



UGC Pro-forma for submission of information by State Private Universities for ascertaining their norms and standards



**Submitted to
University Grants Commission (UGC),
New Delhi**

(VOLUME – II)

by

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

**(Established under Andhra Pradesh Private Universities (Establishment & Regulation)
Act 2016 (Act No.3 of 2016 & 40 of 2023))**

UGC Pro-forma for submission of information by State Private Universities for ascertaining their norms and standards

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UNIVERSITY RESEARCH BOARD –
MINUTES OF MEETING

Name of the Meeting	Academic Year	Date
2nd University Research Board (URB)	2023-24	30.09.2023
3rd University Research Board (URB)		17.02.2024
4th University Research Board (URB)	2024-25	16.11.2024
5th University Research Board (URB)		20.06.2025

A handwritten signature in green ink, appearing to read "K. Sreenivasulu", is written above the official stamp.

REGISTRAR
MOHAN BABU UNIVERSITY
 Sree Sainath Nagar, Tirupati
 Andhra Pradesh-517 102

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MINUTES OF THE MEETING OF THE 2nd UNIVERSITY RESEARCH BOARD

Ref No: URB/MOM/2023/09/02

Dt: 09th October, 2023

Minutes of the meeting of the 2nd University Research Board (URB), held on 30.09.2023 at 03.00 PM in blended mode under the chairmanship of Dr. Nagaraj Ramrao, Vice-Chancellor.

Members Present:

1. Dr. Nagaraj Ramrao, Vice Chancellor	-	Chairman
2. Dr. Srikanta Pal, Professor, Birla Institute of Technology, Mesra	-	External Member
3. Smt. Vijayanthi Srinivasaraghavan, UPS India Technology Center, Bangalore	-	External Member
4. Dr. B. M. Satish, Dean, School of Engineering & Technology	-	Member
5. Dr. Arun Mudhol, Dean, School of Commerce & Management	-	Member
6. Dr. Moorthy Veerasamy	-	Member
7. Dr. K. Saradhi, Controller of the Examinations	-	Member
8. Dr. S. Eswaraiah, Dean – R&D	-	Member
9. Dr. Avireni Srinivasulu, Dean – R&I	-	Member Secretary

Not Present

10. Dr. T. Srinivas, Professor, I.I.Sc, Bangalore	-	External Member
11. Dr. Dilli Babu, Scientist 'F', GTRE, Director, NDRF	-	External Member
12. Dr. N. Girish, Dean, Freshman	-	Member

At the outset Vice-Chancellor welcomed all the members to the meeting. He stressed the importance of the URB in steering the research activities of the university. The meeting commenced with the approval of the previous minutes and to discuss the following points in the agenda of the URB, Mohan Babu University.

Action Taken Report & Agenda of the Meeting

1. The First University Research Board (URB) was held on 21.11.2022 at 03.00 PM in blended mode. The URB had diligently recommended and Approved the ordinance for promoting research
a) Seed grant : ₹ 9,75,000 disbursed

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SANCTIONED SEED GRANT PROJECTS				
1	Dr. T. V. V. Satyanarayana, Professor	ECE	Development of Algorithms for Fabric Defect Detection	2,50,000.00
2	Dr. V.Arun, Professor	EEE	Development of Compact Multi-Level Inverter with Reduced Components and On-State Switches for Renewable Energy Application	1,25,000.00
3	Dr S Prasanthi, Associate Professor	Phar	Development of oral dosage form of Daprodustat with improved solubility to treat anaemia of chronic kidney disease.	2,00,000.00
4	Dr. P.Dhanalakshmi, Professor	AI & ML	Automated Brain Tumor Detection Using Deep Learning Techniques	1,50,000.00
5	Dr. P.Prakash, Associate Professor	ME	Development of metal foams (Fe & Ni-Cu) by polymeric sponge replication technique for lightweight applications	2,50,000.00
TOTAL				9,75,000.00

b) External funding

S.No	Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding Agency	Type (Government /Non-Government)	Dept.	Year of Award	Sanction order received (₹ in lakhs)	Duration of the project
1	Creating Awareness of Basic Science through Science Fair among Rural and Semi- Urban School Students in Chittoor District (CO/A/FP/E171/2021)	Dr. B.Eswari, PI Co-PI, Dr.P.Geetha Dept. of ECE	NCSTC- LOW COST (DST)	Government	SVDC/ SVET	2022-23	22.2	06 Months
2	Nurturing Young Minds with Foundation in Artificial Intelligence and Data Science; Awareness approach for region of Chittoor District	PI: Dr.Narendra Kumar Rao, SVEC CO-PI: Dr.P.Vishnu Prasanth, SVEC	DST- NCSTC- CCOP	Government	SVEC (CSE)	2022-23	22.40	09 Months
3	Creating awareness on foundations of cloud computing platforms for nurtuting innovation in young minds.	Dr. J. Avanija, PI CO-PI, Dr.K.Suresh Dept. of CSE	DST- NCSTC- CCOP	Government	SVEC (CSE)	2022-23	22.90	09 Months
4	"Vignana Vihangam": (Development of School Teachers as Resource Persons in Physics Experiments for Rural Area Students using Low-Cost Teaching Aids)	Dr.M.V.Sasi Kumar, PI Dr.Y.B.Kishore, Co-PI Dept. of Physics 9440465523	NCSTC- LOW COST (DST)	Government	BS&H/ SVET	2022-23	29.26	09 Months
5	SPICES-Coding Club	Dr.M.Sunil Kumar Dept. of CSE	AICTE	Government	CSE	2022-23	2.2	01 year 1.20 (SV)+1 (AICTE)

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6	AMT-DST Funded Project Title: Development of Automated Fixture for Friction Stir Welding of Defence grade AA5083/AA7075 Pipes	Dr. S. Ragu Nathan	DST	Government	ME	2020-21 2021-22 2022-23	39.89	3 Years
7	Science Technology Innovation Hub	Dr. T. Devaraju	DST	Government	EEE	2020-21 2021-22 2022-23	361.3	3 Years
8	IDEA Lab	Dr. N. Padmaja	AICTE	Government	ECE	2020-21 2021-22 2022-23	113.96	3 Years

c) Professional development allowance to attend National/International

Conferences/FDP/Workshops/Seminars/Professional Societies Membership Fee

1. Dr. Ramesh Raju, Prof, Dept. of ME, Convener FDP, ₹ 62,500/-, 7-11 Aug 2023.
2. Mr.A. Sankar, Asst. Prof, SP.A&HS, ₹ 3000/- Workshop Registration Fee, SRMIST, 16-18 Aug 2023
3. (Dr). M.Balaji, Asst. Prof, ₹ 4000/- Int. Conf. SIDSET, BIT, Gurg, 16-18 Aug 2023
4. Mr. Sai Mokshit Sake, IV B.Tech, Student , ₹ 4000/- Int. Conf. SIDSET, BIT, Gurg, 16-18 Aug 2023
5. Dr. R.L.Krupakaran, Asso. Prof, ₹ 5633/-, One Day Workshop Organized, 31 March 2023
6. Dr.M.Sujatha, Prof, Dept. of EEE, Organize One Day Workshop, ₹ 10000/-, 27 March 2023
7. Dr.A.Jyothi Babu, prof, Dept. of CA, Organize Expert Lecture ₹ 3000/-, 12-12-2022
8. Dr. S. Hemachandra, Prof, Dept of EEE, Workshop, ₹ 7500/- , 24-25 Nov 2022.

d) Consultancy

Total amount received ₹ 83,37,000/-

e) Research Incentives

Total amount disbursed ₹ 1,68,500/-

2. Regulations leading to Doctor of Philosophy

Regulations that have been approved are being circulated and implemented

3. Regulations for M.S by research program (part-time)

Received application form the following candidates and didn't join the program.

S.No	NAME	DEPT	Mode	MOBILE	EMAIL
1	M Harish	Civil Engineering	PT	9700415176	madupurih@gmail.com
2	Nagaraju Chavali	Civil Engineering	PT	8919747700	nagarajuycp@gmail.com
3	K D Kumar Reddy	Civil Engineering	PT	7028888760	deeraj22k@gmail.com
4	Thadi Ravi Kumar	Mechanical Engineering	PT	9640233990	ravithadi44@gmail.com
5	Palivela Rajesh	Mechanical Engineering	PT	9738304086	palivela.rajesh94@gmail.com
6	Kartik Narayanan S	CSE	PT	9972502354	skn.shimpo@gmail.com

4. Regulations for Post Doctoral Fellowship (PDF)

Regulations that have been approved are being circulated and not yet started PDF

5. With the permission of the Chair the following were shared

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a) Government sanctioned/completed funded projects

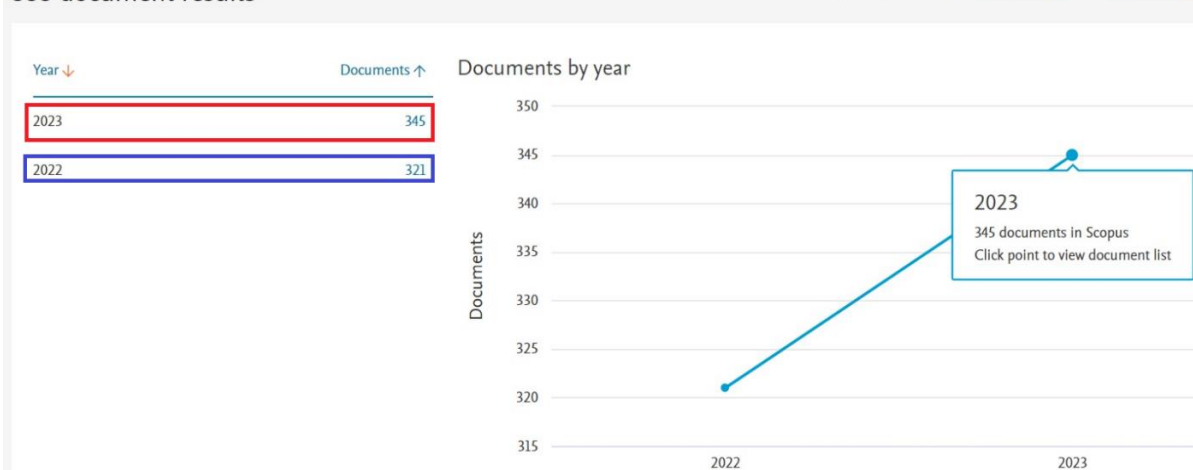
S.No	Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding Agency	Dept	Year of Award	Sanction order received (₹ in lakhs)	Duration of the project	Sanctioned/ ongoing /completed
1	Nurturing Young Minds with Foundation in Artificial Intelligence and Data Science; Awareness approach for region of Chittoor District	PI: Dr.Narendra Kumar Rao, SVEC CO-PI: Dr.P.Vishnu Prasanth, SVEC	DST-NCSTC-CCOP	SVEC (CSE)	2022-23	22.40	09 Months	Sanctioned
2	Creating awareness on foundations of cloud computing platforms for nurtuting innovation in young minds.	Dr. J. Avanija, PI CO-PI, Dr.K.Suresh Dept. of CSE	DST-NCSTC-CCOP	SVEC (CSE)	2022-23	22.90	09 Months	Sanctioned
3	Design and Development of Micro Cantilever Based Biosensor for Early Detection of High-Risk Human Papiloma Virus	Dr. V. R. Anitha / Dr.P.Geetha	DST	ECE	2017-18 2018-19 2019-20	36.49	3 Years	Completed
4	Frequency modulated hearing aid for elderly with hearing disability	Dr. N. Padmaja / Mr. K. Ayyappa Swamy	DST-TIDE	EIE	2017-18 2018-19 2019-20	55.35	2 Years 6 Months	completed

b) Research articles published summary:

S. No.	Details of the publications	Recommendation of SRC	Decision of URB
1.	Scopus Indexed Publications 2022: 321 and 2023: 345 as on 31-9-23	Appreciated	Appreciated

666 document results

Select year range to analyze: 2022 to 2023



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6. Ordinance for promoting research

The Policy on Research Promotion (Policy No. O-X/P-1) has been approved in the URB Meeting held on 21.11.2022 at 03.00 PM and the same was approved by the BoM. The same was circulated to the faculty members on 31-12-2022.

Agenda item No. 1: Progress of the Batch-1 Research Scholars

S. No.	Details of the Scholar	Recommendation of SRC	Decision of URB
1.	Progress Report of 112 Research Scholars	SRC Suggested 4 Courses (12 Credits) Completed Courses (Credits): 2 Courses (6 credits)	Approved.

Agenda item No. 2: Batch-2 Admitted Research Scholars List

S. No.	Details of the Admitted Scholars		Recommendation of SRC	Decision of URB
1.	Department	No. of Ph.D Admissions	Recommended for URB approval.	Approved.
	CSE	40		
	CSA	6		
	ECE	18		
	EEE	8		
	ME	11		
	CE	5		
	MBA	4		
	Physical Education	4		
	English	3		
	Mathematics	1		
	Chemistry	1		
	Bio-Technology	1		
	Physics	<u>1</u>		
Total	<u>103</u>			

Agenda item No. 3: Ph.D Full-Time to Part-Time:

S. No.	Details of the Scholar	Recommendation of SRC	Decision of URB
1.	Ms. Garivi Chethana (22203R080001), Chemistry	The scholar is appointed as a regular faculty member in the SVEC Polytechnic and SRC Recommended for part-time PhD.	Approved.

Agenda item No. 4: Job Transfer case from Industry to Teaching – fee reduction:

S. No.	Details of the Scholar	Recommendation of SRC	Decision of URB
1.	Ms. Jasti Hymavi, Roll No: 22202R010015, Dept. of CSE	Research Scholar from Industry to Teaching – Now working with QIS Engineering College, the SRC Recommended for fee reduction.	Approved.

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Agenda item No. 5: Core Courses Exemptions:

S. No	Details of the Scholar	Recommendation of SRC	Decision of URB
1.	Mr.Hitesh Mehata, Roll No: 22201R030006, Dept. of ECE. The Research Scholar is from the Industry Domain, and requested for core courses exemption	- Patent No. : 398430, Application No: 202043045113, Date of Filing : 16/10/2020 - Patent No. : 340481, Application No: 201841039122, Date of Filing : 15/10/2018 - Patent No. : 289071, Application No: 1964/CHE/2009, Date of Filing : 18/8/2009 - UK Patent Serial No: GB2484868, Granted on: 9-7-2013 - Journal of the European Optical Society Part A, DOI 10.1088/0963-9659/5/1/008 - Conf. Proc: DOI: 10.1109/WRAP54064.2022.9758250 - Conf. Proc: DOI: doi.org/10.1117/12.345556 Based on the above publications and patents the SRC Recommended for Core Courses Exemption	Approved.

Agenda item No. 6: PhD admission based on B.Tech with aggregate 8.09 CGPA and GATE 98.9 percentile with M.Tech degree from a premier Institute not consistently good academic record.

S. No.	Details of the to be admitted PhD Scholar	Recommendation of SRC	Decision of URB
1.	PhD admission based on B.Tech with aggregate 8.09 CGPA and GATE 98.9 percentile	The SRC recommended as per the UGC regulations 4-Year/8-Semester Bachelor's degree with minimum CGPA 7.5/10	As per the Draft University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2022 the URB Approved.

Agenda item No. 7: Miscellaneous and any other point may be added with the permission of the Chair.

S. No.	Details of the Scholar	Recommendation of SRC	Decision of URB
1.	i. Ms. K. Suseela, ECE, Transfer Case of PhD, SRMIST, Kattankulathur, Kancheepuram (DT)	The transfer of the Ph.D. candidate Ms. K. Suseela, from SRMIST to MBU has been approved by the SRC. However, it is essential for the candidate to fulfill MBU's specific transfer requirements and complete any necessary administrative processes.	- She should submit a no objection certificate from the guide/institute. - The URB recommended for a fresh registration.

S. No.	Details of the Scholar	Recommendation of SRC	Decision of URB
1.	ii. Mr. S. Shiva Prakash, CSSE, Transfer Case of PhD, VIT VELLORE, Vellore (DT).	The transfer of the Ph.D. candidate Mr. S. Shiva Prakash, CSSE, from VIT VELLORE, Vellore (DT) to MBU has been approved by the SRC. However, it is essential	The URB recommended to submit a no objection certificate from the guide/institute.

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		for the candidate to fulfill MBU's specific transfer requirements and complete any necessary administrative processes.	

S. No.	Details of new PhD programs	Recommendation of SRC	Decision of URB
1.	iii. New PhD programs in the School of Pharmacy, Health & Allied Sciences, and Library & Information Sciences	SRC Recommended new PhD programs in the School of Pharmacy, Health & Allied Sciences, and Library & Information Sciences	URB Approved

In the end, Prof. Avireni Srinivasulu, Dean (Research & Innovation) expressed his gratitude and thanks to all members for being available and to the Vice Chancellor for presiding the meeting and needful approvals.


MEMBER SECRETARY


CHAIRMAN



MINUTES OF THE MEETING OF THE 3rd UNIVERSITY RESEARCH BOARD

Ref No: URB/MOM/2024/02/03

Dt: 24 February, 2024.

Minutes of the meeting of the 3rd University Research Board (URB), held on 17.02.2024 at 03.00 PM in blended mode under the chairmanship of Dr. Nagaraj Ramrao, Vice-Chancellor.

Members Present:

1. Dr. Nagaraj Ramrao, Vice Chancellor	-	Chairman
2. Dr. Srikanta Pal, Professor, Birla Institute of Technology, Mesra	-	External Member
3. Dr. M. Venkat Ratnam, Scientist & Head, ARTG, NARL	-	External Member
4. Smt. Vijayanthi Srinivasaraghavan, IBM, Bangalore	-	External Member
5. Dr. B. M. Satish, Dean, SoC and School of Engineering & Technology	-	Member
6. Dr. B. P. Mallikarjuna, Dean, School of Pharmaceutical Sciences	-	Member
7. Dr. M.Naresh Babu, Dean (i/c), School of Commerce & Management	-	Member
8. Dr. S. Eswaraiah, Dean – R&D	-	Member
9. Dr. N. Girish, Dean – Freshman	-	Member
10. Dr. I. Siva, Deputy Dean – IQAC	-	Member
11. Dr. Moorthy Veerasamy, Controller of Examination	-	Member
12. Dr. N. Padmaja, Deputy Dean, Innovations & Patents	-	Member
13. Dr. E. Parimalasundar, Deputy Dean – Research	-	Member
14. Dr. Avireni Srinivasulu, Dean – R&I	-	Member Secretary

Not Present

15. Dr. T. Srinivas, Professor, I.I.Sc, Bangalore	-	External Member

At the outset Vice-Chancellor welcomed all the members to the meeting. He emphasized the significance of the URB in guiding the research activities of the university. The meeting started with the approval of the previous minutes and proceeded to discuss the agenda items of the URB.

Action Taken Report & Agenda of the Meeting

1. The 2nd University Research Board (URB) was held on 30.09.2023 at 03.00 PM in blended mode. The URB had diligently recommended and approved the ordinance for promoting research.

Research Incentives: Journal publications, Patents, Annual and Quarterly Awards, and Professional Development Allowance were disbursed in a total amount of ₹ 15,79,200/- (Fifteen lakhs seventy-nine thousand two hundred only) to the following faculty members:

- a) According to the MBU research incentive policy, faculty members received a total of ₹7,45,000 in incentives for journal publications. In addition, cash prizes amounting to ₹ 2,10,000 were awarded to faculty members who filed the highest number of patents. Annual and quarterly awards, including cash prizes of ₹ 5,50,000, were distributed to faculty members along with mementos.

JOURNAL PUBLICATIONS INCENTIVES: Amount ₹ 7,45,000/-

Deans/HoDs, Professors, Associate Professors, Assistant Professors

S.No	Dept.	Name	Designation	Amount ₹
1	ECE	Dr. P. V. Ramana	Prof. & Dean (Academics)	25000
2	ECE	Dr. Avireni Srinivasulu	Prof. and Dean (R&I)	42500
3	AIML	Dr. B. Narendra Kumar Rao	Prof. & HoD	30000
4	CSE	Dr. M. Sunil Kumar	Prof. & HoD	47500
5	EEE	Dr. M. S. Sujatha	Prof. & HoD	15000
6	ECE	Dr. V. Vijaya Kishore	Prof. & HoD	30000
1	AIML	Dr. G. Sunitha	Professor	15000
2	AIML	Dr. K. Reddy Madhavi	Professor	10000
3	ECE	Dr. T. V. V. Satyanarayana	Professor	55000
4	ECE	Dr. N. Ashok Kumar	Professor	12500
5	ME	Dr. S. Ragu Nathan	Professor	30000
6	EEE	Dr. V. Arun	Professor	90000
7	EEE	Dr. E. Parimalasundar	Professor	115000
1	ECE	Dr. A. Kishore Kumar	Associate Professor	5000
2	ECE	Dr. A.Yasmine Begum	Associate Professor	2500
3	ME	Dr. P.Theja Sree	Associate Professor	5000
4	CSE	Dr. Cuddapah Anitha	Associate Professor	25000
1	ECE	Dr. K. Neelima	Assistant Professor	5000
2	ECE	Ms. M. Bharathi	Assistant Professor	5000
3	ECE	Dr. H. D. Praveena	Assistant Professor	35000
4	Freshman	Dr. N. Taraka Ramu	Assistant Professor	80000
5	EEE	Dr. B. Hemanth Kumar	Assistant Professor	60000
6	EEE	Mr. B.V. Sai Thrinath	Assistant Professor	5000
GRAND TOTAL				₹ 7,45,000

PATENTS INCENTIVES: Amount ₹ 2,10,000/-

S.No	Category	Name	Amount
1.	Highest No. of Patents	Dr. O.Eswara Reddy (CE)	1,00,000
2.	Second Highest No. of Patents	Dr. Y.Dileep Kumar (ECE)	60,000
3.	Third Highest No. of Patents	Ms. N.P.Dharani (EIE)	50,000
Total			₹ 2,10,000

ANNUAL AND QUARTERLY AWARDS 2023 – CASH PRIZE DETAILS: Amount ₹ 5,50,000/-

S.No	Category	Name	Amount
1.	Best Researcher	Dr.M.Sunil Kumar	1,00,000
2.	Second Best researcher	Dr.N.Ashok Kumar	60,000
3.	Second Best Researcher	Dr.V.Arun	60,000
4.	Third Best Researcher	Dr.K.Reddy Madhavi	50,000
5.	Best HOD	Dr.B.Narendra Kumar Rao	50,000
6.	Best Event Organizer	Dr.B.Vishnu Vardhana Naidu	5,000
7.	Mentorship of Fast Learners	Dr.J.Avanija	5,000

8.	Mentorship of Fast Learners	Dr.K.Ramani	5,000
9.	Mentorship of Fast Learners	Dr.B.Narendra Kumar Rao	5,000
10.	Best Student Professional Society	Civil Engineering, SOE	5,000
11.	Student Support and Guidance	Dr.N.Padmaja	5,000
12.	NEP implementation	Dr.P.V.Ramana	5,000
13.	Value-added certification for students	Dr.V. Jyothsna	5,000
14.	Social Media Manager	Ms.D.Divya	5,000
15.	Best Innovative Idea	Dr.G.Gayathri	5,000
16.	Best Innovative Idea	Dr.V S Reddy Kirankalyan	5,000
17.	Best Performer-Sports	Dr.A.Suman	5,000
18.	Best Maintenance Person	Mr.K.Chandra Babu	5,000
19.	Best Maintenance Person	Mr.G.Gurunatham	5,000
20.	Best IT Support	Mr. C. Naresh Babu	5,000
21.	Best Gardener	Mr. B. Narendra Kumar	5,000
22.	Special Mention Award	Dr. N. Manikandan	1,50,000
Total			₹ 5,50,000

- b) Professional development allowance to attend National/International Conferences/FDP/ Workshops/Seminars/Professional Societies Membership Fee:

In the academic year 2023-24, the University allocated a budget of ₹13,00,000 for allowances related to faculty attendance at Conferences/FDP/Workshops/Seminars/Professional Societies Memberships. This allocation facilitated the disbursement of funds to faculty members for attending such events and covering associated membership fees, fostering professional development within the academic community. The details are mentioned below:

S.No	Number of Participants	Name of the National/International Conferences/ FDP/Workshops/ Seminars/ Professional Societies Membership with date	Amount in ₹
1.	Dr. B. Narendra Kumar Rao Prof & HoD of AIML	Attending "IBM (ICE)-CodeRush23". 28-29 Dec 2023	19,600
2.	Dr. B. Vishnu Vardhan Naidu, Prof. Dept. of ME and Mentor, AICTE IDEA Lab	Attending workshop "Smart India Hackthon- 2023". 18-22 Dec 2023.	15,500
3.	Mr. S. Sai Venkata Aakash, IV B.Tech, (ME) Student	Registration Fee, International Conference on Recent Advances in Industrial and systems Engineering- RAISE-2023. 20-22 Dec 2023.	2,950
4.	Mr. C. Ravindra, IV B.Tech, (ME) Student	Registration Fee, International Conference on Recent Advances in Industrial and systems Engineering- RAISE-2023. 20-22 Dec 2023.	2,950
5.	Mr. S. Sreedhar, IV B.Tech, (ME) Student	Registration Fee, International Conference on Recent Advances in Industrial and systems Engineering- RAISE-2023. 20-22 Dec 2023.	2,950

6.	Ms. K. Gowthami, IV B.Tech, (ME) Student	Registration Fee, International Conference on Recent Advances in Industrial and systems Engineering- RAISE-2023. 20-22 Dec 2023.	2,950
7.	Dr. D. Samba Siva Rao, Assistant Professor, HOD, School of Agriculture	Organizing one day workshop, 11 Dec 2023.	5,000
8.	Mr. K Rahul, Dept. of CSE	Attending "Google India Regional Boot Camp" at SRM Eswari Engineering College, Chennai, 30 th January 2024.	2,300
9.	Dr. S. Raghu Nathan, Professor and Convener, Dept. of ME.	Organizing Two Day Interactive Session for "Progress of Materials Science Research", 15-16 Feb 2024.	15,000
10.	M. Naresh Babu, Head and Asso. Professor, School of Commerce and Management	Organizing an Internal Management Event "TARKSHYA'24 (or) ADVAYA'24", 16-17 Feb 2024.	5,000
Total			₹ 74,200

Agenda Item No. 1: Progress of the Batch-1 Research Scholars

- i. A total of **110** research scholars have completed the core coursework subjects in 2nd Semester, showcasing their dedication and commitment to advancing their academic pursuits. This achievement highlights their determination to excel in their respective fields and contribute to the world of research.

CORE COURSEWORK COMPLETED SCHOLARS LIST

S.No	School	Department	Scholars	Recommendation of SRC	Decision of URB
1.	SoLA	Bio-Tech	2	Accepted core coursework completion, and recommended for URB approval.	Approved. Recommended to undergo a comprehensive examination after the 3 rd Semester
2.		Chemistry	1		
3.		Physics	1		
4.		Mathematics	1		
5.		English	4		
6.	SoE	Civil	4		
7.	SoC	CSE	49		
8.		Computer Science (MCA)	2		
9.	SoE	ECE	25		
10.		EEE	11		
11.		Mechanical	5		
12.	SoCM	Management	5		
Total			110		

- ii. Batch-1, **111** Research Scholars to Undergo Comprehensive Examination after the 3rd Semester
- Each candidate, normally after one semester (after completion of the prescribed course work), shall be required to take a comprehensive examination, which will test his/her comprehension or knowledge in his broad field of research and his academic preparation and potential to carry out the research work.
 - Synopsis document should have around 10-12 pages and contain:
 - Title of the thesis
 - Background and motivation of research problem
 - Review of literature and research gap
 - Objectives
 - Research Methodology
 - Tentative structure/ chapter outline of the thesis
 - Bibliography.
 - The comprehensive examination may be written and/or oral examination and shall be conducted by the Controller of Examinations. Office of the Dean (R&I) will coordinate this exam based on approved guidelines. The candidate should secure at least 55% marks or an equivalent grade in the comprehensive examination.
 - Unsuccessful candidates shall be allowed a second opportunity to clear the comprehensive examination. If a candidate is unsuccessful again, his Ph.D. registration may be cancelled.
- iii. The following **2** research scholars didn't clear the core coursework subjects and **6** scholars didn't register for the coursework the details are given below:

INCOMPLETED CORE COURSEWORK SCHOLARS: The two research scholars recommended completing the coursework.

S.No	Name & Roll No	Dept.	Subject	Recommendation of SRC	Decision of URB
1	Ms. T.Sukeerthi 22203R100002	Maths/Statistics	R Programming (22ST0301004)	Coursework completion recommended.	Approved
2	Ms. K.Manasa 22202R020003	Computer Science (MCA)	Cloud Computing (22CS0301006) Deep Learning (22CS0301002)	Coursework completion recommended.	Approved

COURSEWORK NOT REGISTERED SCHOLARS: Serial Number 1, 2 and 3 candidates failed coursework registration; members are advised to register for coursework.

No response from S.No. 4, Mr. T. Naveen Kumar, and his supervisor, Dr. M.Sunil Kumar, declines guidance. Members advise sending a reminder letter.

A.N. Sreedhar and K.P. Venugopal have indicated that they are not interested in continuing as PhD scholars. Supervisors are recommended for discontinuation.

S.No	Name & Roll No	Dept.	Scholar/ Supervisor's Information	Recommendation of SRC	Decision of URB
1	A.R.Thirupal Reddy, 22203R050001	English	Health problem	Recommended for re-registration.	Approved
2	M.N.Sreedhar, 22203R050004	English	Supervisor Dr. C.Raghavendra Reddy recommended for registration	Recommended for re-registration.	Approved
3	Nagaraju Rayapati, 22202R010027	CSE	Scholar requested course registration.	Recommended for coursework registration	Approved
4	T.Naveen Kumar, 22102R010048	CSE	No reply from the scholar	Recommended to send remainder letters	Approved
5	A.N.Sreedhar, 22202R010001	CSE	Not interested	Recommended for URB Approval	Approved
6	K.P.Venugopal, 22201R010003	Civil	Not interested	Recommended for URB Approval	Approved

Agenda Item No. 2: Progress of the Batch-2 Research Scholars

- A total of **94** research scholars have completed the Research Methodology and Research and Publication Ethics subjects in the 1st semester, showcasing their dedication and commitment to advancing their academic pursuits. This achievement highlights their determination to excel in their respective fields and contribute to the world of research.

COURSEWORK COMPLETED SCHOLARS LIST

S.No	School	Department	Scholars	Recommendation of SRC	Decision of URB
1.	SoLAS	Bio-Tech	1	Accepted for Research Methodology, and Research & Publication Ethics completion. Recommended for URB approval.	Approved
2.	SoLAS	Chemistry	1		
3.	SoLAS	Physics	1		
4.	SoLAS	English	3		
5.	SoLAS	Mathematics	1		
6.	SoLAS	Physical Education	3		
7.	SoC	CSE	35		
8.	SoC	CSA	5		
9.	SoE	Civil	4		
10.	SoE	ECE	17		
11.	SoE	EEE	8		
12.	SoE	Mechanical	11		
13.	SoCM	Management	4		
Total			94		

- iii. The following 2 scholars didn't clear the Research and Publication Ethics course and 5 candidates are not registered pre-PhD course, and the details are listed below:

INCOMPLETED COURSEWORK SCHOLARS: The following two research scholars Mr.B.N.Achari and Ms. P. Devaki are failed to complete the coursework. The two scholars were advised to finish their coursework.

S.No	Name	Dept	Subject	Recommendation of SRC	Decision of URB
1	Mr.B.N.Achari 22202R010057	CSE	Research Methodology Research and Publication Ethics	Recommended for re-registration.	Approved
2	Ms.P. Devaki 22202R010083	CSE	Research Methodology Research and Publication Ethics	Recommended for re-registration.	

COURSEWORK NOT REGISTERED SCHOLARS: Serial Numbers 1, Mr. P. Ravindra Reddy has failed to register for coursework; members are advised to re-register.

M. Munigeetha (22202R010075), P. P. Sai Gowtham (22202R020006), V. Pavani (22201R030043), and S. Kesavan (22203R030002) have indicated that they are not interested in continuing as PhD scholars. Supervisors are recommended for discontinuation.

SNo	Name & Roll No	Dept.	Scholar/ Supervisor's Information	Recommendation of SRC	Decision of URB
1.	P. Ravindra Reddy, 22202R010084	CSE	Requested for re-registration	Recommended for re-registration.	Approved
2.	M. Munigeetha, 22202R010075	CSE	Requested for discontinuation	Recommended for URB Approval	Approved
3.	P. P Sai Gowtham, 22202R020006	CSA	Not interested	Recommended for URB Approval	Approved
4.	V. Pavani, 22201R030043	ECE	Not interested	Recommended for URB Approval	Approved
5.	S. Kesavan, 22203R030002	Ph.Edu	Not interested	Recommended for URB Approval	Approved

Agenda Item No. 3: List of Admitted Research Scholars in Batch-3

S.No	School	Dept.	Scholars	Recommendation of SRC	Decision of URB
1.	SoE	Civil	3	Recommended for URB approval.	Approved
2.	SoE	EEE	12		
3.	SoE	ECE	20		
4.	SoC	CSE	29		
5.	SoC	CA (MCA)	7		
6.	SoC	CS (MSc)	2		
7.	SoCM	Management	5		
8.	SoCM	Commerce	1		
9.	SoLAS	Maths	3		
10.	SoLAS	English	4		
11.	SoLAS	Chemistry	4		

12.	SoLAS	Physics	2		
13.	SoLAS	Bio-Tech	1		
14.	SoLAS	Library Science	3		
15.	SoPS	Pharmacy	26		
Total			122		

A three-day workshop was held from 01-02-24 to 03-02-24 at Dasari Auditorium/Mechanical Seminar Hall. Dr. N. Sundararajan from NTU Singapore and Dr. B. S. Mahanand from JSSSTU, Mysuru, delivered lecture on the following topics. Esteemed faculties from MBU and 106 Ph.D. research scholars attended.

- Research preparation and planning
- Introduction to Latex
- Hands on session on Latex (Handling sections, figures, tables, references)
- Research resources and literature
- Academic writing & Oral presentation
- Writing research paper/thesis in Latex
- Hands on session on Latex (Writing research paper/thesis)
- Research ethics
- Open access publication and initiatives
- Publications ethics
- Data bases and research metrics

Agenda Item No. 4: Progress of on-going Government Funded Projects

S.No	Name of the Project, Funding Agency	Principal Investigator/ Co-Investigator	Year of Award	Grant (lakhs)	Duration	Current Status
1	AMT-DST Funded Project Title: Development of Automated Fixture for Friction Stir Welding of Defence grade AA5083/AA7075 Pipes DST-AMT	Dr. S. Ragu Nathan, ME	2020-21 2021-22 2022-23	39.89	3 Years	First Year Utility Certificate (UC) and Expenditure Statement (ES) submitted.
2	Science Technology Innovation Hub DST	Dr. T. Devaraju, EEE	2020-21 2021-22 2022-23	361.3	3 Years	New technologies developed:04: Technology deployed: 04 Technologies ready to transfer: 01 No of beneficiaries: 445: Total trainings conducted: 19 Patents published: 02 Published: 01 Project will be completed by April 2024.

3	IDEA Lab AICTE	Dr. N. Padmaja, ECE	2020-21 2021-22 2022-23	113.96	3 Years	Grant Received from AICTE - Rs.42.384 Lakhs SVET contribution - Rs.48.785 Lakhs Total - Rs.91.169/- Lakhs Expenditure Incurred till date - Rs. 85.969/- Lakhs
4	Creating Awareness of Basic Science through Science Fair among Rural and Semi-Urban School Students in Chittoor District	Dr. B.Eswari, PI SVDC Co-PIs, Dr. P. Geetha, ECE Dr. Leela Rani, ECE	2022-23	22.2	06 Months	First phase of training was completed
5	Nurturing Young Minds with Foundation in Artificial Intelligence and Data Science; Awareness approach for region of Chittoor District	PI: Dr.Narendra Kumar Rao, CSE CO-PI: Dr.P.Vishnu Prasanth, SVEC	2022-23	22.40	09 Months	Order copy not yet received
6	Creating awareness on foundations of cloud computing platforms for nurturing innovation in young minds.	Dr. J. Avanija, PI CO-PI, Dr.K.Suresh Dept. of CSE	2022-23	22.90	09 Months	Order copy not yet received
7	"Vignana Vihangam": (Development of School Teachers as Resource Persons in Physics Experiments for Rural Area Students using Low- Cost Teaching Aids)	Dr.M.V.Sasi Kumar, PI BS&H Dr.Y.B.Kishore, Co-PI Dept. of Physics 9440465523	2022-23	29.26	09 Months	3 Phases of workshops were completed
8	SPICES-Coding Club	Dr.M.Sunil Kumar, Dept. of CSE	2022-23	2.2	01 year	Project completed and UC is yet to submit

Agenda Item No. 5: Progress of on-going Consultancy/Non-Govt. Projects

SNo	Name of the Consultant	Name of Consultancy project	Consulting/Sponsorin g agency with contact details	Year of sanction	Amount (Rs in Lakhs)	Current Status
1	Dr.B.Narendra kumar Rao, Dept. of CSE.	EPR&Laboratory Management Software	Crystal Diagnostic Center, 10-13-514, Reddy & Reddy Colony, Tirupati.	2022-23	5.10	Outcomes submitted for paper publication

2	Dr.K.Neelima, Assistant Profesor, Dept. of ECE.	Hardware and Software Modelling of a Cartesian Gantry Robot	Mectronics Marketing Services, Functional Industrial Estate Patparganj Industrial Area, New Delhi.	2022-23	28.00	Outcomes submitted for Patent filing
3	Dr.Ramesh Raju, Dept. of Mechanical	Process Automation	Sreenidhi Raja Packing Solutions Pvt Ltd, Gajulamandam, Chittoor(Dist), Tirupati.	2022-23	8.81	Completed
4	Dr.B.Narendra Kumar Rao, Professor, Dept. of CSE.	Performance improvement of Inventory management system by an automated warehouse system	M/s.Kamalveer Systems, Begumpet, Secunderabad, Telangana-500016	2022-23	41.46	Outcomes submitted for paper publication
TOTAL AMOUNT INR					83.37	

Agenda Item No. 6: Progress of on-going Seed Grant Projects:

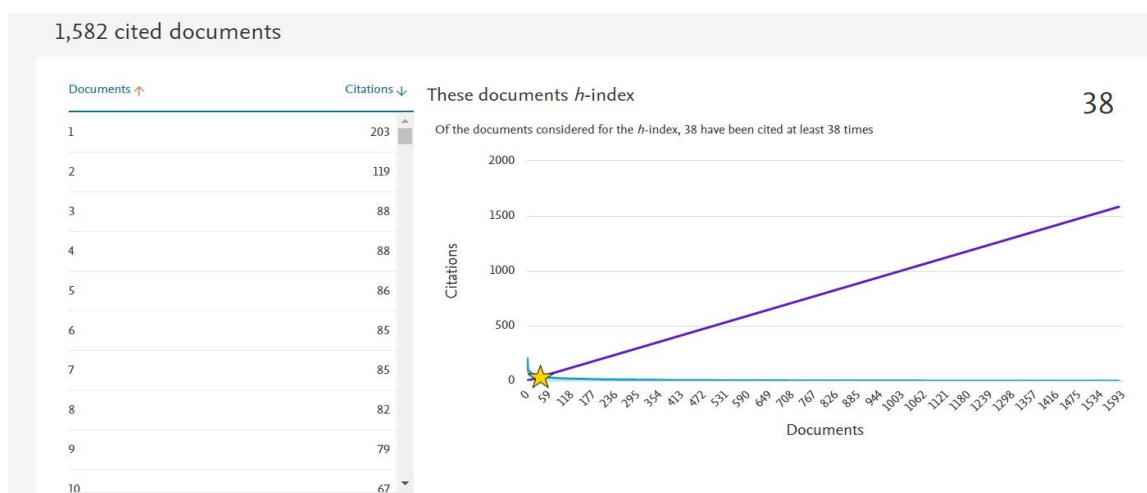
The members suggested reviewing the seed-grant projects quarterly to assess their potential contribution to establishing a research facility. This would enable the Principal Investigator (PI) to draft research proposals for National Funding Agencies focusing on advanced research areas related to interdisciplinary themes.

S.No	Name	Title	Fund in Rs.	Remarks
1	Dr.T.V.V. Satyanarayana, Professor, ECE	Development of Algorithms for Fabric Defect Detection	2,50,000.00	Algorithm development is under process with the online dataset.
2	Dr. V.Arun Professor, EEE	Development of Compact Multi- Level Inverter with Reduced Components and On-State Switches for Renewable Energy Application	1,25,000.00	Developed a model and published a paper on the project results
3	Dr S.Prasanthi, Asso. Professor, Phar	Development of oral dosage form of Daprodustat with improved solubility to treat anaemia of chronic kidney disease.	2,00,000.00	Preliminary analysis has been completed
4	Dr. P.Dhanalakshmi, Professor, AIML	Automated Brain Tumor Detection Using Deep Learning Techniques	1,50,000.00	Model Developed and data analysis is going
5	Dr. P.Prakash, Asso. Professor, ME	Development of metal foams (Fe & Ni-Cu) by polymeric sponge replication technique for lightweight applications	2,50,000.00	Quotations called for polymeric sponge Materials and is under process
TOTAL			₹ 9,75,000.00	

Agenda item No. 7: Miscellaneous and any other point may be added with the permission of the Chair.

- I. In 2023, faculty members and scholars at Mohan Babu University made significant contributions to research, publishing a total of 739 articles in reputed journals, conference proceedings, and book chapters. The Scopus indexed papers graph highlights an achievement of 650 publications, with an impressive h-index of 38.

Year	Articles	Conference Proc.	Book Chapters	Letters	Total
2023	298	321	28	3	650



- II. The students and research scholars presented more than 200 papers at the 2nd International Conference on Data Analytics, Smart Computing, and Networks (IDASCN - 2023), held from August 24th to 26th, 2023, at Mohan Babu University.
- III. The list of international and national conferences, both online and offline, organized during the year 2023 is shown in Annexure - I, sheet 1. Additionally, a list of upcoming national and international conferences scheduled for 2024 is indicated in Annexure - I, sheet 2.
- IV. The University provides financial assistance to its faculty for patent filings. In 2023, a total of ₹ 3,31,800/- was disbursed for patent filing fees and additional processing expenses. Faculty members and scholars at Mohan Babu University have made remarkable contributions to Intellectual Property Rights (IPR), resulting in 43 filed and published patents, along with 1 international design and 1 national copyright registration. The details are provided in Annexure - II.

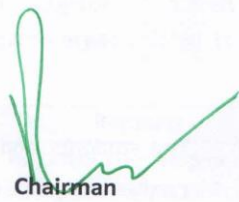
PATENTS		
S.No	School/ Department	No of Patents Filed and Published
1	Civil Engineering	3
2	EEE	3
3	Mechanical Engineering	4

4	ECE	9
5	CSE	4
6	EIE	4
7	IT	5
8	CSSE	5
9	MCA	2
10	SOCM	1
11	GEBH	2
12	SOLAS	1
Total		43

CY	Patents Granted		Design Registrations		Copyright Registrations		Total IPR
	National	International	National	International	National	International	
2023	-	-	-	1	1	-	2

In the end, Prof. Avireni Srinivasulu, Dean (Research & Innovation), expressed his gratitude and thanks to all members for being available, and to the Vice Chancellor for presiding over the meeting and providing necessary approvals.


Member Secretary


Chairman

28th Nov, 2024.**MINUTES OF MEETING OF THE 4th UNIVERSITY RESEARCH BOARD**

A meeting of the University Research Board (URB), held on 16.11.2024 at 03.00 PM in blended mode under the chairmanship of Dr. K.Karunakaran, Vice-Chancellor and Dr. Nagaraj Ramrao, Provost.

Members:

1. Dr. Nagaraj Ramrao, Provost	-	Honorary Chairman
2. Dr. K.Karunakaran, Vice-Chancellor	-	Chairman
3. Dr. Srikanta Pal, Professor, Birla Institute of Technology, Mesra	-	External Member
4. Dr. M. Venkat Ratnam, Scientist & Head, ARTG, NARL	-	External Member
5. Smt. Anupama Reddy, HP WS Managed Solution Org., Bengaluru	-	External Member
6. Dr. B. M. Satish, Dean, SoC and School of Engineering & Technology	-	Member
7. Dr. B. P. Mallikarjuna, Dean, School of Pharmaceutical Sciences	-	Member
8. Dr. S. Eswaraiah, Dean, Funded Research	-	Member
9. Dr. T. Madhavi, Dean (i/c), School of Commerce & Management	-	Member
10. Dr. N. Girish, Dean-Freshman	-	Member
11. Dr. I. Siva, Dy. Dean – IQAC	-	Member
12. Dr. M. Sunil Kumar, Controller of Examination	-	Member
13. Dr. N. Padmaja, Deputy Dean, Innovations & Patents	-	Member
14. Dr. E. Parimalasundar, Deputy Dean – Research	-	Member
15. Dr. Avireni Srinivasulu, Dean – R&I	-	Member Secretary

Not Present

16. Smt. Vijayanthi Srinivasaraghavan, IBM, Bangalore	-	External Member
17. Dr. Talabattula Srinivas, Professor, I.I.Sc, Bangalore	-	External Member

At the outset, the Provost and Vice-Chancellor warmly welcomed all members to the meeting. The Vice-Chancellor emphasized the vital role of the University Research Board (URB) in shaping and steering the university's research endeavors. The meeting commenced with the approval of the minutes from the previous session, following which the members proceeded to deliberate on the agenda items of the URB.

RECOMMENDATIONS, SUGGESTED ACTIONS AND AGENDA OF THE MEETING

The Provost emphasizes enhancing academic and research initiatives through strategic actions. For postdoctoral fellowships, awareness and participation can be boosted by sharing alerts and opportunities with senior faculty. Research publication efforts should prioritize converting advanced studies into publishable works. Non-government projects require proper financial accounting and timely reporting, while seed grant projects should focus on commercialization and promoting startups. Securing support for matching grant proposals necessitates drafting and facilitating MoUs. Additionally, funding for undergraduate hardware projects should be allocated to foster innovation and hands-on learning among students.

Vice-Chancellor's input stressed promoting Elsevier Academy initiatives via video recordings and segregating faculty publications by quality and citations. Financial backing for undergraduate hardware projects was also recommended.

The members of the University Research Board made several key recommendations:

- ✚ **Patent Filing:**
 - Aim to file/publish 300 patents by 2025; support technology transfers.
- ✚ **Conference Publicity:**
 - Publicize conferences effectively using social media and branding.
- ✚ **Space Technology Module:**
 - Introduce a course/module in space technology.
- **External Collaboration:**
 - Strengthen ties with external funding bodies for financial support.

Agenda Item No. 1: Progress of the 2022-23 Batch-1 Research Scholars

- The 2022-23 Batch-1 admitted **112 research scholars who successfully completed** Research Methodology, Research Publication Ethics, and core coursework with 12 credits transferred to Mohan Babu University. Among the 112 research scholars, **96** have completed the comprehensive examination/synopsis presentation, earning an additional **2** credits. These 96 research scholars are eligible to be awarded the Pre-PhD coursework transcript with 14 credits by Mohan Babu University. The complete list of scholars was submitted to the Controller of Examinations for transcript preparation on 5th October 2024, at 3:49 PM. The remaining **16** research scholars have not yet appeared for the comprehensive viva-voce/synopsis presentation.

S.No	Department	Scholars	Recommendation of SRC	Decision of URB
1.	Bio-Technology	2	Members of the SRC recommended for URB approval	Approved. It is recommended to issue transcripts reflecting 14 credits.
2.	CA	2		
3.	Chemistry	1		
4.	Civil	4		
5.	CSE	44		
6.	ECE	22		
7.	EEE	9		
8.	Mathematics	1		
9.	ME	5		
10.	Management	5		
11.	Physics	1		
	Grand Total	96		



NOT YET APPEARED FOR THE COMPREHENSIVE VIVA-VOCE/SYNOPSIS PRESENTATION

S.No	School	Dept.	Roll No.	Name	Recommendation of SRC	Decision of URB
1	SoC	CA	22202R020003	Manasa Kommineni	The SRC members have recommended to the URB that 16 research scholars be permitted to complete their Comprehensive Viva/Synopsis presentation by the end of the next semester.	Approved. The URB members have recommended that 16 research scholars complete their comprehensive Viva/Synopsis presentations by the end of the 5 th Semester.
2	SoC	CSE	22202R010015	Hymavathi Jasti		
3	SoC	CSE	22202R010016	Jidugu Udaykumar		
4	SoC	CSE	22202R010025	Kuntrapakam Divya		
5	SoC	CSE	22202R010033	P. L. Kumar Reddy		
6	SoC	CSE	22202R010039	S. Ramakrishna Raju		
7	SoE	ECE	22201R030008	K. Yogitha Bali		
8	SoE	ECE	22201R030012	M. Sivarama Krishna		
9	SoE	ECE	22201R030019	K. C. Praveen Kumar		
10	SoE	EEE	22201R020002	B. Bhagyamma		
11	SoE	EEE	22201R020007	M. Anand Patil		
12	SoLAS	English	22203R050002	Devaneni Padmaja		
13	SoLAS	English	22203R050003	Kotte Ayyappa		
14	SoLAS	English	22203R050005	P Maruthi Kumar		
15	SoLAS	English	22203R050006	Shaik Arifulla		
16	SoLAS	Maths	22203R100002	T. Sukeerthi		

Agenda Item No. 2: Progress of the 2022-23 Batch-2 Research Scholars

- A total of **91 research scholars have completed** the core coursework subjects in the 2nd semester, showcasing their dedication and commitment to advancing their academic pursuits. However, three scholars Mr.Bharath Kumar Rama (22202R010059, CSE), Mr.Karapakula Anjaneyulu (22202R010069, CSE), and Mr.Narender M (22202R010082, CSE), were not registered for the core coursework.
- The third semester of the 2022-23 Batch-2, consisting of 91 research scholars, is entirely dedicated to the preparation of the synopsis report and the comprehensive viva-voce (CVV). At the beginning of the fourth semester, scholars are required to attend a comprehensive examination.

S.No	Dept.	No. of RS	Recommendation of SRC	Decision of URB
1	Bio-Tech	1	Core coursework completion has been accepted and is recommended for URB approval.	Approved. It is recommended that the comprehensive examination be undertaken after the 3 rd semester.
2	Chemistry	1		
3	Civil	4		
4	CS (MCA)	5		
5	CSE	32		
6	ECE	17		
7	EEE	8		
8	Eng	3		
9	Maths	1		
10	MECH	11		
11	MGT	4		
12	Phy. Edu	3		
13	Physics	1		
	Grand Total	91		

NOT REGISTERED SCHOLARS FOR THE CORE COURSEWORK

S.No	Roll No.	School/Dept.	Mode	Name of RS	Recommendation of SRC	Decision of URB
1	22202R010059	SoC/CSE	PT	B.K.Rama	Coursework completion recommended	Approved
2	22202R010069	SoC/CSE	PT	K.Anjaneyulu		
3	22202R010082	SoC/CSE	PT	M.Narender		

Agenda Item No. 3: Progress of the Batch-3 Research Scholars

- In the 2023-24 Batch-1, a total of 121 research scholars have completed the Research Methodology and Research and Publication Ethics subjects in the 1st semester, showcasing their dedication and commitment to advancing their academic pursuits.

S.No	Dept./School	No. of RS	Recommendation of SRC	Decision of URB
1	Bio-Tech	1	Approved for completion of Research Methodology and Research & Publication Ethics. Recommended for URB approval.	Approved
2	Chemistry	4		
3	Civil	3		
4	Commerce	1		
5	CS (MCA)	7		
6	CS (MSC)	2		
7	CSE	28		
8	ECE	20		
9	EEE	12		
10	English	4		
11	Library Sciences	3		
12	Mathematics	3		
13	MBA	5		
	Phar. Sciences	26		
	Physics	2		
	Grand Total	121		

- Mr.M. Ramu from CSE (23202R010026), has not registered and has not responded to emails or phone calls.

S.No	Dept./School	No. of RS	Recommendation of SRC	Decision of URB
1	CSE/SoC	M. Ramu 23202R010026	It is recommended to remind Mr. M. Ramu from the Dept. of CSE (R. No. 23202R010026) to complete the re-registration process for the course.	Approved

Agenda Item No. 4: List of Admitted Research Scholars in Batch-4

The 2023-24 Batch-2 received 132 PhD admission applications and shortlisted 115 candidates based on the Research Aptitude Test and interview performance. Finally, 103 candidates joined the PhD program.

S.No	Dept. / School	No. of RS	Recommendation of SRC	Decision of URB
	CSE	37	Recommended for URB approval.	Approved
	CS (MCA)	2		
	CS (MSC)	1		
	ECE	8		
	EEE	5		
	ME	5		
	Civil	4		
	Pharmacy	16		
	English	4		
	Physics	1		
	Library Science	3		
	Chemistry	6		
	Mathematics	2		
	BIO-Tech	3		
	Management	5		
	Paramedical	1		
	Total	103		

A three-day workshop was held from 22-08-24 to 24-08-24 at Dasari Auditorium and ED Cell. Prof. N. Sundararajan from Ex. Professor, NTU Singapore and Dr. B.S.Mahanand from JSS Science & Technology University, Mysuru, delivered lecture on the following topics. Esteemed faculties from MBU and 92 Ph.D. research scholars attended.

- Research preparation and planning
- Introduction to Latex
- Hands on session on Latex (Handling sections, figures, tables, references)
- Research resources and literature
- Academic writing & Oral presentation
- Writing research paper/thesis in Latex
- Hands on session on Latex (Writing research paper/thesis)
- Research ethics
- Open access publication and initiatives
- Publications ethics
- Data bases and research metrics

Agenda Item No. 5: Current academic year received/Progress of on-going Government Funded Projects

S.No	Name of the Project, Funding Agency	Principal Investigator/ Co-Investigator	Year of Award	Grant (lakhs)	Duration	Current Status
1	Nurturing Young Minds with Foundation in Artificial Intelligence and	PI: Dr.Narendra Kumar Rao, CSE CO-PI: Dr.P.Vishnu Prasanth, SVEC	2023-24 2024-25	22.60	09 Months	An initial payment of ₹ 18 lakhs was received on 08-07-24. The Principal Investigator is reaching out to schools to organize workshops for the four



	Data Science; Awareness approach for region of Chittoor District					phases, aiming to foster collaboration and engagement within the educational community in Artificial Intelligence and Data Science, with a focus on raising awareness in the local region.
2	Creating awareness on foundations of cloud computing platforms for nurturing innovation in young minds.	Dr. J. Avanija, PI CO-PI: Dr.K.Suresh Dept. of CSE	2022-23	22.90	09 Months	An initial payment of ₹ 17.20 lakhs was received on 03-09-24. The PI is reaching out to schools to organize workshops across four phases, aiming to raise awareness about the fundamentals of cloud computing platforms and foster innovation among young minds in the local region.
3	AMT-DST Funded Project Title: Development of Automated Fixture for Friction Stir Welding of Defence grade AA5083/AA7075 Pipes DST-AMT	Dr. S. Ragu Nathan, ME	2022-23 2023-24	39.89	3 Years	2 nd Phase Received: ₹ 15.94613 Lakhs on 25-10-24 First & Second Year Utility Certificate (UC) and Expenditure Statement (ES) Submitted.
4	Science Technology Innovation Hub DST	Dr. T. Devaraju, EEE	2021-22 2022-23 2023-24	361.3	3 Years	New technologies developed: 4 Technologies deployed: 4 Technology ready for transfer: 1 Number of beneficiaries: 445 Total trainings conducted: 19 Patents published: 2 Articles published: 1 Project completion report submitted to DST 4th August 2023. Waiting for the last installment ₹ 37 Lakhs.
5	IDEA Lab AICTE	Dr. N. Padmaja, ECE	2021-22 2022-23 2023-24	113.96	3 Years	The AICTE team visited the IDEA Lab, SVEC/MBU on 19-8-2024 for Progress Monitoring and a mail was sent to the AICTE requesting for an extension of 6 months to complete the project. Awaiting for the reply. Project Expenditure incurred till date: ₹ 90 Lakhs (out of ₹ 91 Lakhs) Consultancy & Revenue Generated: ₹ 1.03 Lakh (2023-24) Projects executed: 70 (18 during 2023-24) Patents filed: 58 (32 during 2023-24) Number of events organized: 38 (14 during 2023-24)



						Total Number of Beneficiaries: 2471 (1062 during 2023-24)
6	Vignana Vihangam: (Development of School Teachers as Resource Persons in Physics Experiments for Rural Area Students using Low- Cost Teaching Aids)	Dr.M.V.Sasi Kumar, PI, BS&H Dr.Y.B.Kishore Kumar, Co-PI, Dept. of Physics	2022-23 2023-24	29.26	09 Months	Four phases of workshops have been completed, and the project completion report needs to be submitted to DST.
7	Creating Awareness of Basic Science through Science Fair among Rural and Semi-Urban School Students in Chittoor District	Dr. B.Eswari, PI SVDC Co-PIs: Dr. P.Geetha, ECE Dr. Leela Rani, ECE	2022-23 2023-24	22.2	06 Months	Twelve phases of training have been completed, and the project completion report needs to be submitted to DST.
8	AICTE MoE'S Innovation Cell (Mentor Mentee Scheme)	Dr. A.Yasmeen Begum	2023-24 (29 Feb 2024)	2.25	1 Year (2023-24)	Completed and submitted UC and SoE

Agenda Item No. 6: Current academic year received/Progress of on-going Consultancy/Non-Govt. Projects

SNo	Name of the Consultant	Name of Consultancy project	Consulting/Sponsori ng agency with contact details	Year of sanction	Amount (Rs in Lakhs)	Current Status
1	Dr.B.Narend ra Kumar Rao, Dept. of CSE.	EPR & Laboratory Management Software	Crystal Diagnostic Center, 10-13-514, Reddy & Reddy Colony, Tirupati.	2022-23	5.10	Outcomes submitted for paper publication
2	Dr.K.Neelima Asst. Professor, Dept. of ECE.	Hardware and Software Modelling of a Cartesian Gantry Robot	Mectronics Marketing Services, Functional Industrial Estate Patparganj Industrial Area, New Delhi.	2022-23	28.00	Outcomes submitted for Patent filing
3	Dr.Ramesh Raju, Dept. of Mechanical	Process Automation	Sreenidhi Raja Packing Solutions Pvt Ltd, Gajulamandam, Chittoor (Dist), Tirupati.	2022-23	8.81	Completed
4	Dr.B.Narend ra Kumar Rao, Professor, Dept. of CSE.	Performance improvement of Inventory management system by an automated warehouse system	M/s.Kamalveer Systems, Begumpet, Secunderabad, Telangana-500016	2022-23	41.46	Outcomes submitted for paper publication
TOTAL AMOUNT INR					₹ 83.37	



2023-2024

Grant Received				
S.No.	Name of the PI	Dept	Industry/ Company	Grant (Rs.)
1	Dr. S. Ragunathan	ME	R.V. Machine Tools, Coimbatore	15,45,000
2	Dr. M. Sujatha	EEE	Nirvana Solar, Bangalore	21,11,000
3	Dr. M.Sujatha	EEE	GLO-LED Pvt.Ltd., Hyderabad	25,00,000
4	Dr. K.Reddy Madhavi	AIML	Paras Info Tech, Hyderabad	20,89,491
5	Dr. Avanija	AIML	Paras Info Tech, Hyderabad	21,16,012
6	Dr. Ramani	DS	IRSDL, Bangalore	9,00,000
7	Dr.Dharani	ECE	KV Associates, Tirupati	14,80,175
8	Dr.A.Yasmeen	ECE	Transcendent En Tech., Coimbatore	9,48,750
9	Dr.P.Prakash	ME	M/s Sivaram Barrel, Tirupati	16,52,000
10	Mr. Anil Kumar	ECE	I & T Labs, Visakhapatnam	15,00,000
11	Dr.Giridhar Krishna	Agri	Ms Bharathi Seeds, Nandyala, AP	18,00,000
Total ₹				1,86,42,428

Agenda Item No. 7: Progress of on-going Seed Grant Projects

The members suggested reviewing the seed-grant projects quarterly to assess their potential contribution to establishing a research facility. This would enable the Principal Investigator (PI) to draft research proposals for National Funding Agencies focusing on advanced research areas related to interdisciplinary themes.

S.No	Name	Title	Fund in Rs.	Remarks
1	Dr.T.V.V. Satyanarayana, Professor, ECE	Development of Algorithms for Fabric Defect Detection	2,50,000.00	The algorithm has been successfully developed and thoroughly tested. A research article detailing the work has been submitted to a Q ₁ journal for publication.
2	Dr. V.Arun Professor, EEE	Development of Compact Multi-Level Inverter with Reduced Components and On-State Switches for Renewable Energy Application	1,25,000.00	Based on the results, two publications have been published in SCIE Q ₂ journals. The obtained results will be implemented in a hardware model during the current semester.
3	Dr S.Prasanthi, Asso. Professor, Phar	Development of Oral Dosage Form of Daprodustat with Improved Solubility to Treat Anaemia of Chronic Kidney Disease.	2,00,000.00	The formulation development has been completed without the active pharmaceutical ingredient. Approval from the Institutional Animal Ethics Committee has been obtained to conduct the animal studies.
4	Dr. P.Dhanalakshmi, Professor, AIML	Automated Brain Tumor Detection Using Deep Learning Techniques	1,50,000.00	The L-UNET model for brain tumor detection has been developed and is awaiting deployment on a cloud platform.
5	Dr. P.Prakash, Asso. Prof., ME	Development of Metal Foams (Fe & Ni-Cu) by Polymeric Sponge Replication Technique for Lightweight Applications	2,50,000.00	SCIE Journal paper has been published, and a SERB-SURE project proposal has been submitted based on its findings. Concurrently, efforts are underway to develop in-house capabilities for manufacturing metal foams.
TOTAL			₹ 9,75,000.00	

Agenda Item No. 8: Policy for Ph.D. Scholars [Full-Time/Part-Time (Internal/External)] on Thesis Submission and Post-Degree Employment at Mohan Babu University 2024.

POLICY FOR PH.D. SCHOLARS [FULL-TIME/PART-TIME (INTERNAL/EXTERNAL)] ON THESIS SUBMISSION AND POST-DEGREE EMPLOYMENT AT MOHAN BABU UNIVERSITY

1. Purpose

This policy outlines the guidelines for thesis submission and post-degree employment of Ph.D. Scholars [Full-Time/Part-Time (Internal/External)] at Mohan Babu University (MBU). It ensures a clear understanding of their pay scale during the completion of their Ph.D. and the conditions under which they will be transitioned to the Associate Professor pay scale upon meeting specified requirements.

2. Scope

This policy applies to all Ph.D. scholars [Full-Time/Part-Time (Internal/External)] admitted into MBU through Research Aptitude Test and are in the process of completing their doctoral studies.

3. Definitions

Ph.D. Scholar: An individual currently engaged in Ph.D. studies.

Associate Professor Pay Scale: The salary grade and associated benefits designated for an Associate Professor position as per the university's pay structure.

Research Aptitude Test: A common entrance test for any individual to be admitted as research scholar at MBU.

4. Policy Guidelines

4.1. Submission of Thesis by Ph.D. Scholar

- i. The scholars who have done significant work and have publications in Scopus or SCIE Indexed journals can be recommended for the submission of thesis by their respective supervisors on approval from the Vice Chancellor.
- ii. The scholar must have completed their coursework, comprehensive viva, and published in either a Scopus Indexed or SCIE Indexed journal to be eligible to submit their thesis within six months.
- iii. Upon thesis submission, the scholar must meet the publication requirement of having one article in both a Scopus Indexed and an SCIE Indexed journal after six months.

4.2. Appointment as an Associate Professor

- i. The scholar must have over 5 years of teaching/industry/research experience to be appointed/designated as an Associate Professor at MBU.
- ii. The scholar meeting the minimum eligibility criteria will be appointed/designated as an Associate Professor without pay scale.
- iii. He/She must relieve from their existing organization and should join MBU as regular teaching faculty*.
- iv. The scholar appointed as an Associate Professor must carry out his/her research work without the regular teaching load for a period of 3-6 months/till thesis submission whichever is earlier.
- v. Dean-Research & Innovation will identify the suitable candidates and recommend for appointing them as Associate Professors.

4.3. Compensation during Ph.D. Completion

*Ph.D. scholars who are appointed/designated as Associate Professors will receive a consolidated pay equal to the salary as their current employment.

4.4. Transition to Associate Professor Pay Scale

Upon awarding of the degree, the scholar will be placed in the Associate Professor pay scale and all arrears from the date of joining MBU until the degree is awarded will be paid in accordance with MBU norms.

4.5. Condition of Employment

After receiving the degree and transiting to Associate Professor pay scale, he/she must work for MBU for three years. Taking to the effect, he/she will serve 36 months post award of the Ph.D. degree and shall be executed a bond by the candidate. If he/she breaks this bond, he/she must repay the arrears paid for the duration of his/her engagement with MBU.

Thesis Submission:

The 18 scholars from the 2022-23 batch 1 have published in Scopus/WoS journals or conference proceedings, and this information was presented to the committee members. The committee recommended that scholars should publish in Q₁/Q₂ journals as per the JCR. Eligible candidates may submit their thesis early after 2½ years.

S.No	School /Dept	Name & Roll No	Supervisor	Co - Supervisor	Type	Indexed
1	SoC/CSE	Chengamma Ch. 22202R010005	Dr.K.Reddy Madhavi		Article	SCIE (Hold) Q2
2	SoC/CSE	Gudivada Lokesh 22202R010012	Dr. K. Ramani	Dr. K. K. Baseer	IEEE Conference	Scopus
3	SoC/CSE	Jyothsna B 22202r010017	Dr. V. Jyothsna		IEEE Conference	Scopus
4	SoC/CSE	K.Ravi Kumar 22202R010021	Dr. C. Siva Kumar		IEEE Conference	Scopus
5	SoC/CSE	R. Umamaheswari 22202R010038	Dr. J. Avanija		Article	SCIE (Hold) Q2
6	SoC/CSE	Sailaja G 22202R010043	Dr. B. Narendra K. Rao		Book Chapter	Scopus
					Book Chapter	Scopus
7	SoE/ECE	D.V.Supriya 22201R030004	Dr. Avireni Srinivasulu		IEEE Conference	Scopus
					IEEE Conference	Scopus
8	SoE/ECE	M. Ajay Kumar 22201R030010	Dr. H. D. Praveena	Dr. V. V. Kishore	Article	Scopus
9	SoE/ECE	P. Veerareddy 22201R030017	Dr.T.V.V.Sathyanarayana		Article	SCIE - Q4
10	SoE/ECE	P. Sudhakar 22201R030018	Dr. D. Leela Rani	Dr. V. V. Kishore	Article	SCIE - Q2
					AIP Conference	Scopus
11	SoE/ECE	Vijayalakshmi C 22201R030025	Dr. Y. Dileep Kumar		IEEE Conference	Scopus
12	SoE/EEE	Kartheek. V 22201R020003	Dr. D. Suresh Babu		Article	SCIE (Hold) Q2
13	SoE/EEE	Madhuri N S 22201R020006	Dr. S. Prabhu		IEEE Conference	Scopus
14	SoE/EEE	Sudhakar P 22201R020010	Dr. I. Kumaraswamy		Article	Scopus
					IEEE Conference	Scopus
15	SoE/EEE	T. R.Sankar Reddy 22201R020011	Dr. I. Kumaraswamy		2 Article	Scopus
					IEEE Conference	Scopus
16	SoCM/Mng	T. Saritha 22204R020005	Dr. P. Akthar		Article	Scopus
17	SoC/CSE	Nakkala Geetha 22202R010028	Dr. G. Sunitha		Article	SCIE (Hold) Q2
18	SoC/CSE	R Hendra Kumar 22202R010037	Dr. G. Sunitha		Article	SCIE (Hold) Q2



Agenda Item No. 9: Policy on Seed Grant Management and Recovery at Mohan Babu University

1. Introduction Seed grants aim to support initial stages of research projects, enabling faculty to obtain preliminary results and seek larger external funding. To ensure responsible utilization and accountability, the following policy outlines the procedures and implications for incomplete projects or unused funds.

2. Conditions of Seed Grant Use

- The Principal Investigator (PI) must execute the project as per the approved proposal and budget plan.
- Seed grant funds must be utilized exclusively for the approved project objectives and expenditures.
- The PI is required to submit periodic progress reports and a final project completion report to the Research & Innovation Office.

3. Policy on Non-Completion or Underutilization of Funds

- **Non-Completion or Partial or No Use of Funds of Project:** If the seed grant project is not completed by the PI/Co-PI, the PI/Co-PI will be required to repay an additional 10% along with the total sanctioned amount.
- **Reporting and Appeals:** PIs who face legitimate challenges preventing the completion of their project may submit a written appeal to the Research & Innovation Committee. This appeal must include a detailed explanation and evidence of the circumstances that hindered project progress.

4. Enforcement and Recovery Process

- The Research & Innovation Office, in collaboration with the Finance Department, will notify the PI about the non-compliance with the policy.
- **The PI will be required to repay an additional 10% along with the total sanctioned amount within 60 days of notification.**
- Failure to comply with the reimbursement process will result in further administrative action, including the suspension of eligibility for future funding.

5. Responsibilities

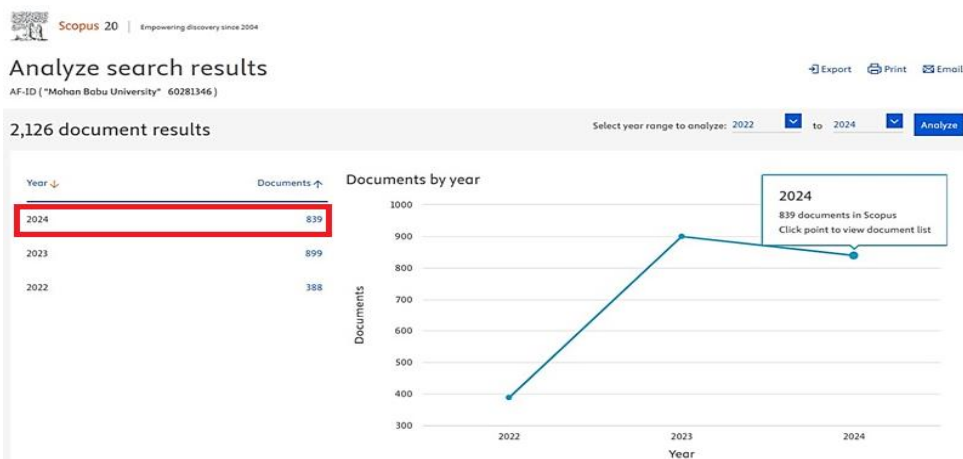
- **Principal Investigators:** Must manage project funds responsibly, ensure the timely completion of the project, and report any challenges as early as possible.

Agenda Item No. 10: Miscellaneous and other points with the permission of the Chair.

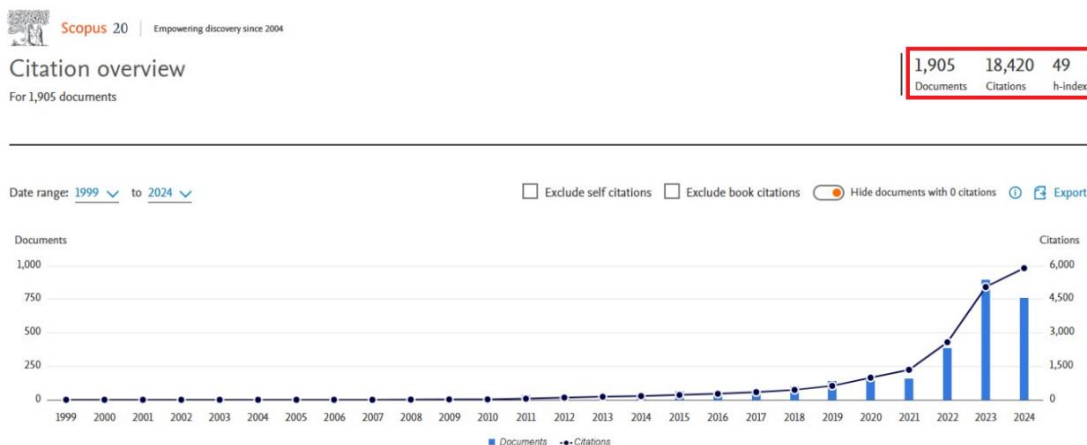
Miscellaneous Points	URB Decision
Mr. S. Shiva Prakash, Registered PhD in VIT-Vellore, 2016 and wants to transfer to MBU, due to timework adjustment.	The URB recommended that Mr. Shiva Prakash should submit his completed Pre-Ph.D. course work information, along with their syllabi and transcripts, to the Dean (Academics), Mohan Babu University for evaluation and verification of equivalence with MBU's Pre-Ph.D. coursework. Based on the Dean's recommendation, Mr. Shiva Prakash may be eligible for a coursework waiver and transfer.
Dr. K. Reddy Madhavi, Convener and Professor in the Department of Computer Science and Engineering (AIML), received a grant of ₹ 1,50,000 from DST-SERB to organize the 6th International Conference on Computer and Communication Technologies.	The URB members commended Dr. K. Reddy Madhavi, Convener and Professor in the Department of Computer Science and Engineering (AIML), for receiving a grant of ₹1,50,000 from DST-SERB to organize the 6th International Conference on Computer and Communication Technologies.

From February 2024 to the present, the university allocated a budget of ₹ 23,92,278/- for faculty allowances related to attendance at conferences, Faculty Development Programs (FDPs), workshops, seminars, and professional society membership fees. This allocation supports faculty members in attending such events and covering associated membership costs, fostering professional development within the academic community.	Appreciated
Ms. Bukke Sravani, R.No: 23202R010025, Research Scholar (CSE) requested for Part-time to Full-time PhD conversion. Mr.G.Krishnamurthy Naidu, R.No: 23105R010003, Research Scholar (Pharmacy) requested for Full-time to Part-time PhD conversion Mr. Chirala Suman Swami Das, R.No: 22204R020001 part-time research scholar got job in IT industry and the semester fee is applicable Rs 50,000/-. Mr.D.Vishnu Vardhan Raju, Roll No: 22202R010006 Part-time research scholar left IT industry job and joined in teaching profession and the semester fee is applicable Rs 30,000/-.	The URB members approved the following changes: Ms.Bukke Sravani from part-time to full-time, Mr.G. Krishnamurthy Naidu from full-time to part-time, Mr.C.H. Suman Swami Das from academia to industry, and Mr.D. Vishnu Vardhan Raju from industry to academia.

A. 2024 Scopus Publications with h-index



- Scopus h-index





B. 2024 Patents

CY	Patents Filed	Patents Published	Patents Granted
2024	40 (Till Date)	40	2

CY	CE	EEE	ME	ECE	CSE	EIE	IT	CSSE	MCA	PHAR	MNG	GEBH	Total
2024		4	1	14	7				5	8	1		40
2023	3	3	5	9	4	4	4	5	2		1	2	42
2022	1	4	7	13	10	4	5	6				8	58
Grand Total													140

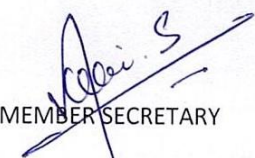
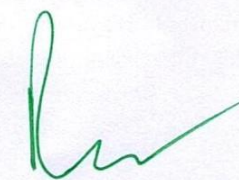
CY	Patents Granted		Design Registrations		Copyright Registrations		Total IPR
	National	International	National	International	National	International	
2024	2		5	2(UK)	1		10
2023				1	1		2
2022			10		2	1	13
TOTAL	2		18		5		25

C. Guidelines for Re-assigning Research Scholars and Addressing Supervisor Transitions:

Re-assigning Research Scholars and Addressing Supervisor Transitions	URB Decision
Due to unforeseen circumstances, some supervisors have left the institute. To ensure the continuity of research, the scholars will continue working on the same topic under a newly assigned supervisor, while the previous supervisor will be retained as a co-supervisor. This arrangement aims to avoid any disruption in the scholars' progress. In cases where a supervisor has left the institute without any publications co-authored with the scholar, the University Research Board (URB) will decide whether to retain or discontinue their involvement.	The URB members recommended that if a research scholar has published with the supervisor in any Scopus/WoS journal or conference proceeding, and the supervisor needs to be relieved from the university due to personal reasons, the supervisor may continue as a co-supervisor. A new supervisor will be assigned based on the recommendation of the SRC.

D. Submitted Funded Projects Details: Annexure. 1

Prof. Avireni Srinivasulu, the Member Secretary, extended his heartfelt gratitude to all internal and external members for their active participation and valuable contributions. He also expressed his sincere thanks to the Provost and Vice-Chancellor for presiding over the meeting and granting the necessary approvals.

 MEMBER SECRETARY
  CHAIRMAN
  HONORARY CHAIRMAN



Provost_4th URB Action Taken Report & Agenda of the Meeting _ NOV 2024.pdf - Adobe Reader

	Rural Area Students using Low- Cost Teaching Aids)	Dept. of Physics				
7	Creating Awareness of Basic Science through Science Fair among Rural and Semi-Urban School Students in Chittoor District	Dr. B.Eswari, PI SVDC Co-PIs: Dr. P.Geetha, ECE Dr. Leela Rani, ECE	2022-23 2023-24	22.2	06 Months	Twelve phases of training have been completed, and the project completion report needs to be submitted to DST.

Agenda Item No. 6: Current academic year received/Progress of on-going Consultancy/Non-Govt. Projects

SNo	Name of the Consultant	Name of Consultancy project	Consulting/Sponsoring agency with contact details	Year of sanction	Amount (Rs in Lakhs)	Current Status
1	Dr.B.Narendra Kumar Rao, Dept. of CSE.	EPR & Laboratory Management Software	Crystal Diagnostic Center, 10-13-514, Reddy & Reddy Colony, Tirupati.	2022-23	5.10	Outcomes submitted for paper publication
2	Dr.K.Neelima, Assistant Professor	Hardware and Software Modelling of a	Melectronics Marketing Services, Functional Industrial Estate, Puttaparthi.	2022-23	28.00	Outcomes submitted for Patent Filing

Dean Research and Innovation Mohan Babu University

Dean Research and Innovation Mohan Babu University

Reddy, Anupama (Delivery...

Professor Srikanta Pal

NR

Ratnam, N...



Snapshots of the attendees of the 4th University Research Board (URB) Meeting, including the Provost, Vice-Chancellor, and distinguished members.

MINUTES OF MEETING OF THE 5th UNIVERSITY RESEARCH BOARD

DT: 30-06-2025.

A meeting of the University Research Board (URB), held on 20.06.2025 at 02.30 PM in blended mode under the chairmanship of Prof. Nagaraj Ramrao, Hon'ble Vice-Chancellor & Provost.

Members:

1. Prof. Nagaraj Ramrao, Hon'ble Vice-Chancellor & Provost	- Chairman
2. Prof. Talabattula Srinivas, Professor, I.I.Sc, Bangalore	- External Member
3. Prof. Srikanta Pal, Professor, Birla Institute of Technology, Mesra	- External Member
4. Smt. Vijayanthi.S, Sr. Director, UPS India Technology Center, Chennai	- External Member
5. Smt. Anupama Reddy, HP WS Managed Solution Org., Bengaluru	- External Member
6. Dr. N. Gireesh, Dean (i/c), SoC & SoE and Dean, SoLAS	- Member
7. Dr. T. Giridhara Krishna, Dean, School of Agriculture	- Member
8. Dr. A. Jagatheesan, Dean, SoPA&HCS	- Member
9. Dr. T. Madhavi, Dean (i/c), School of Commerce & Management	- Member
10. Dr. M. R. Jeyaprakash, Dy. Dean, School of Pharmaceutical Sciences	- Member
11. Dr. D. Karunanidhi, Dy. Dean, Funded Research	- Member
12. Dr. I. Siva, Dy. Dean – IQAC	- Member
13. Dr. M. Sunil Kumar, Controller of Examination	- Member
14. Dr. N. Padmaja, Deputy Dean, Innovations & Patents	- Member
15. Dr. E. Parimalasundar, Deputy Dean – Research	- Member
16. Dr. Avireni Srinivasulu, Dean – R&I	- Member Secretary

Not Present

17. Dr. M. Venkat Ratnam, Scientist & Head, ARTG, NARL	- External Member

At the outset, the Provost, Vice-Chancellor, and Chairman of the University Research Board warmly welcomed all members to the meeting. In his opening remarks, the Chairman highlighted the crucial role of the URB in guiding and advancing the university's research initiatives. The meeting began with the formal approval of the minutes from the previous session, after which the members proceeded to discuss the scheduled agenda items.

RECOMMENDATIONS, SUGGESTED ACTIONS AND AGENDA OF THE MEETING

- I. Research Monitoring Committee (RMC)
It is recommended to conduct RMC meetings four times a year for effective monitoring, timely feedback, and improved scholar progress.
- II. Scholar Interaction
Batch-2 and Batch-3 Scholars: One-on-one interactions to be scheduled at the earliest for better mentoring and progress assessment.
- III. Departmental Action Plan
Each department is directed to formulate an action plan aimed at obtaining basic structured funding to support ongoing research activities.

- IV. Entrepreneurship & Industry Engagement
 Incubation and Startup India Events: To be organized as per the suggestion of Smt. Vijayanthi Srinivasaraghavan.
 Boot Camp – Chennai: Recommended by Smt. Vijayanthi Srinivasaraghavan for enhanced startup exposure.
 Industry-Academic Collaboration: Departments must take focused initiatives to bridge the gap between academic research and industry requirements.
 Hackathon: To be organized under the coordination of Dr. N. Padmaja, Deputy Dean, (Innovations & Patents) to foster innovation and engagement.
- V. Quality Research
 Emphasis must be laid on publishing in quality journals.
 Seed-to-Grant Schemes: These should be expanded in both quantity and quality to encourage impactful research.
- VI. Special Invitees: All Heads of Departments are to be specially invited for the next URB meeting.
 Reconstitution of URB: The Board is to be reconstituted to align with the evolving research priorities of the university.
- VII. Thesis Regulations
 The Examination Section has formally requested the submission of the Thesis Regulations and Guidelines pertaining to the Ph.D. program.

Ph.D. Program.

Agenda Item No. 1: Progress of the Batch-1 Research Scholars

As of today, the 2022–23 Batch-1, 6 research scholars have successfully completed their Comprehensive Examination/Synopsis Presentation, thereby earning an additional 2 credits. These scholars are now eligible to receive the Pre-Ph.D. Coursework Transcript with a total of 14 credits from Mohan Babu University.

To date, a total of 96 research scholars have already completed their Comprehensive Examination/Synopsis Presentation and have been awarded the Pre-Ph.D. Coursework Transcript with 14 credits, as approved by the 4th University Research Board (URB). Additionally, 1 candidate S. Shiva Prakash, (Roll. No: 22202R010041) has been officially exempted from the Pre-Ph.D. Coursework and CVV requirements.

With this, a total of 103 research scholars are now eligible to submit their Ph.D. theses upon fulfilling the mandatory requirement of publishing two research papers—one in a Scopus-indexed journal and another in a Web of Science (SCI/SCI-E)-indexed journal—within the stipulated duration of their respective programs (three years for full-time and four years for part-time scholars). The department-wise publication details of eligible scholars are listed below.

Coursework/CVV Completed RS				Recommendation of SRC	Decision of URB
S.No	School	Department	No. Scholars (Published Papers)		
1	SoC	CS (MCA)	2	The SRC has recommended to the URB that the	i. A total of 103 research scholars are eligible to submit their Ph.D. theses upon meeting the
2		CSE	46 (SCIE-J: 4, S-J: 2,		



Coursework/ CVV Completed RS				Recommendation of SRC	Decision of URB
S.No	School	Department	No. Scholars (Published Papers)		
			S-C: 5)	103 research scholars may be approved once they fulfill the required journal publication criteria for Ph.D. thesis submission.	mandatory requirement of publishing two research papers—one in a Scopus-indexed journal and the other in a Web of Science (SCI/SCI-E)-indexed journal, subject to approval. ii. 16 scholars (with one publication) must meet in person immediately; this high-priority task requires immediate and focused attention. iii. Scholars must complete three years before thesis submission and are encouraged to publish more papers to enhance academic credentials.
3	SoCM	Management	5 (S-J: 2)		
4	SoE	CIVIL	4		
5		ECE	26 (SCIE-J: 1, S-J: 5, S-C: 9)		
6		EEE	9 (SCIE-J: 1, S-J: 1, S-C: 3)		
7		ME	5		
8	SoLAS	Bio-Tech	2		
9		Chemistry	1		
10		Maths	2		
11		Physics	1		
Grand Total			103		

NOT YET APPEARED FOR THE COMPREHENSIVE VIVA-VOCE/SYNOPSIS OR COURSE WORK PRESENTATION

Coursework/CVV Not Completed RS			Recommendation of SRC	Decision of URB
S.No	Roll No.	Dept.		
1	J. Hymavathi, 22202R010015	CSE	The SRC members have recommended to the URB that 11 research scholars be permitted to complete their Comprehensive Viva/Synopsis presentations by the end of the next semester.	Approved.
2	J. Udaykumar, 22202R010016			
3	K. Divya, 22202R010025			
4	R. Nagaraju, 22202R010027			
5	P.L. Kumar Reddy, 22202R010033			
6	B. Bhagyamma, 22201R020002	EEE		
7	Mahesh Patil, 22201R020007			
8	D. Padmaja, 22203R050002	ENGLISH		
9	K. Ayyappa, 22203R050003			
10	P. M. Kumar, 22203R050005			
11	S. Arifulla, 22203R050006			

Agenda Item No. 2: Progress of the Batch-2 Research Scholars

- The 2022-23 Batch-2 admitted **91** research scholars who successfully completed Research Methodology, Research Publication Ethics, and core coursework with 12 credits transferred to Mohan Babu University. Among the 91 research scholars, **72** have completed the comprehensive examination/synopsis presentation, earning an additional **2** credits. These 72 research scholars are eligible to be awarded the Pre-PhD coursework transcript with 14 credits.

CVV Completed RS				Recommendation of SRC	Decision of URB
S.No	School	Department	Scholars		
1	SoC	CS (MCA)	3	It is recommended to the URB that 72 research scholars who have presented their CVV presentations during the	Approved.
2		CSE	28		
3	SoCM	MANAGEMENT	3		
4	SoE	CIVIL	2		



5	SoLAS	ECE	13	current semester be awarded the Pre-PhD Coursework Transcript with 14 credits.	
6		EEE	7		
7		MECHANICAL	8		
8		CHEMISTRY	1		
9		ENGLISH	3		
10		PHYSICAL EDUCATION	3		
11		BIO-TECHNOLOGY	1		
Grand Total			72		

- The following are the details related to the CVV not registered research scholars.

CVV NOT REGISTERED SCHOLARS

CVV Not Registered RS				Recommendation of SRC	Decision of URB
S.No	Name & Roll No.	Department			
1	M. Vijaya Kumar, 22201R010006	CE		The SRC members have recommended to the URB that 19 research scholars be permitted to complete their Comprehensive Viva/Synopsis presentation by the end of the next semester.	According to the amended guidelines, scholars are required to have at least one publication before appearing for the comprehensive viva examination.
2	S. Saraswathi, 22201R010009				
3	N. M. Girish Kumar, 22201R020017	EEE			
4	G. V. Ujwala, 22201R030030	ECE			
5	K. Monica, 22201R030032				
6	B. Mahendranath, 22201R030033				
7	P. Rajesh, 22201R030036				
8	G.B. Kiran, 22201R040006	Mechanical			
9	A. Balakrishna, 22201R040007				
10	S. Kamalesh Rao, 22201R040014				
11	B. Sowjanya, 22202R010058	CSE			
12	T. Bhavya, 22202R010060				
13	M. N. Rao, 22202R010076				
14	U Prem Sagar, 22202R010092				
15	G. Sowjanya, 22202R020008	CS (MCA)			
16	Y. S. Chowdary, 22202R020009	CS (MCA)			
17	S. Tatayya Naidu, 22203R090002	PHYSICS			
18	B. H. Kumar, 22203R100003	Mathematics			
19	P. Naveen Kumar, 22204R020009	Management			

Agenda Item No. 3: Progress of the Batch-3 Research Scholars

- A total of **115** research scholars have successfully completed the core coursework subjects in the second semester, demonstrating their dedication and commitment to advancing their academic goals. The third semester of the 2023–24 Batch-1, comprising these **115** scholars, is fully devoted to the preparation of their synopsis reports and the Comprehensive Viva-Voce (CVV). At the beginning of the fourth semester, all scholars are required to appear for the Comprehensive Examination.

I & II Sem Course Work Completed RS				Recommendation of SRC	Decision of URB
S.No	School	Department	Scholars		
1	SoC	CS (MCA)	6	The SRC members have recommended to the URB that 115 research scholars be permitted to complete their Comprehensive Viva/Synopsis	According to the amended guidelines, scholars are required to have at least one publication before appearing for the
2		CS (MSC)	2		
3		CSE	28		
4	SoCM	Commerce	1		
5		Management	5		
6	SoE	CIVIL	2		
7		ECE	20		



I & II Sem Course Work Completed RS				Recommendation of SRC	Decision of URB
S.No	School	Department	Scholars		
8	SoLAS	EEE	11	presentation by the end of the next semester.	comprehensive viva examination.
9		Bio-Technology	1		
10		Chemistry	3		
11		English	4		
12		Library & Information Sciences	3		
13		Mathematics	3		
14		Physics	2		
15	SoPS	Pharmaceutical Sciences	24		
Grand Total			115		

- However, the following 6 candidates have not registered for the core coursework. Their details are listed below:

I & II Sem Course Work Not Completed RS			Recommendation of SRC	Decision of URB
S.No	Name & R.No	Dept.		
1	K. S. N. Kumar, 23202R020004	CS (MCA)	Coursework completion recommended	Approved.
2	M. Gurunatham, 23201R020012	EEE		
3	S. Sameer, 23201R010003	Civil		
4	N. V. CH. Kiran, 23203R080004	Chemistry		
5	N. Suresh Babu, 23205R010003	Pharmaceutical		
6	R. P. Kumar, 23205R010005	Sciences		

Agenda Item No. 4: Progress of the Batch-4 Research Scholars

- In the 2023-24 Batch-2, a total of 101 research scholars have completed the Research Methodology and Research and Publication Ethics subjects in the 1st semester, showcasing their dedication and commitment to advancing their academic pursuits.

I Sem Course Work Completed RS				Recommendation of SRC	Decision of URB
S.No	School	Department	Scholars		
1	SoC	CS (MCA)	2	Out of 101 scholars eligible for the II Semester Core and Elective Courses, 97 have enrolled and are currently pursuing the core courses. This batch is awaiting the final results, and upon successful completion, they will proceed with the preparation for the Comprehensive Viva-Voce (CVV) in their third semester. Their progression is recommended for URB approval.	Approved. It is recommended that scholars undertake the comprehensive examination after the completion of their 3 rd semester. As per the revised guidelines, they must have at least one publication before appearing for the comprehensive viva examination.
2		CS (MSC)	1		
3		CSE	35		
4	SoCM	Management	5		
5	SoE	ECE	8		
6		EEE	5		
7		ME	5		
8	SoLAS	Bio-Technology	3		
9		CHEMISTRY	6		
10		CIVIL	4		
11		ENGLISH	4		
12		LIBRARY & INFORMATION SCIENCES	3		
13		MATHEMATICS	2		
14		PHYSICS	1		
15	SoPHCS	PHYSIOTHERAPY	1		
16	SoPS	PHARMACEUTICAL SCIENCES	16		
Grand Total			101		

- The following two scholars have not registered for the first semester, and four scholars have not registered for the second semester coursework. Their details are listed below:

I Sem Course Work Not Registered/Completed RS					Recommendation of SRC	Decision of URB
S.No.	School	Department	Roll No.	Scholar Name		
1	SoC	CSE	23202R010059	T. Chandrasekhar	First semester coursework completion recommended	Approved
2			23102R010003	N.S.M. Kumar		
3	SOLAS	LIS	23203R110004	B. S. Kumar	Second semester coursework completion recommended	Approved
4	SOPS	Pharmaceutical Sciences	23205R010021	A. K Sridharan		
5			23205R010022	A. S. M. Y. Ilahi		
6			23205R010034	T. M. P. Chandra		

Agenda Item No. 5: Progress of the Batch-5 Research Scholars

- The 2024–25 Batch-1 admitted scholars have been registered for Research Methodology and Research and Publication Ethics subjects in the first semester.

Pursuing I Sem Course Work RS				Recommendation of SRC	Decision of URB
S.No	School	Department	Scholars		
1	SoC	CS (MCA)	2	Approved for completion of Research Methodology and Research & Publication Ethics. Recommended for URB approval.	Approved
2		CSE	23		
3	SoCM	Commerce	2		
4		Management	1		
5	SoE	Civil	1		
6		ECE	9		
7		EEE	3		
8		Mechanical	1		
9	SoLAS	Bio-Technology	2		
10		Chemistry	5		
11		English	2		
12		Library & Information Sciences	4		
13		Mathematics	1		
14		Physical Education	3		
15	SoPS	Pharmaceutical Sciences	22		
Grand Total			81		

Agenda Item No. 6: List of Admitted Research Scholars in Batch-6

A total of **104** applications were received for the Ph.D. program under the 2024–25 Batch-2 cycle. Based on candidates' performance in the Research Aptitude Test-2025 and interviews, **88** applicants were shortlisted. Subsequently, **81** candidates have formally joined the Ph.D. program. The detailed information is provided below.

Final Qualified for Registration				Recommendation of SRC	Decision of URB
S.No	School	Department	Admitted Candidates		
1	SoA	Agricultural Sciences	1	Recommended for URB approval.	Approved
2	SoC	Computer Science (MCA)	2		
3		Computer Science (MSc)	2		
4		CSE	25		

Final Qualified for Registration				Recommendation of SRC	Decision of URB
S.No	School	Department	Admitted Candidates		
5	SoCM	Commerce	1		
6		Management	3		
7	SoE	Civil	1		
8		ECE	5		
9		EEE	2		
10	SoLAS	Bio - Technology	5		
11		Chemistry	5		
12		English	5		
13		Mathematics	3		
14	SoPHCS	Health & Allied Sciences	5		
15	SoPS	Pharmaceutical Sciences	16		
Grand Total			81		

- A three-day orientation workshop was held from 23rd to 25th June 2025 to enhance the academic and research readiness of newly admitted scholars. Eminent resource persons delivered expert lectures during the program:
 - Prof. N. Sundararajan, Former Professor, NTU Singapore
 - Prof. B. S. Mahanand, JSS Science & Technology University, Mysuru

A total of 81 participants, including faculty members from MBU and Ph.D. research scholars, took part in the workshop. The topics covered during the workshop are listed below:

- Research Preparation and Planning
- Introduction to LaTeX
- Hands-on Session on LaTeX (Managing Sections, Figures, Tables, References)
- Research Resources and Literature Review
- Academic Writing and Oral Presentation Skills
- Writing Research Papers and Thesis using LaTeX
- Advanced Hands-on LaTeX Session (Focused on Paper/Thesis Writing)
- Research Ethics
- Open Access Publications and Related Initiatives
- Publication Ethics
- Research Databases and Metrics

Agenda Item No. 7: Current academic year received/Progress of on-going Government Funded Projects

S.No	Name of the Project, Funding Agency	PI/Co-PI & Year of Award	Grant (lakhs)	Duration	Current Status
1	Nurturing Young Minds with Foundation in Artificial Intelligence and Data Science; Awareness approach for region of Chittoor District	PI: Dr. Narendra Kumar Rao, CSE CO-PI: Dr. P. Vishnu Prasanth, SVEC 2023-24 2024-25	22.60	09 Months	An initial grant of Rs. 18 lakhs was received on 08-07-2024. Utilizing this amount, the Principal Investigator (PI) successfully conducted outreach programme activities at the following schools: ZBH School, Rangampeta; Sree Chaitanya Techno School, Chandragiri; ZBH School, Perumalpalle; and ZBH School, Bakarapeta. Three separate three-day workshops were organized at these institutions to raise awareness about Artificial Intelligence (AI) among



S.No	Name of the Project, Funding Agency	PI/Co-PI & Year of Award	Grant (lakhs)	Duration	Current Status
					school students. The entire sanctioned amount of Rs. 18 lakhs has been fully utilized for these activities. A fourth workshop is in the planning stage, and an additional amount of Rs. 4.6 lakhs is awaited from DST to facilitate its execution.
2	Creating awareness on foundations of cloud computing platforms for nurturing innovation in young minds.	Dr. J. Avanija, PI CO-PI: Dr.K.Suresh Dept. of CSE 2022-23	22.90	09 Months	An initial grant of Rs. 17.20 lakhs was received on 03-09-2024. The Principal Investigator (PI) conducted outreach activities by engaging with nearby schools, including ZBH School, Bakarapeta; Krishna Reddy Chaitanya School, Chandragiri; ZBH School, Rangampeta; and ZBH School, Perumalpalle. Three separate three-day workshops were organized to raise awareness about the fundamentals of cloud computing platforms and to inspire innovation among school students. The entire amount of Rs. 17.20 lakhs has been utilized for these events. A fourth workshop is planned, and an additional Rs. 5.7 lakhs is awaited from DST to proceed with its organization.
3	AMT-DST Funded Project Title: Development of Automated Fixture for Friction Stir Welding of Defence grade AA5083/AA7075 Pipes DST-AMT	Dr. S. Ragu Nathan, ME 2022-23 2023-24	39.89	3 Years	The first phase amount of Rs 24 lakhs has been received and successfully utilized and submitted utilization report. The second phase amount of Rs 6 lakhs and the third phase amount of Rs 6.4 lakhs are yet to be received. The conversion from the individual account to the institutional ZBSA account took some additional time. Recently, the Vigyan Dhara 4305 portal was initiated, but there has been a delay in processing. The PI is currently awaiting the release of the second and third phase of funds, totaling ₹ 12.4 lakhs.
4	Science Technology Innovation Hub DST	Dr. T. Devaraju, EEE 2021-22 2022-23 2023-24	361.3	3 Years	Utilization certificates submitted. Project competition report submitted to DST. Project Outcomes: 1). Two Common Facility Centers (CFCs) and other supporting facilities were created at Ithepalli and Shanambatla villages. 2). Three solar dryers were installed to aid in agricultural processing. 3). 950 individuals were trained to enhance employability in small-scale industries. 4). Three types of bio-fertilizers were produced: Rhizobium bacteria, farm yard manure, and enriched compost.



S.No	Name of the Project, Funding Agency	PI/Co-PI & Year of Award	Grant (lakhs)	Duration	Current Status
					5). Documentation of results for the above bio-fertilizers was completed. 6). Eight medicinal plants were processed and tested for validation. 7). Two patents filed and one paper published
5	IDEA Lab, AICTE	Dr. N. Padmaja, ECE 2020-21 2021-22 2022-23	113.96	3 Years	Utilization Certificate for Recurring & Non Recurring component, Statement of Expenditure along with bills and vouchers, payment receipts, project completion report along with the list of equipment purchased, stock register, bank statement etc., were submitted to AICTE on 28-12-2024 for 2021-22, 2022-23 and 2023-24 for the grant in aid sanctioned for the first phase. The second instalment of the IDEA Lab grant, amounting to ₹ 10.59 lakhs, is still pending and yet to be received from AICTE. Project Outcomes Total Number of Events/Programs Organized till date: 48 Number of Beneficiaries: 2903 Projects Completed and submitted in AICTE IDEA Lab portal using IDEA Lab facilities till date: 108 Patents Filed/ Published using IDEA Lab facilities: 86 Journal & Conference Publications: 45 using idea lab facilities
6	Vignana Vihangam: (Development of School Teachers as Resource Persons in Physics Experiments for Rural Area Students using Low-Cost Teaching Aids)	Dr.M.V.Sasi Kumar, PI, BS&H Dr.Y.B.Kishore Kumar, Co-PI, Dept. of Physics 2022-23 2023-24	29.26	09 Months	Received ₹ 23.4 lakhs, and four phases of workshops have been successfully completed. The Project Completion Report, Utilization Certificate (UC), and Statement of Expenditure (SOE) have been submitted to DST. A balance amount of ₹ 5.86 Lakhs is pending release from DST.
7	Creating Awareness of Basic Science through Science Fair among Rural and Semi-Urban School Students in Chittoor District	Dr. B.Eswari, PI SVDC Co-PIs: Dr. P.Geetha, ECE Dr. Leela Rani, ECE 2022-23 2023-24	22.2	06 Months	An amount of ₹ 18 lakhs was received, and twelve phases of training have been successfully completed. The Project Completion Report, Utilization Certificate (UC), and Statement of Expenditure have been submitted to DST. A balance amount of ₹ 4.2 lakhs is pending release from DST.



Agenda Item No. 8: Current academic year received/Progress of on-going Consultancy/Non-Govt. Projects

SNo	Name of the Consultant	Name of Consultancy project	Consulting/Sponsoring agency with contact details & Year of sanction	Amount (Rs in Lakhs)	Current Status
1	Dr.B.Narendra Kumar Rao, Dept. of CSE.	EPR & Laboratory Management Software	Crystal Diagnostic Center, 10-13-514, Reddy & Reddy Colony, Tirupati, AP. 2022-23	5.10	Developed an ERP solution to maintain operations of Clinical Laboratory through software program Automated product development under progress to improve efficiency and accuracy. After implementation, system with better performance will be released, with which administrative tasks would become easy
2	Dr.K.Neelima Assistant Profesoor, Dept. of ECE.	Hardware and Software Modelling of a Cartesian Gantry Robot	Mectronics Marketing Services, Functional Industrial Estate Patparganj Industrial Area, New Delhi. 2022-23	28.00	Individual component Software Modelling is completed. The software models are yet to be combined and verified as a single unit. The hardware modelling of Cartesian Gantry Robot is under progress
3	Dr.Ramesh Raju, Dept. of Mechanical	Process Automation	Sreenidhi Raja Packing Solutions Pvt Ltd, Gajulamandam, Tirupati, AP 2022-23	8.81	Completed
4	Dr.B.Narendra Kumar Rao, Professor, Dept. of CSE.	Performance improvement of Inventory management system by an automated warehouse system	M/s.Kamalveer Systems, Begumpet, Secunderabad, Telangana-500016 2022-23	41.46	The developed software allocates stock in the warehouse, and testing needs to be conducted.
TOTAL				83.37	

2023-2024

Grant Received					
SNo	Name of the PI	Dept	Industry/ Company	Grant (Rs.)	Current Status
1	Dr. S. Ragunathan	ME	R.V. Machine Tools, Coimbatore	15,45,000	Completed
2	Dr. M. Sujatha	EEE	Nirvana Solar, Bangalore	21,11,000	Completed
3	Dr. M.Sujatha	EEE	GLO-LED Pvt.Ltd., Hyderabad	25,00,000	Completed
4	Dr. K.Ramani	DS	IRSDL, Bangalore	9,00,000	Completed
5	Dr.Dharani	ECE	KV Associates, Tirupati	14,80,175	Completed
6	Dr.A.Yasmeen	ECE	Transcendent En Tech., Coimbatore	9,48,750	Completed
7	Dr.P.Prakash	ME	M/s Sivaram Barrel, Tirupati	16,52,000	Completed
8	Mr. Anil Kumar	ECE	I & T Labs, Visakhapatnam	15,00,000	Completed
9	Dr. K.Reddy Madhavi	AIML	Paras Info Tech, Hyderabad	20,89,491	Ongoing
10	Dr. J.Avanija	AIML	Paras Info Tech, Hyderabad	21,16,012	Ongoing
11	Dr.Giridhar Krishna	Agri	Ms Bharathi Seeds, Nandyala, AP	18,00,000	Ongoing
Total Rs				1,86,42,428	



2024-2025

S.No	Name of the Supplier	Faculty Name and Designation	Amount
1	Technograd, Tirupati	Dr.Suresh Babu Daram, Professor, SOE, MBU	2581793
2	Khethari Agri Tech (OPC) Private Limited, Hyderabad	Dr. M.Kasi Rao, Asst prof. SOA, MBU	1180000
3	SKY Rider Aero Solutions, Chennai	Dr.N.Ashok Kumar, Prof, Dept. of ECE, SOE, MBU	1067613
4	Gayathri Automotive, Tirupati	Dr. TVV Satyanarayana, Prof, Dept. of ECE, SoE, MBU	1037422
5	Swavan International Drugs, Hyderabad	Mr. K.Manas Chakravarthy, Asst Prof and HOD Dept. of SPAHCS, MBU	1177048
6	YSP Scientific Solutions, Chennai	Dr. Mallikarjuna B.P. Prof and Dean SPS,	327941
7	Artificial Intelligence Medical and Engineering Research Society, Vijayawada	Dr. J.Suresh Babu, Professor, SOC	1280700
9	RRR Cloud Solutions Pvt Ltd, Bengaluru	Dr.M.Sowmya Vani, Assoc Prof, Soc MCA	1914000
13	Khethari Agri Tech (OPC) Private Limited, Hyderabad	Dr. D.Sambasiva Rao, HOD&Asst prof. Dept. of SOA	1770000
14	Technograd, Tirupati	Dr. B. Hemanth Kumar, Assoc Prof Dept. of EEE,	1954511
15	Liam Business Solutions Private Limited, Tirupati	Dr. N.Sudhakar Reddy, Proff & HOD Dept. of ECE	1392400
16	Sri Krishna Enterprises, Tirupati	Mr. P.Venkatesh, Asst. Prof Dept. of EEE, SOE	918199
17	Sri Krishna Enterprises, Tirupati	Mr. D.Praveen Kumar, Asst. Prof Dept. of EEE, SOE	845350
19	H Square, Renigunta	Dr.T.Hariprasad, Professor, SOE, Dept of ME	3419375
20	Sree Avamed Pharma, Nellore	Dr. Vema Kiran, Professor, SoPS	1770000
21	Technograd, Tirupati	Dr. R.L.Krupakaran, Professor, ME Dept, SOE	2755876
22	Sri Vignan Technologies, Tirupati	Dr.A.Yasmin Begum, Assoc Prof Dept of ECE, SOE	3000000
		TOTAL	2,83,92,228/-

Agenda Item No. 9: Progress of on-going Seed Grant Projects - 2023

The members suggested reviewing the seed-grant projects quarterly to assess their potential contribution to establishing a research facility. This would enable the Principal Investigator (PI) to draft research proposals for National Funding Agencies focusing on advanced research areas related to interdisciplinary themes.

S.No	Name	Title	Fund in Rs.	Remarks
1	Prof.T.V.V. Satyanarayana, Dept. of ECE	Development of Algorithms for Fabric Defect Detection	2,50,000.00	Design Patent Filed: Ref. No. 451394-001 SCIE Publication Under Review - 1 st Major Revision Submitted. Technology Transfer / Commercialization Initiated with Handloom / Electrical loom weavers at Pullampet, Near Rajampet, Kadapa



S.No	Name	Title	Fund in Rs.	Remarks
				District and Sri Balaji Saree Nikethan, Venkatagiri, Tirupati DT.
2	Dr. V.Arun Professor, EEE	Development of Compact Multi-Level Inverter with Reduced Components and On-State Switches for Renewable Energy Application	1,25,000.00 Completed and UC Submitted	1. Arun, V., Stonier, A.A. & Peter, G. A modified multilevel inverter with modified triangular carrier SPWM approach. Electr Eng 106, 4679–4692 (2024). doi: 10.1007/s00202-024-02237-7 (SCIE) 2. Arun, V., Stonier, A.A. & Peter, G. A modified multilevel inverter with modified triangular carrier SPWM approach. Electr Eng 106, 4679–4692 (2024). doi: 10.1007/s00202-024-02491-9. Project submitted to APSCHE-2024 on 8-1-24 , Rs 10 Lakhs, "Development of Compact Multi-Level Inverter with Reduced Components and On-State Switches for Renewable Energy Application"
3	Dr. S. Prasanthi, Asso. Prof., Phar	Development of oral dosage form of Daprodustat with improved solubility to treat anemia of chronic kidney disease.	2,00,000.00	Preliminary analysis has been completed
4	Prof.P.Dhanalakshmi AIML	Automated Brain Tumor Detection Using Deep Learning Techniques	1,50,000.00	Model developed and data analysis is going
5	Dr. P.Prakash, Asso. Prof., ME	Development of metal foams (Fe & Ni-Cu) by polymeric sponge replication technique for lightweight applications	2,50,000.00 Completed and UC Submitted	1. Gadaparthi, K., Prakash, P., Nathan, S. R., & Raju, V. (2024). Understanding the impact of nickel coating on the mechanical and corrosion behaviour of copper foams. Canadian Metallurgical Quarterly, 1–8. doi:10.1080/00084433.2024.2415261 (SCI) 2. Gadaparthi, K., & Prakash, P. (2025). Effect of pore size and porosity on the thermal conductivity of alumina and zirconia-toughened alumina porous structures. Canadian Metallurgical Quarterly, 1–9. doi:10.1080/00084433.2025.2470084 (SCI) Project submitted to SUR/2023/005089
TOTAL			₹ 9,75,000.00	

Progress of on-going Seed Grant Projects - 2024

S.No	Name	Title	Fund in Rs.	Remarks
1	Dr. P. Thejasree, PI Associate Professor Prof. N.Manikandan, Co-PI. Dept. of ME,	Development of Machine Learning based prediction tool and characterization of Additively Manufactured components	1,30,000.00	The preliminary phase including the selection of appropriate materials for FDM process has been completed. Material Procurement is under process. Once the materials are procured, the experimental phase will be started.
2	Dr. C. Venkata Sudhakar, PI Associate Professor Mr. M. Venkata Naresh, Co-PI Asst. Professor, ECE	Mapping and Analysis of Heat Islands for Smart and Sustainable City Development Using Remote Sensing and Deep Learning Methods	2,60,000.00	Currently Literature is done and communicated a survey paper to reputed Indexed journal, currently under review status. Remaining Work under Progress.



S.No	Name	Title	Fund in Rs.	Remarks
3	Dr. Kuruva Mallikarjuna, PI Assistant Professor Agriculture	Manipulating flower sex ratio in ridge gourd through growth regulators	50,000.00	Contacting the agriculture research stations for procurement of planting materials. it is a rabi crop due to off season we couldn't rise the crop in the fourth coming season and the proposed study will be taken up in the fourth coming suitable Rabi season
4	Dr. P. Hemalatha, Associate Professor Agriculture	Investigation of Different Priming Methods on Germination and Growth Parameters of Groundnut (Arachis hypogea L.)	3,00,000.00	Germplasm collection is under progress. Due to off season the crop was not raised. The crop will be sown during Kharif season, 2025
5	Dr. K. Padmaja, Associate Professor AIML	Analytical Studies for The Selection of Appropriate Encryption Techniques Using Machine Learning Algorithms	1,00,000.00	The literature review has been completed. Further development is in progress.
6	Dr. S. Dilli Babu, Associate Professor CSE	Improved BIRCH Segmentation with Deep Ensemble Classifier for Brain Tumour Classification using MRI Image	85,000.00	The project employs Adaptive Progressive Convolutional GANs (APCGANs) for accurate brain tumor segmentation and classification using multimodal MRI. A prototype clinical decision support tool is under development, with commercialization explored via a health-tech startup. Internal testing shows >75% radiologist recognition. MoU discussions with clinical partners are ongoing.
7	Dr. V. Madhu Mohan, Assistant Professor, Physics Dr. S. Ibrahim Khalivulla, Co-PI, Dept of Chemistry, SoLAS.	Development of High Voltage Energy Storage Advanced Sodium Ion batteries	2,06,000.00	Quotations were received from the companies; however, due to the completion of the financial year, the amount was returned to MBU. Fresh quotations are now being obtained from vendors for the procurement of chemicals.
TOTAL			₹ 11,31,000.00	

Agenda Item No. 10: Decisions Taken / Recommendations.

Miscellaneous Points	URB Decision
Request for Removal of External Co-Supervisor N. Venkata Siva Reddy, Reg. No: 22202R010080, a Research Scholar from the 2022–23 Batch-2 of CSE, has requested to work under the main supervisor only and sought the removal of the Co-Supervisor, Dr. Sirisala Nageswara Rao, KSRM College of Engineering, Kadapa. The scholar claims that he has not received any assistance or research guidance so far from the external Co-Supervisor.	The URB recommended that research scholar B. N. Venkata Siva Reddy (Reg. No: 22202R010080) is required to obtain and submit a No Objection Certificate (NoC) from the co-supervisor, Dr. Sirisala Nageswara Rao, KSRM College of Engineering, Kadapa.
Industrial Fee Approval Details 1)Y. V. S. Vaishnava Reddy (Roll No: 22202R010052), previously working at SSIT Engineering College, Rayachoti, has now transitioned to an administrative role at YVNR Degree College, Rayachoti. His fee has been approved under the industrial category at Rs 50,000 per semester. 2)V. Mrudula (Roll No: 22203R010002), a research scholar under the supervision of Dr. M. M. Kesavulu, Department of	Approved.



Miscellaneous Points	URB Decision
Biological and Chemical Sciences, is currently employed as a Junior Embryologist at Vignesh Fertility & Children Hospital, Vijayawada. Her fee is approved under the industrial category at Rs 50,000 per semester. 3) S. Suneetha (Roll No: 22203Z010002) is now working as an Embryologist at Oasis Fertility, Tirupati. Her fee has also been approved under the industrial category at Rs 50,000 per semester.	
Full-time to Part-time Ph.D N. Madankumar (Reg. No: 22102R010026), a Research Scholar in the Department of Computer Science and Engineering (CSE), has requested a conversion from Full-time to Part-time Ph.D. status. He is currently employed as an Advanced IT Developer at Novo Nordisk Service India Pvt. Ltd., Bangalore. As per the regulations, he is required to pay a fee of Rs 50,000 per semester.	Approved.
Authorization for Receiving Financial Assistance from SERB The academic faculty members of Mohan Babu University intend to seek financial assistance for research projects and for the organization of conferences, seminars, workshops, and faculty development programs from various national funding agencies such as DST, SERB, AICTE, DAE-BRNS, ICMR, ISRO, CSIR, and others. As per the guidelines of the Anusandhan National Research Foundation (ANRF), it is mandatory to submit a resolution passed by the Governing Council authorizing the Head of the Institution to receive financial assistance from the Science and Engineering Research Board (SERB). Hence, the matter is hereby submitted for the consideration and approval of the University Research Board.	Approved.
Transfer of Technology (ToT): 1) The patent application No. 202141007324, filed at the Chennai Patent Office on 22nd February 2021, was officially granted on 15th May 2024 under Patent No. 538048. A key milestone in this journey is the successful technology transfer of the invention titled "A Smart Wearable Travel Support System for Supervising Visually Impaired People." This innovation was developed by Dr. Pydala Bhasha, Dr. V. Jyothsna, Ms. E. Sandhya, Ms. C. Silpa, Mr. P. Srinivasa Reddi, and Ms. Ch.Prathima of Mohan Babu University, which is also the original applicant. The patented technology was officially transferred to Youngminds Technology Solutions Pvt. Ltd., Balaji Colony, Tirupati-517502, Andhra Pradesh, on 23-10-2025. The transfer was executed in full accordance with all applicable legal and intellectual property regulations. 2) Another patent, titled "Intelligent Shopping Assistance and In-Store Navigation Using Aerial Drones" (Grant No. 508899, dated 09-02-2024), is currently undergoing technology transfer. In addition, two more patents were granted in the first quarter of 2025, and active efforts are in progress to facilitate their technology transfer.	Appreciated.

Miscellaneous Points	URB Decision
Space Technology: A course/module in space technology. The Department of Electronics and Communication Engineering is offering a course on Satellite Communications for the B.Tech, VI Semester (MBU22) under the course code 22EC101036. The curriculum has been enhanced with Experiential Learning Components, including key topics such as ISRO's upcoming Gaganyaan mission and the operational principles of NAVIC, India's regional navigation satellite system developed by ISRO. Additionally, a University Core course titled Fundamentals of Space Science and Engineering may be introduced for interested students, offering 2 or 3 credits. The syllabus has been prepared by the Department of Artificial Intelligence and Machine Learning (AIML) and is pending approval by the Academic Council. Once approved, it will be implemented in the next academic curriculum. This course offers a comprehensive overview of the Fundamentals of Space Science and Astronomy, Space Environment and Atmospheric Science, Space Technology and Instrumentation, Measurement and Data Analysis, Remote Sensing and its Applications, Project Work, and Emerging Topics in the field.	The URB suggests that, upon Academic Council approval, this new core course be formally introduced into the next academic curriculum cycle.
STARTUPS: The V-Hub Innovation Centre at Mohan Babu University is incubating five promising tech-driven startups founded between 2023 and 2025. 1) Influence Fusion (2024), led by A. Balajii Swaroop, empowers regional brands and student creators through AI-enabled influencer marketing, generating ₹ 50,000/month. 2) Fugen AI (2024), founded by K. Punith, provides personalized fashion recommendations using AI and virtual try-ons, with a beta app underway. 3) Lrnbuddy.in (2025), by G. Santhosh, is a peer-to-peer academic platform offering affordable notes and mentorship, with 350+ users. 4) niGa (2025), developed by a student team, enhances agriculture via AI-powered drone solutions for disease detection and pesticide precision, and has filed a patent. 5) OrcadeHub (2023), co-founded by G. Ajith Kumar and Chandrika, offers MERN stack and corporate tech training to bridge academic-industry gaps. These startups share a strong focus on leveraging AI, digital platforms, and affordability to deliver scalable, real-world solutions across marketing, education, fashion, and agriculture.	Appreciated.

- A. The consolidated budget allocated for the Financial Year 2025–26 is Rs **4,72,50,000/-** covering diverse academic and research initiatives. It includes seed grants for all schools, support for faculty and students to attend national/international events, travel allowances, and incentives for externally funded projects. Substantial funds are allotted for stipends to full-time PhD scholars and honoraria to external academic bodies. Provision is made for performance rewards and

professional development. The budget also supports student-led innovations, hackathons, IPR filing ($\approx 150/\text{year}$), and central instrumentation facilities. Annexure-1

The MBU has disbursed over ₹ 14 lakhs in research incentives and annual awards for the year 2024. These incentives recognize excellence in Journal and Book Chapter publications, and outstanding contributions in event management and professional activities. Awards were presented for Best Event Management, Best Student Professional Society, Best Cultural/Sports/Hobby/CSR Activities, Best Conference Organized, and Best FDP Organized. The financial support reflects the university's commitment to promoting research, innovation, and holistic development. The following faculty members have been recognized for their exemplary contributions across various domains, reinforcing the culture of academic and extracurricular excellence at the institution.

AWARDS

Name of the Award	Name of the Top Scorer	Dept	School
Best Event Management	Mr. S. S. Siva Sagar	Paramedical	SoPAHCS
Best Student Professional Society	Dr. B.Reddy Hemanth Kumar	EEE	SoE
Best Cultural/ Sports/Hobby/CSR	Dr. P.Thejasree	ME	SoE
Best Conference Organized	Dr. K.Reddy Madhavi	AI&ML	SoC
Best FDP Organized	Dr. I.Siva	ME	SoE
Exemplary Academic Leadership Award	Dr. B. Narendra Kumar Rao & Dr. N. Sudhakar Reddy	AI&ML ECE	SoC SoE

S No	Category	Name	Total Indexed (J+C+BC)
1	Best Researcher	Prof. N. Ashok Kumar (ECE)	31
2	Second Best Researcher	Prof. M. Sunil Kumar (CSE)	28
3	Third Best Researcher	Prof. V. Arun (EEE)	23
5	Highest No. of Patents	Dr. S. Varalakshmi (Pharmacy)	5
6	Second Highest No. of Patents	Prof. N. Padmaja (ECE)	4
7	Third Highest No. of Patents	(Dr). S. Girinath (CA)	4

INCENTIVES

SNo	Dept	Name	Designation	Jour. (J)	Conf. (C)	Book Chap.	Total
1	ECE	Prof. N. Padmaja	Dy. Dean (Innovation & Patents)	9	6		15
2	EEE	Prof. E. Parimalasundar	Dy. Dean (Research)	8	6	2	16
3	CSE	Prof. M. Sunil Kumar	CoE	10	18		28
4	ECE	Prof. Avireni Srinivasulu	Dean (Research & Innovation)	5	6		11
5	CSE	Prof. G. Sunitha	Program Head	3	6	5	14
6	AIML	Prof. K.Reddy Madhavi	Dy. Dean (AR)	4	5	2	11
7	AIML	Prof. B. Narendra Kumar Rao	Program Head	2	6	7	15
8	AIML	Dr. J. Avanija	Dy. Dean (Acad. Programs & Training)	2	4	7	13
9	DS	Dr. V. Jyothsna	Dy. Dean (Academics) & Assoc. Professor	2	8	1	11



Professor

1	EEE	Dr. V. Arun	Professor	8	15		23
2	ME	Dr. N. Manikandan	Professor	7	12		19
3	ECE	Dr. N. Ashok Kumar	Professor	7	23	1	31
4	ECE	Dr. T. V. V. Satyanarayana	Professor	4	6	2	12
5	AIML	Dr. P. Dhanalakshmi	Professor	4	8	2	14
6	Phar	Dr. P. Dharani Prasad	Professor	8	2		10
7	ME	Dr. B. Sachuthanathan	Professor	4	6	1	11
8	EEE	Dr. NMG Kumar	Professor	5	4	1	10

Associate Professor

1	ECE	Dr. A. Kishore Kumar	Associate Professor	5	7		12
2	ME	Dr. P. Prakash	Associate Professor	7	3		10
3	EEE	Dr. S. Prabhu	Associate Professor	5	3		8
4	ME	Dr. P. Thejasree	Associate Professor	5	10	1	16
5	ECE	Dr. A. Yasmine Begum	Associate Professor	2	5	1	8

Assistant Professor

1	Maths	Dr. N. Taraka Ramu	Assistant Professor	10			10
2	EEE	Dr. B. Hemanth Kumar	Assistant Professor	7	5	1	13
3	ECE	Dr. K. Neelima	Assistant Professor	5	3	4	12
4	CSE	Mr. A. Basi Reddy	Assistant Professor	4	16		20
5	EEE	Mr. BV Sai Thrinath	Assistant Professor	5	8		13
6	DS	Mrs. Ch. Prathima	Assistant Professor	3	12	2	17
7	ECE	Dr. M. Bharathi	Assistant Professor	2	3	3	8
8	DS	Mr. P. Bhasha	Assistant Professor	2	3	1	6

Interdisciplinary Conferences Information

- B. A total of 19 conferences are planned across various departments in 2025. Schools such as SoLAS, SoA, SoC, SoE, SoPS, SoPAHS, and SoCM are actively involved, with departments like EEE, ECE, AIML, and Agricultural Sciences hosting multiple events, reflecting a strong academic and interdisciplinary engagement.

Received a seminar grant of Rs 2,00,000/- from DST-ANRF for organizing the Seminar on “Generative AI in Healthcare: Technologies, Applications, and Evaluation”, held from 26th to 30th May 2025 at the School of Computing, Department of CSE.

Additionally, secured a sponsorship of Rs 25,000/- from Satva-Infotech and Hervik-Healthcare Pvt. Ltd. for the 2nd National Conference on “Emerging Technologies, Business, Sustainable Innovative Business Practices, and Social Well-being” (ETBSBS-2025), conducted on 2nd –3rd April 2025 at the School of Commerce and Management.

S.No.	School	Department	No. of Conf. Planned in 2025
1	SoLAS	English	1
2		Biological and Chemical Sciences	1
3	SoA	Agricultural Sciences	2
4	SoC	AIML	2
5		DS	1
6		CA	1
7	SoE	EEE	2
8		ECE	2

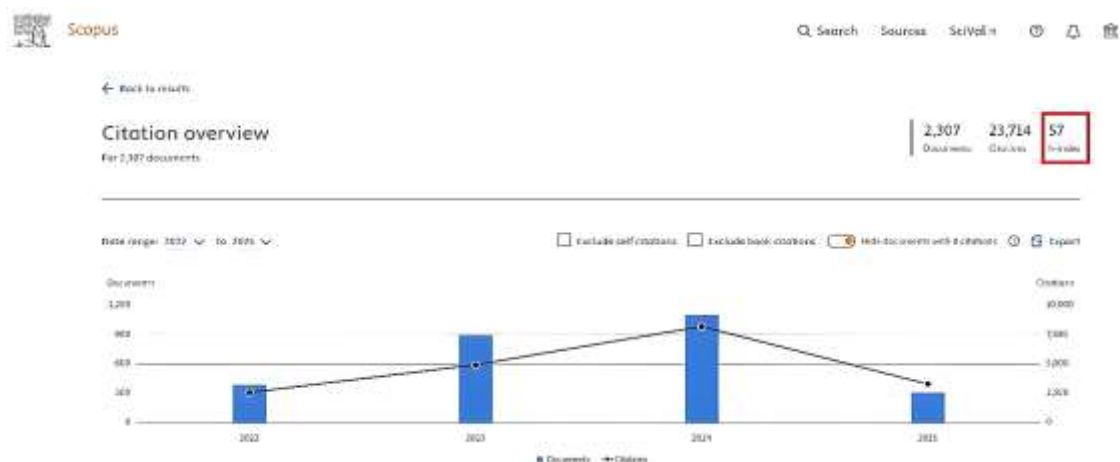
9		Mechanical	1
10	SoPS	Pharmaceutical Sciences	2
11	SoPAHS	Paramedical and Allied Health Sciences	2
12	SoCM	Commerce and Management	2
Total			19

S.No	School	Name of the Conference/Seminar Convener and date	Reg. Fee & No. of Papers	Funding (in ₹)
1	SoE ECE	2 nd International conference on intelligent Electronic and Communication devices (IECOM-2025), 12-14 March 2025 Dr. N. Ashok Kumar and Dr. P. Geetha, Co-Conv. KEY NOTE SPEAKERS 1. Prof. T. Srinivas, IISc, Bangalore 2. Prof. S.K.Vishvakarma, IIT, Indore 3. Prof. Christian Ravariu, Technical University of Bucharest, Romania 4. Dr. K. Sondra Pandian, Scientist, MEIT, Govt of India, NewDelhi	₹ 1,85,250/- 200	Nil
2	SoCM Mng	2 nd National Conference on “Emerging Technologies, Business, Sustainable Innovative Business Practices, and Social Well-being” (ETBSBS-2025), 02-03 April, 2025 Dr. D. Rajesh Babu and Dr. P. Akthar, Co-Conv. KEY NOTE SPEAKERS 1. Dr. Charan Singh, International Trade & Economic Reforms. 2. Dr. Chandranath Bhatla, Cognizant Technology Solutions. 3. Mr. Debashish Ghosh, Berkadia, Mentor & Career Guide	₹ 67500/- 71	Satva-infotech, Hervik-healthcare Pvt Ltd, ₹ 25,000
3	SoC AIML	4 th National Conference on Knowledge, Innovations and Technologies for Sustainability, 25-26 April, 2025 Dr. P. Dhanalakshmi and Dr. K. Padmaja, Co-Conv. KEY NOTE SPEAKER Mr. S.Kartik Narayanan, Delivery Manager, WIPRO, Bangalore	₹ 70500/- 141	Nil
4	SoC CSE	ANRF Sponsered Seminar on GenAI in Healthcare: Technologies, Applications and Evaluation, 26-30 May 2025 Dr. B. Rama Subba Reddy & Dr. M. Sunil Kumar KEY NOTE SPEAKER Prof. RBV Subramanyam, Dept. CSE, NIT - Warangal	₹ 24,000/-	DST, ANRF SSY/2024/002252 ₹ 2,00,000

C. 2025 Scopus Publications 472 with h-index – 57



- Scopus h-index



D. 2025 Patents

YEAR	IPR (P+D+C)	Total = 280
2025	50 + 2 + 0	52
2024	62 + 28 + 1	91
2023	55 + 10 + 1	66
2022	58 + 10 + 3	71

YEAR	CE	EEE	ME	ECE	CSE	EIE	IT	CSSE	MCA	PHAR	MNG	GEBH	Total
2025		9	5	22	6			4		3	1		50
2024		8	2	26	8				4	13	1		62
2023	4	6	4	11	6	4	4	5	2	3	2	4	55
2022	1	4	7	13	10	4	5	6				8	58
Total													225

YEAR	Design Registrations		Copyright Registrations		Total IPR
	National	International	National	International	
2025	2				2
2024	13	15(UK)	1		29
2023	3	7 (UK)	1		11
2022	10		2	1	13
Total	50		5		55

GRANTED PATENTS DETAILS

S.No	Year	Application No	Date of Filing	Date of Publishing	Date of Grant	Granted PN
1	2025	201941020225	22-05-2019	07-06-2019	29-04-2025	565708
2		202241029619	23-05-2022	17-06-2022	28-04-2025	565657
3	2024	201841044312	24-11-2018	30-11-2018	09-02-2024	508899
4		202141007324	22-02-2021	26-02-2021	15-05-2024	538048
5	2023	202141019857	30-04-2021	07-05-2021	01-08-2023	442068

Prof. Avireni Srinivasulu, the Member Secretary, extended his heartfelt gratitude to all internal and external members for their active participation and valuable contributions. He also expressed his sincere thanks to the Vice-Chancellor for presiding over the meeting and granting the necessary approvals.


 MEMBER SECRETARY
 
 CHAIRMAN



Annexure-14.h



MOHAN BABU UNIVERSITY

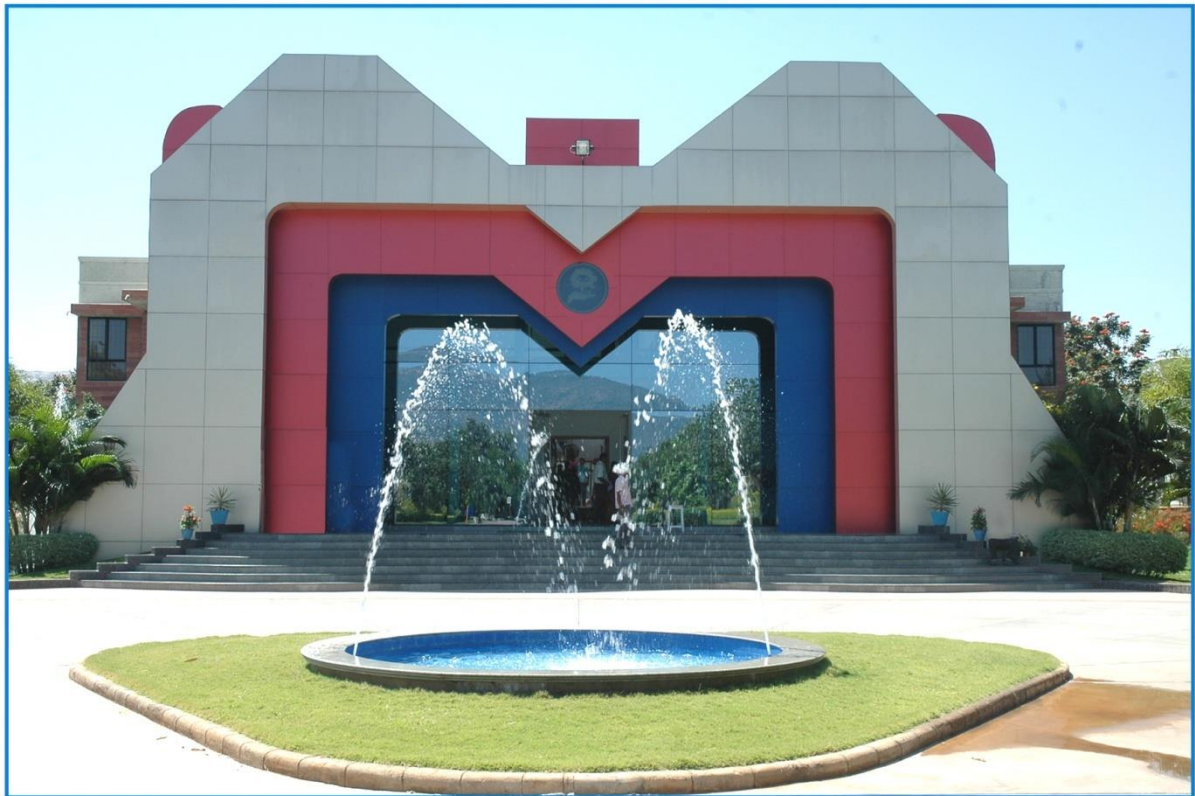
Sree Sainath Nagar, Tirupati 517 102

BOARD OF EXAMINATIONS- MINUTES OF MEETING

Name of the Meeting	Academic Year	Date
3 rd Board of Examinations Meeting	2023-24	15.07.2023
4 th Board of Examinations Meeting		04.02.2024
5 th Board of Examinations Meeting	2024-25	20.07.2024
6 th Board of Examinations Meeting		28.06.2025


REGISTRAR
MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

3rd Meeting of the Board of Examinations



MINUTES OF THE MEETING

15th July, 2023

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

**(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016 & 40 of 2023))**

MINUTES OF THE 3rd MEETING OF THE BOARD OF EXAMINATIONS

Venue: MBU Campus

Date & Time: 15th July, 2023 at 03:00 PM

Item No.: 1

Welcome the Members of the Board of Examinations by the Chairperson

Welcome of all the esteemed members of the Board of examinations by the Chair for the 3rd Meeting.

S. No.	Name	Designation	Position in Academic Council
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (Ex-Officio)
2.	Dr. B. M. Satish	Dean, School of Engineering	Member
3.	Dr. Arun Mudhol	Dean, School of Commerce and Management	Member
4.	Dr. Ajmer Mohan Singh	Dean, School of Liberal Arts and Sciences	Member
5.	Dr. Anna Balaji	Dean, School of Pharmaceutical Sciences	Member
6.	Dr. Chandrakaladhar Reddy	Head-Physiotherapy	Member
7.	Mr. K. Manas Chakravarthy	Head-Paramedical	Member
8.	Dr. Gowri Shankar Rao	Dean, School of Agriculture	Member
9.	Prof. D. Neeraja	Professor & Head, Dept. of CE, JNTUACE, Kalikiri	Member (Lady)
10.	Dr. Moorthy Veeraswamy	Controller of Examinations	Member Secretary (Ex-Officio)

The Chairperson welcomed all the esteemed members of the Board of Examinations and requested the Member Secretary to present the agenda points.

AGENDA ITEMS FOR APPROVAL:

Item No.: 2

Action taken report of the 2nd meeting

Presented the Action Taken Report of the 2nd BOE Meeting.

- As per the approved guidelines of the 3rd BOM, Exam section is implementing the condonation Fee & fines for the Late Fee Payment.
- Purchase Order issued for the Procurement of Grade Sheets.

Item No.: 3

Conduction and declaration of MBUCET 2023 results

Presented the MBUCET Results to the Committee which is was Conducted in
Two Phases: MBUCET Phase-I: April 27th-29th ,2023 and
MBUCET Phase-II: June 29th-July 1st ,2023

Decision:

The Board reviewed the MBUCET Results of both the Phases and Appreciated the Aspirants

Item No.: 4

Result Analysis for the academic year 2022-23.

The II Semester Results were Presented to the Committee Members

Decision:

The Board reviewed the II Semester Results of Various Schools and Appreciated the students' performance

Item No.: 5

Procurement of Answer Booklets

Proposed to Procure the Theory & Practical Answer Booklets for both internal and External Examinations.

Decision:

The Board approved the Purchase of the Booklets

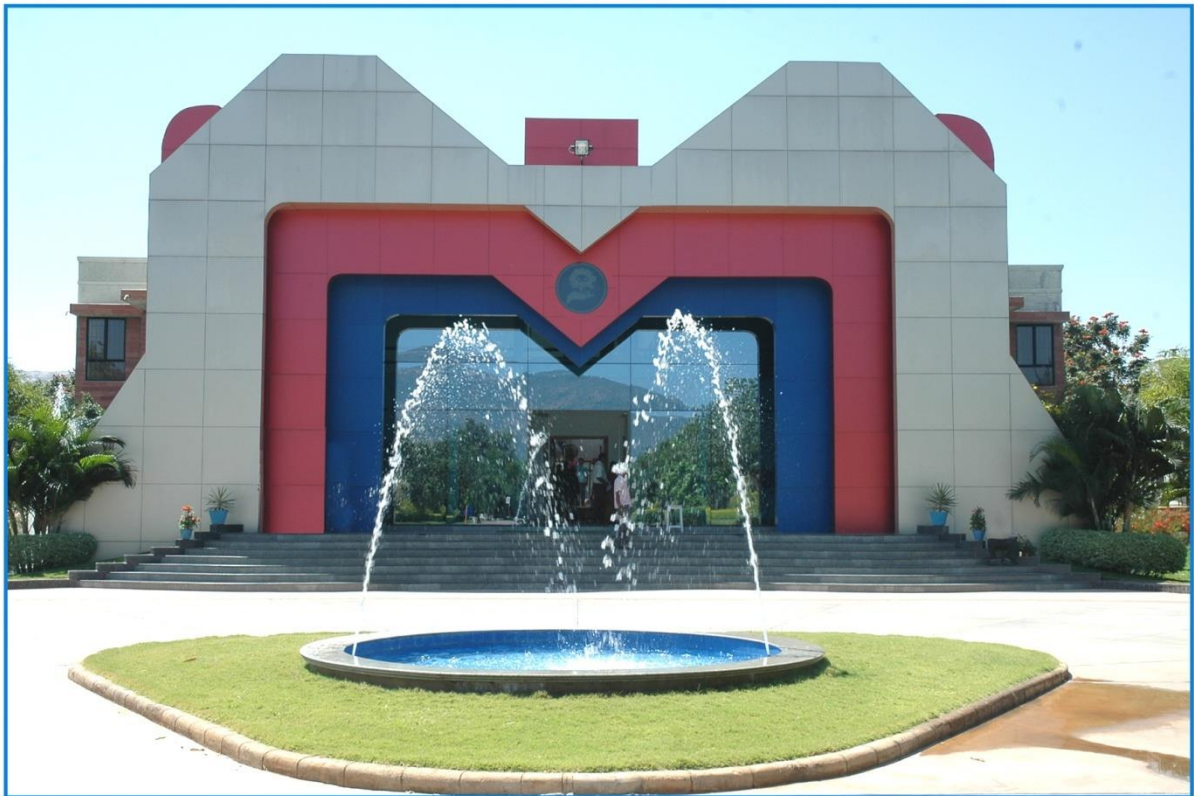
Item No.: 6

Any other Item:

The Board Discussed the Rules and Regulations for the Fast track Examinations

Controller of Examinations and Member Secretary

4th Meeting of the Board of Examinations



MINUTES OF THE MEETING

04th February, 2024

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

**(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016 & 40 of 2023))**

MINUTES OF THE 4th MEETING OF THE BOARD OF EXAMINATIONS

Venue: MBU Campus

Date & Time: 04th February, 2024 at 04:00 PM

Item No.: 1

Welcome the Members of the Board of Examinations by the Chairperson

Welcome of all the esteemed members of the Board of examinations by the Chair for the 4th Meeting.

S. No.	Name	Designation	Position in Academic Council
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (Ex-Officio)
2.	Dr. B. M. Satish	Dean, School of Engineering	Member
3.	Dr. Naresh	I/c Dean, School of Commerce and Management	Member
4.	Dr. N. Gireesh	I/c Dean, School of Liberal Arts and Sciences	Member
5.	Dr. B. Mallikarjuna Rao	Dean, School of Pharmaceutical Sciences	Member
6.	Dr. A. Jagadeeshan	Dean, School of Paramedical, Allied and Healthcare Sciences	Member
7.	Dr. T. Giridhar Krishna Reddy	Dean, School of Agriculture	Member
8.	Prof. D. Neeraja	Professor & Head, Dept. of CE, JNTUACE, Kalikiri	Member (Lady)
9.	Dr. Moorthy Veeraswamy	Controller of Examinations	Member Secretary (Ex-Officio)

The Chairperson welcomed all the esteemed members of the Board of Examinations and requested the Member Secretary to present the agenda points.

AGENDA ITEMS FOR APPROVAL:

Item No.: 2

Action taken report of the 3rd meeting

Presented the Action Taken Report of the 3rd BOE Meeting.

- Purchase Order issued for the Procurement of Booklets.

Item No.: 3

Result Analysis for the academic year 2023-24.

The III Semester Results of all the Schools were Presented to the Committee Members

Decision:

The Board reviewed the Result Analysis all the Schools of III Semester and Appreciated the Deans and HOD's

Item No.: 4

Proposed fee for Re-registration of course

The Proposed fee for Re-registration of the Course is as follows:

B.Tech:Rs.7500/- All III years UG Programs:3000/- PG Programs:Rs.5000/-

Decision:

The Board reviewed the Re-Registration fee and Approved the same

Item No.: 5

Proposed to Procure the Original Degree, Consolidate Grade Sheet, PC & MC certificates

Proposed to Procure the Original Degree, Consolidate Grade Sheet, PC & MC certificates of 5000 each.

Decision:

The Board approved the Purchase of the certificates as per the rates approved in the Finance Committee.

Item No.: 6

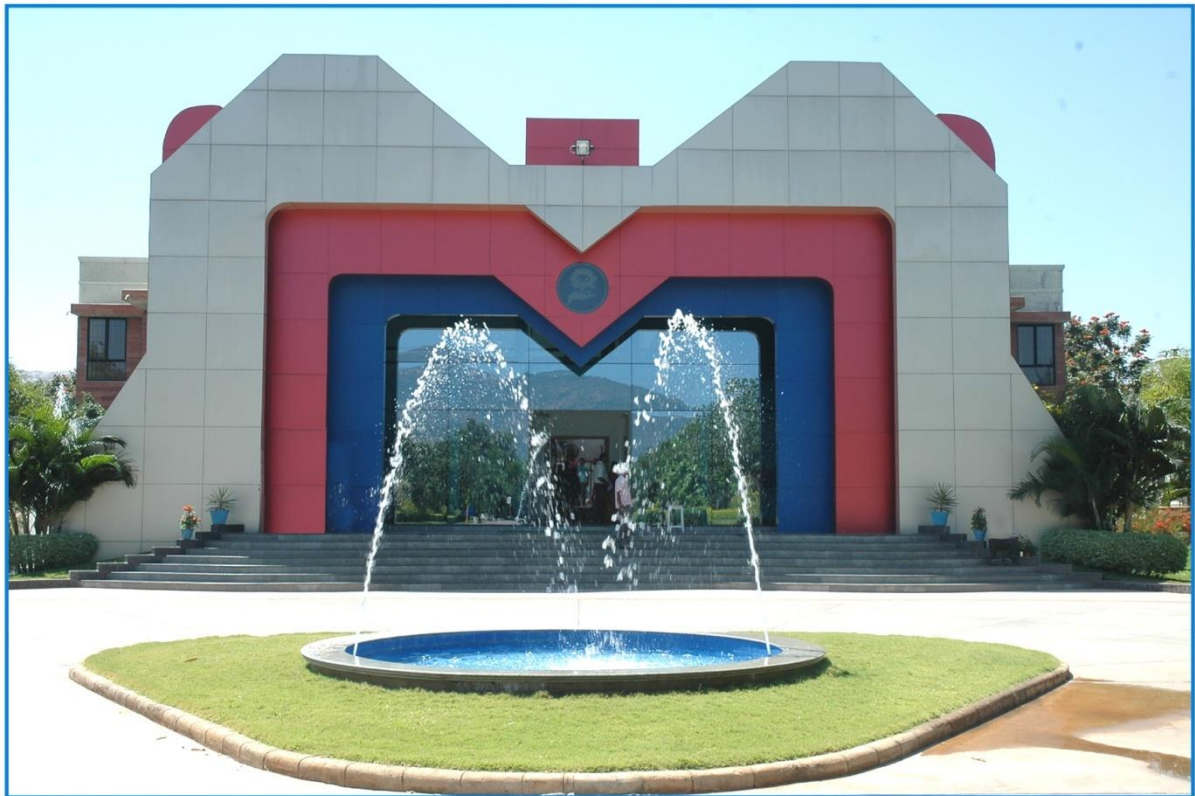
Any other Item:

The Board Discussed the Examination Schedules of Various Schools and Reviewed.

All the Certificate Designs are reviewed and Appreciated.

Controller of Examinations and Member Secretary

5th Meeting of the Board of Examinations



MINUTES OF THE MEETING

July 20th, 2024

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

**(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016 & 40 of 2023))**

MINUTES OF THE 5th MEETING OF THE BOARD OF EXAMINATIONS

Venue: MBU Campus

Date & Time: July 20th, 2024 at 03:00 PM

Item No.: 1

Welcome the Members of the Board of Examinations by the Chairperson

Welcome of all the esteemed members of the Board of examinations by the Chair for the 5th Meeting.

S. No.	Name	Designation	Position in Academic Council
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (Ex-Officio)
2.	Dr. B. M. Satish	Dean, School of Engineering	Member
3.	Dr. Naresh	I/c Dean, School of Commerce and Management	Member
4.	Dr. N. Gireesh	I/c Dean, School of Liberal Arts and Sciences	Member
5.	Dr. B. Mallikarjuna Rao	Dean, School of Pharmaceutical Sciences	Member
6.	Dr. A. Jagadeeshan	Dean, School of Paramedical, Allied and Healthcare Sciences	Member
7.	Dr. T. Giridhar Krishna Reddy	Dean, School of Agriculture	Member
8.	Prof. D. Neeraja	Professor & Head, Dept. of CE, JNTUACE, Kalikiri	Member (Lady)
9.	Dr. Moorthy Veeraswamy	Controller of Examinations	Member Secretary (Ex-Officio)

The Chairperson welcomed all the esteemed members of the Board of Examinations and requested the Member Secretary to present the agenda points.

AGENDA ITEMS FOR APPROVAL:

Item No.: 2

Action taken report of the 4th meeting

Purchase Order issued for the Procurement of Original Degree, Consolidate Grade Sheet, PC & MC certificates.

Item No.: 3

Conferment of degrees to all the PG (M.Tech/MBA/MCA/M.Sc) graduands qualified for the award degree during the Academic Year 2023-24

To consider and approve the conferment of degrees to all eligible Postgraduate (M.Tech/MBA/MCA/M.Sc) graduands who have successfully fulfilled the requirements for the award of their respective degrees during the Academic Year 2023–24.

Decision:

After due consideration and verification of eligibility criteria, the Board approved the conferment of degrees to all qualified candidates as presented.

Item No.: 4

Proposed Tentative convocation date

To consider the proposed tentative schedule for the convocation ceremony, which is planned to be held in the month of August

Decision:

The Board Accepted to conduct the 1st Convocation during August Month

Item No.: 5

Conduction and declaration of MBUCET 2024 results

Presented the MBUCET Results to the Committee which is was Conducted in Two Phases: MBUCET Phase-I: January 17th-21st, 2024 and MBUCET Phase-II: April 11th-14th, 2024.

Decision:

The Board reviewed the MBUCET Results of both the Phases and Appreciated the Aspirants and the Core team

Item No.: 6

Purchase of Grade Sheet & Xerox Machine

Proposed to Procure the Grade Sheets and Xerox Machine for the Exam Section

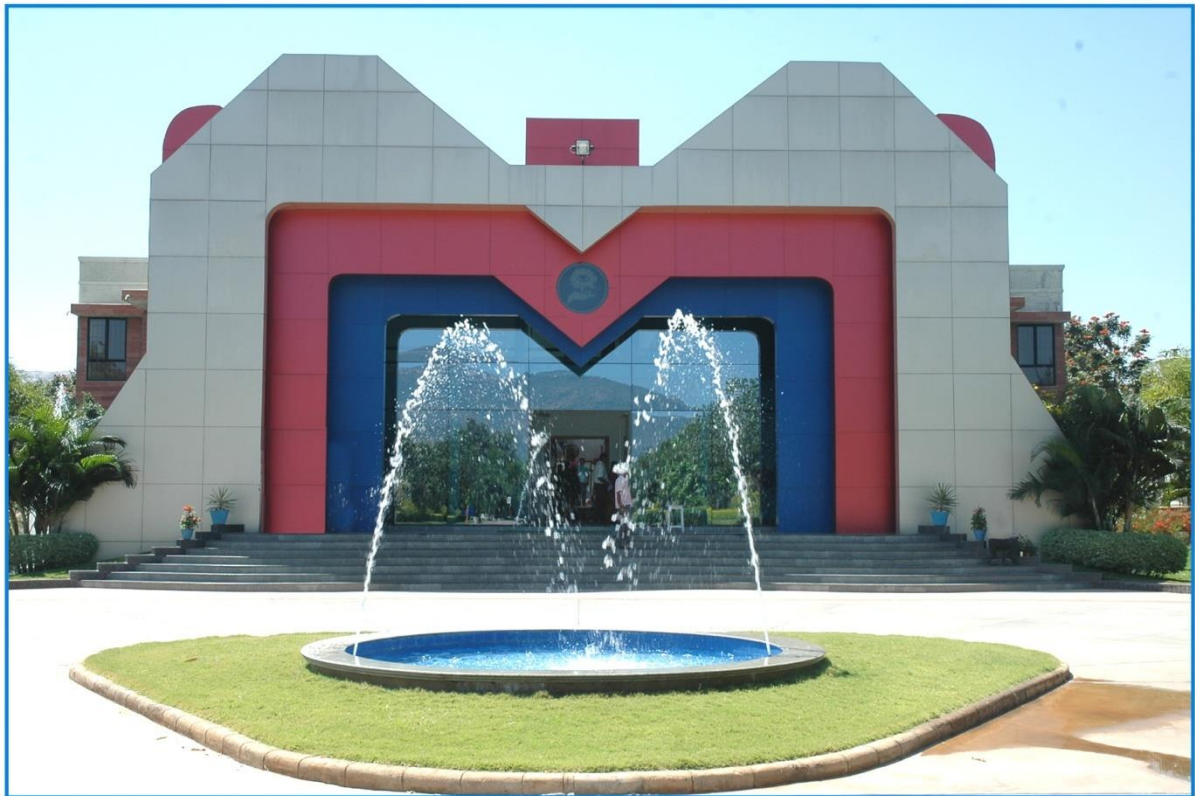
Decision:

The Board thoroughly Reviewed and approved the same for Procurement

Controller of Examinations and Member Secretary



6th Meeting of the Board of Examinations



MINUTES OF THE MEETING

June 28th, 2025

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

**(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016 & 40 of 2023))**

MINUTES OF THE 6th MEETING OF THE BOARD OF EXAMINATIONS

Venue: MBU Campus

Date & Time: June 28th, 2025 at 03:30 PM

Item No.: 1

Welcome the Members of the Board of Examinations by the Chairperson

Welcome of all the esteemed members of the Board of examinations by the Chair for the 6th Meeting.

S. No.	Name	Designation	Position in Academic Council
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (Ex-Officio)
2.	Dr. T. Madhavi	I/c Dean, School of Commerce and Management	Member
3.	Dr. N. Gireesh	I/c Dean, School of Liberal Arts and Sciences	Member
4.	Dr. B. Mallikarjuna Rao	Dean, School of Pharmaceutical Sciences	Member
5.	Dr. A. Jagadeeshan	Dean, School of Paramedical, Allied and Healthcare Sciences	Member
6.	Dr. T. Giridhar Krishna Reddy	Dean, School of Agriculture	Member
7.	Prof. D. Neeraja	Professor & Head, Dept. of CE, JNTUACE, Kalikiri	Member (Lady)
8.	Dr. M. Sunil Kumar	Controller of Examinations	Member Secretary (Ex-Officio)

The Chairperson welcomed all the esteemed members of the Board of Examinations and requested the Member Secretary to present the agenda points.

AGENDA ITEMS FOR APPROVAL:

Item No.: 2

Action taken report of the 5th meeting

- Purchase Order issued for the Procurement of
- Grade Sheets and Xerox Machine.

Item No.: 3

Conferment of degrees to the UG and PG graduands.

To consider and approve the conferment of degrees to all eligible UG (BCA/B.Sc/B.Com/BBA) & PG (M.Tech/MBA/MCA/M.Sc) who have successfully fulfilled the requirements for the award of their respective degrees during the Academic Year 2024–25.

Decision:

After due consideration and verification of eligibility criteria, the Board approved the conferment of degrees to all qualified UG & PG candidates as presented.

Item No.: 4

Proposed Tentative convocation date

To consider the proposed tentative schedule for the 2nd convocation ceremony, which is planned to be held in the month of August.

Decision:

The Board Accepted to conduct the 2nd Convocation during August Month

Item No.: 5

Conduction and declaration of MBUCET 2025 results

Presented the MBUCET Results to the Committee which is was Conducted in Two Phases: MBUCET Phase-I: 17-21 Jan 2025; and MBUCET Phase-II: 18-22 Apr 2025.

Decision:

The Board reviewed the MBUCET Results of both the Phases and Appreciated the Aspirants and the Core team.

Item No.: 6

Fast track semester

Proposed to conduct Fast track Semester during the First Semester Break

Decision:

The Board approved to conduct Fast track Semester during the First Semester Break for the benefit of Outgoing Batch Students

Controller of Examinations and Member Secretary

Annexure-14.i



MOHAN BABU UNIVERSITY

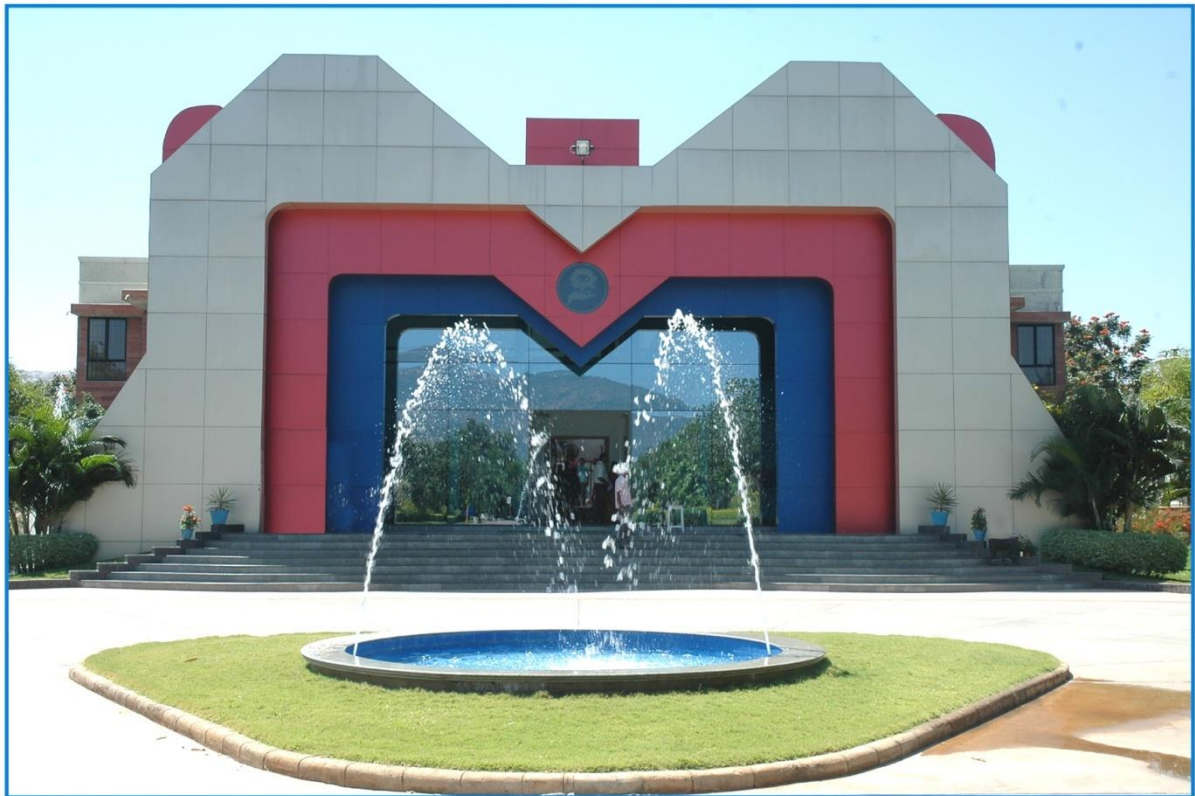
Sree Sainath Nagar, Tirupati 517 102

PLANNING & MONITORING BOARD- MINUTES OF MEETING

Name of the Meeting	Academic Year	Date
3 rd Planning & Monitoring Board Meeting	2023-24	27.11.2023
4 th Planning & Monitoring Board Meeting		29.06.2024
5 th Planning & Monitoring Board Meeting	2024-25	24.03.2025


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MOHAN BABU UNIVERSITY
Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

3rd Meeting of the Planning and Monitoring Board



MINUTES OF THE MEETING

27th November, 2023

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

**(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016 & 40 of 2023))**

MINUTES OF THE 3rd MEETING OF THE PLANNING AND MONITORING BOARD

Venue: MBU Campus & Blended Mode Date & Time: 27th November 2023 at 02:15 PM

P.M.3.1	Welcome the Members of the Planning and Monitoring Board by the Chairperson.

Welcome of all the esteemed members of the Planning and Monitoring by the Chair for the 3rd Meeting.

S. No.	Name	Designation	Position in Academic Council
1.	Prof. Nagaraj Ramrao	Vice Chancellor	Chairperson (Ex-Officio)
2.	Sri. Vinay Maheswari	Executive Director (SVET)	Member
3.	Dr. K. Saradhi	Registrar	Member
4.	Dr. P. Venkatramana	Dean (Academic Affairs)	Member
5.	Dr. B. M. Satish	Dean, School of Engineering	Member (Ex-Officio)
6.	Dr. Gowri Sankara Rao	Dean, School of Agriculture	Member (Ex-Officio)
7.	Dr. K. Ramani	Program Head, Data Science	Member (Ex-Officio)
8.	Dr. NarendraKumar Rao B	Program Head, AIML	Member (Ex-Officio)
9.	Dr. T. Nageswara Prasad	Dean, Planning and Monitoring Board	Member Secretary (Ex-Officio)

The Chairperson welcomed all the esteemed members of the Planning and Monitoring Board and requested the Member Secretary to present the agenda points.



AGENDA ITEMS FOR APPROVAL:

P.M.3.2	To approve the upgradation of Networking and IT facilities on the Campus. MBU upgraded its networking infrastructure to support up to 10,000 users with improved internet speed. Additionally, the Wi-Fi access point capacity in 34 classrooms upgraded from 60 users to 80 users per access point.

Decision:

The members of the board have approved the upgradation of Networking and IT facilities on the Campus.

P.M.3.3	To approve the renovation of conventional classroom to SMART classroom. MBU proposes to upgrade conventional classrooms into SMART classrooms in a phased manner. The list of classrooms identified for Phase-I is provided in Annexure-1.

Decision:

*The members of the board have approved the proposal to renovate conventional classroom into SMART classrooms as presented in the list shown in **Annexure-1**.*

P.M.3.4	To approve the repair, renovation and maintenance of infrastructure works. • Periodic maintenance of expansion joints of the MNS, MAV, Pharmacy, M-Plaza and Admin blocks. • Repair of terrace roof water leakage of the MNS, MAV and Library block. • Repair of planter box of the NAB block to prevent water leakage. • Repair and maintenance minor cracks in flooring, wall cracks. • Periodic maintenance of Interior/exterior painting work of the MNS, MAV, M-Plaza, Pharmacy block classroom and corridors. • Renovation of toilets of the MNS and MAV block. • Renovation and automation of the existing water supply system. • Repair, Renovation and remodeling of faculty rooms of the MNS, MAV, Engineering block, Pharmacy block. • Construction of new classrooms, a storeroom and washrooms in the farmland area for the School of Agriculture

Decision:

The members of the board have approved to repair, renovation and periodic maintenance of infrastructure works in various blocks.

P.M.3.5	To approve for procurement of container for storage of materials. Safely store materials related to the Examination Section and other obsolete or unused materials.

Decision:

The members of the board have approved for procurement of container for storage of materials.

Suggestions:

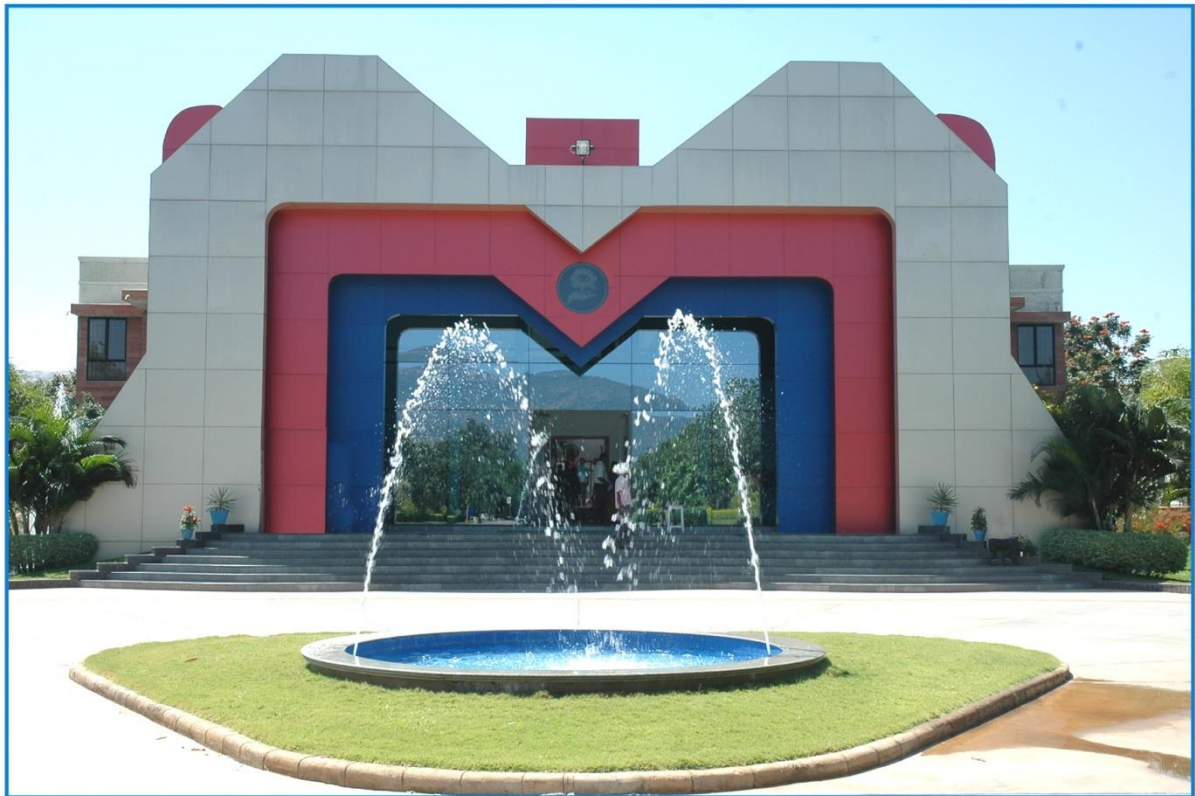
- The Hon'ble Vice-Chancellor suggested that all infrastructure up gradation, renovation, and procurement activities should be implemented through a **phased and well-monitored approach**, ensuring quality standards, timely completion, and optimal utilization of resources across all departments.
- The Hon'ble Vice-Chancellor emphasized the need to align all developments with **future-ready and regulatory requirements**,

including digital integration, energy efficiency, compliance with statutory norms, and sustainability, to support long-term academic and research excellence.

Dr. T. Nageswara Prasad

Dean, P&M and Member Secretary

4th Meeting of the Planning and Monitoring Board



MINUTES OF THE MEETING

29th June, 2024

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

**(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act
2016 (Act No.3 of 2016 & 40 of 2023))**

MINUTES OF THE 4th MEETING OF THE PLANNING AND MONITORING BOARD

Venue: MBU Campus & Blended Mode Date & Time: 29th JUNE, 2024 at 10:15 AM

P.M.4.1	Welcome the Members of the Planning and Monitoring Board by the Chairperson.

Welcome of all the esteemed members of the Planning and Monitoring by the Chair for the 4th Meeting.

S. No.	Name	Designation	Position in Academic Council
1.	Dr. Nagaraj Ramrao	Vice-Chancellor	Chairperson (EX-Officio)
2.	Sri. Vinay Maheshwari	Executive Director (SVET)	Member
3.	Dr. K. Ramani	Program Head, Data Science	Member (Lady)
4.	Dr. B.M. Satish	Dean, School of Engineering & Computing	Member
5.	Dr. T. Giridhara Krishna	Dean, School of Agriculture	Member
6.	Dr. B.P. Mallikarjuna	Dean, School of Pharmaceutical Sciences	Member
7.	Dr. N. Gireesh	I/c Dean, School of Liberal Arts and Sciences	Member
8.	Dr. M. Naresh Babu	I/c Dean, School of Commerce and Management	Member
9.	Dr. N. Gireesh	Dean, Planning and Monitoring Board	Member Secretary (Ex-Officio)

The Chairperson welcomed all the esteemed members of the Planning and Monitoring Board and requested the Member Secretary to present the agenda points.



AGENDA ITEMS FOR APPROVAL:

P.M.4.2	To approve the establishment of Central Instrumentation Facility. MBU proposes to establish a Central Instrumentation Facility to promote interdisciplinary research across various Schools. The detailed list of equipment proposed for the facility is provided in Annexure-1.

Decision:

*The members of the board have approved to establish a Central Instrumentation Facility along with **Annexure-1**.*

P.M.4.3	To approve the upgradation of Networking and IT facilities on the Campus. MBU upgraded its networking infrastructure to support up to 10,000 users with improved internet speed. Additionally, the Wi-Fi access point capacity in 34 classrooms upgraded from 60 users to 80 users per access point.

Decision:

The members of the board have approved the upgradation of Networking and IT facilities on the Campus.

P.M.4.4	To approve the Annual Report of MBU for the academic year 2023-24. Annexure-2

Decision:

*The members of the board have approved the Annual Report of MBU for the academic year 2024-25 as shown in **Annexure-2**.*

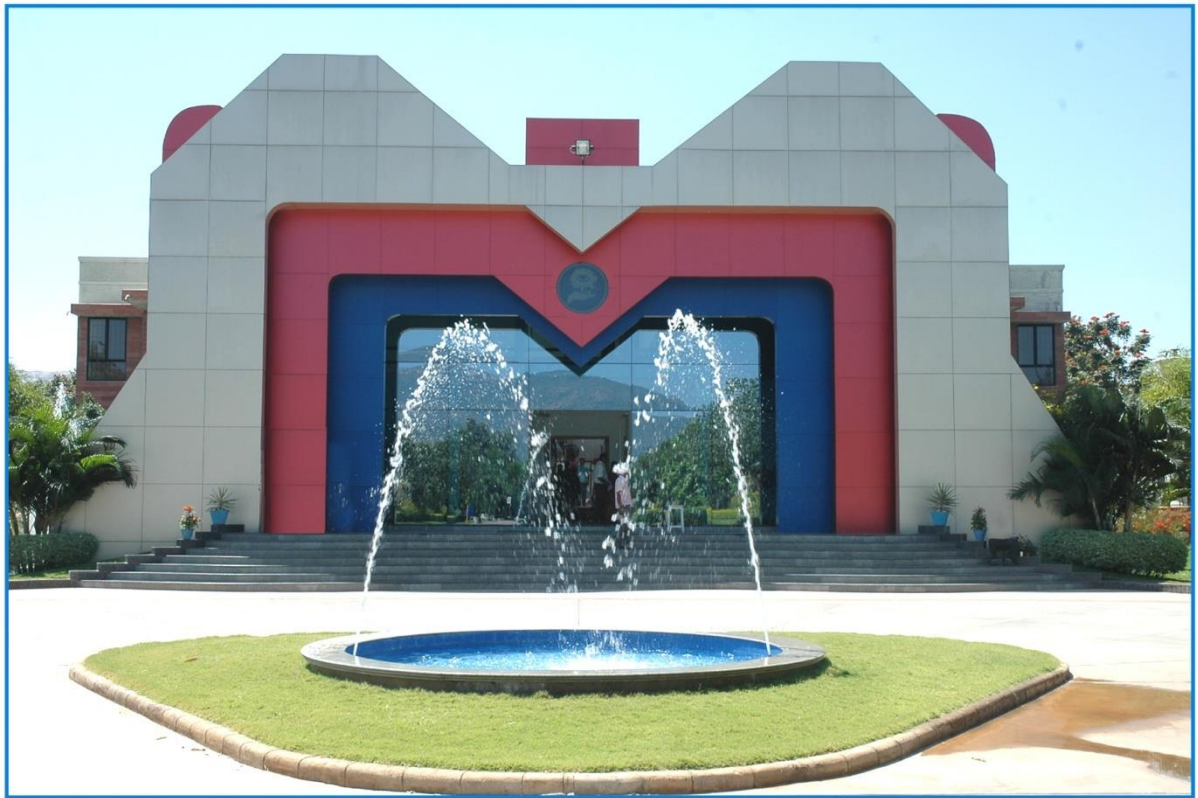
Suggestions:

The Hon'ble Vice-Chancellor suggested that the **Central Instrumentation Facility** should be developed as a shared, high-end research hub with clear access policies, trained technical staff, and a sustainable maintenance model to maximize interdisciplinary utilization.

The Hon'ble Vice-Chancellor emphasized that the **Networking and IT infrastructure** should be continuously upgraded and integrated with smart campus initiatives, ensuring robust cybersecurity, scalability, and support for advanced digital learning and research activities.

Dr. N. Gireesh
Dean, P&M and Member Secretary

5th Meeting of the Planning and Monitoring Board



MINUTES OF THE MEETING

24th March, 2025

MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

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2016 (Act No.3 of 2016 & 40 of 2023))**

MINUTES OF THE 5th MEETING OF THE PLANNING AND MONITORING BOARD

Venue: MBU Campus & Blended Mode

Date & Time: 24th March, 2025 at 11:15 AM

P.M.5.1	Welcome the Members of the Planning and Monitoring Board by the chairperson.

Welcome of all the esteemed members of the Planning and Monitoring by the Chair for the 5th Meeting.

S. No.	Name	Designation	Position in Academic Council
1	Prof. K. Karunakaran	Vice-Chancellor	Chairperson (EX-Officio)
2	Sri. Vinay Maheshwari	Executive Director (SVET)	Member
3	Dr. Nagaraj Ramrao	Provost	Member
4	Dr. T. Giridhara Krishna	Dean, School of Agriculture	Member
5	Dr. B.P. Mallikarjuna	Dean, School of Pharmaceutical Sciences	Member
6	Dr. N. Gireesh	I/c Dean, School of Liberal Arts and Sciences	Member
7	Dr. T. Madhavi	I/c Dean, School of Commerce and Management	Member
8	Dr. Jagatheesan Alagesan	Dean, School of Paramedical and Health Sciences	Member
9	Dr. N. Gireesh	Dean, Planning and Monitoring Board	Member Secretary (Ex-Officio)

The Chairperson welcomed all the esteemed members of the Planning and Monitoring Board and requested the Member Secretary to present the agenda points.



AGENDA ITEMS FOR APPROVAL:

P.M.5.2	To review and monitor the progress of civil works and future construction plans. MBU is undertaking various infrastructure development activities, including ongoing civil works and proposed future construction plans. A structured monitoring mechanism is required to ensure timely completion, quality standards, and alignment with institutional growth plans.

Decision:

The members of the Board have reviewed and noted the progress of civil works and approved the continuation of monitoring mechanisms for timely execution.

Suggestions:

The Hon'ble Vice-Chancellor suggested that all civil works and construction activities should be monitored through a centralized project tracking system with defined timelines, periodic reviews, and accountability mechanisms to ensure timely completion and adherence to quality standards.

The Provost recommended that regular site inspections and progress

reviews at the School/Department level be conducted, along with proper coordination between engineering and administrative teams, to ensure smooth execution and alignment with academic requirements.

Dr. N. Gireesh

Dean, P&M and Member Secretary



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No. MBU/DA/Circulars/2022-23/01

08.07.2022

**GUIDELINES FOR THE CONSTITUTION OF
BOARD OF STUDIES (BOS)**

The following guidelines shall be strictly followed while constituting the BOS of various Departments of the Schools under Mohan Babu University (MBU)

1. There shall be one Board of Studies for each Department of the School.
2. The Dean of the School/ Head of the Department shall be the Chairperson.
3. Maximum Two/Three Professors, Two Associate Professors, Two Assistant Professors of the School/Department by rotation of seniority shall be the internal members.
4. Two Experts one from Academia and one from Industry shall be co-opted as the external members.
5. One Alumni as an external member.
6. Optional: One special Invitee to be co-opted as an external member if it is essential to have expertise in a specific knowledge area.

DEAN (ACADEMICS)

VICE CHANCELLOR



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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102

Annexure – 16.a

Information about the Research Labs & Major Equipment's List :

S.No.	Name of the Centre	Description	Photo	Outcomes
1.	Micro-Nano Electronics Research Centre (MNERC)	The Centre motivates the research activity in the field of micro-nano by proper utilization of the facilities from design to fabrication of prototype micro-nano products and specific field applications. The Centre focuses on design, model and fabrication of the micro-nano electronic devices. Nano electronics lab of the centre has the materials depositing units (PVD and spin-coater), digital annealing unit and VI analyser for device fabrication. S/w and H/w available: • Hind HIVAC deposition unit • Digiquel Vacuum/Tabular Furnace • Heater With Magnetic Bit • Chemical Bench • Spectrospin Spin coater • Thickness monitor unit		• Development of Novel micro-nano electronics Devices: The centre has successfully developed and prototyped several novel micro-nano electronics devices. These devices are characterized by their miniaturization, low power consumption, and high precision, enabling applications in various industries such as healthcare, aerospace, and telecommunications. • Enhanced Sensing and Actuation Capabilities: The research centre has made remarkable progress in improving the sensing and actuation capabilities of micro-nano electronics devices. By integrating advanced materials, innovative fabrication techniques, and state-of-the-art sensors, the centre has achieved enhanced performance, sensitivity, and reliability in micro-nano electronics sensors and actuators. • Integration of micro-nano with

			Room no: 203 	other Technologies: The centre has focused on integrating micro-nano electronics with other technologies to unlock new functionalities and applications. This includes the integration of micro-nano with microelectronics, nanotechnology, and wireless communication, leading to the development of smart systems and Internet of Things (IoT) devices. • Miniaturization and Power Efficiency: One of the main objectives of the centre is to further miniaturize micro-nano electronic devices while maintaining or improving their performance. Through advancements in microfabrication techniques and optimization of device designs, the research centre has successfully reduced the size and power consumption of micro-nano electronic devices, making them suitable for portable and wearable applications. • Biomedical Applications: The micro-nano electronics Research Centre has dedicated efforts to

				explore and develop micro-nano electronics devices for biomedical applications. This includes the development of bio-sensing platforms, lab-on-a-chip systems, implantable devices, and microfluidic devices for diagnostics, drug delivery, and monitoring of physiological parameters. • Collaboration and Industry Partnerships: The centre actively collaborates with industry partners, research institutions, and governmental organizations to accelerate the translation of micro-nano electronics research into real-world applications. These partnerships facilitate technology transfer, commercialization of micro-nano electronic devices, and the development of practical solutions to address industry-specific challenges.

2.	Micromachining Research Centre	The Micromachining Research Centre at Mohan Babu University is a dedicated facility focused on advancing the field of micromachining. Through cutting-edge research and collaboration, the center explores innovative techniques and technologies for precise fabrication and machining at the microscale, enabling breakthroughs in various industries and applications.	 Wire EDM Machine Room No. 2502	• Achieved enhanced machining accuracy and superior surface integrity in micro-scale fabrication of advanced alloys and composites. • Established capability for design and fabrication of micro-scale tools, fixtures, and customized attachments. • Enabled prototype development of micro-components and functional micro-devices for academic and applied research. • Facilitated student-driven projects, internships, and interdisciplinary research in micro/nano manufacturing and MEMS applications. • Contributed to quality research publications in peer-reviewed journals and conferences by faculty and students. • Enabled industry–institute collaboration through consultancy, joint research, and technology development. • Strengthened experiential learning through hands-on training in micromachining and advanced manufacturing systems.



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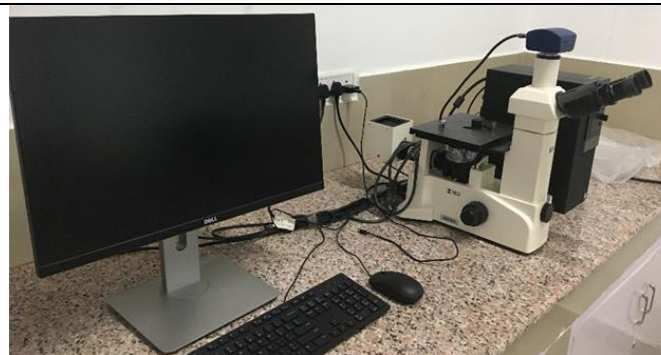
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(Act No.3 of 2016 & 40 of 2023)



Metallurgical Microscope



Micromachining Research Lab

Room No. 2502

3.	Communications & Signal Processing Research Centre	The Centre for Communications and Signal Processing (CCSP) is dedicated to advancing the fields of communications and signal processing. Known for its exceptional research capabilities, CCSP focuses on developing ground breaking solutions to enhance communication systems and optimize signal processing techniques. With a team of highly skilled researchers and cutting-edge facilities, the centre actively collaborates with industry partners and academic institutions to address industry challenges and explore emerging trends. Through its innovative research efforts, CCSP aims to drive technological advancements, enabling faster, more reliable, and efficient communication networks while pushing the boundaries of signal processing algorithms. Workstation Infrastructure (Sponsored by MIETY-CDAC under C2S Program) The Centre is supported by high-performance engineering workstations, notably the Lenovo ThinkStation P2 Tower Gen 2, configured with an Intel Core Ultra 7-265 vPro processor, 32 GB DDR5 memory, 1 TB SSD storage, and an NVIDIA RTX 5060 (8	 	• Development of advanced signal processing algorithms for enhanced communication systems. • Design and implementation of innovative communication protocols for improved data transmission. • Contribution to the field of wireless communication through novel antenna designs. • Research and development of cutting-edge signal processing techniques for efficient signal extraction and analysis. • Collaboration with industry partners to translate research findings into practical applications for real-world communication systems.

GB) graphics processing unit. The systems are further equipped with Windows 11 Professional, integrated wireless connectivity (Wi-Fi and Bluetooth), legacy serial interface support, optical drive, and a 750 W power supply, backed by a comprehensive 5-year warranty. These workstations are optimized to handle computationally intensive tasks such as real-time signal processing, large-scale simulations, RF modeling, and data analysis.

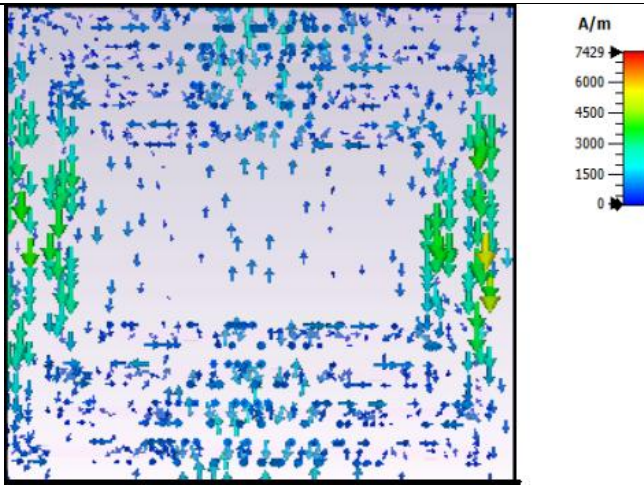
Software and Hardware Resources:

- MATLAB and Simulink for signal processing and communication system design
- Keysight Advanced Design System (ADS) for RF and microwave system simulation
- Ansys HFSS for antenna and RF modeling
- Cadence AWR Microwave Office for RF circuit design and analysis
- FPGA development platforms (Xilinx Spartan, Zynq, Vivado) for hardware implementation of DSP algorithms
- High-performance servers for simulation, big data signal processing, and machine learning applications



High Performance System

Room no: 202C

4.	Centre for VLSI & Embedded Systems	The Research Centre aims to engage faculties, researchers, and students in the latest research works and technologies through project involvement and collaboration with industries. Currently, center is actively engaging in research and development in the field of Low Power CMOS VLSI Design, Circuit and Device Modelling in VLSI Applications, Network on Chip, Energy Harvesting Applications, Wearable Devices, Sensors in Medical and Environmental Applications, Error Mitigation in High	 Current distribution plot at 3.045 THz.	• Developed innovative low-power VLSI designs for energy-efficient electronic devices. • Produced research publications in top-tier conferences and journals, contributing to the academic community. • Collaborated with industry partners to transfer technology and implement real-world applications. • Trained and produced highly skilled engineers specialized in VLSI and embedded systems. • Secured research grants and funding for further advancements in

	Density Memories, Remote Sensing, IOT Application, and other related areas. Software and Hardware Resources: • Synopsys suite (Design Compiler, HSPICE, IC Compiler). • Cadence suite (Virtuoso, Spectre, Innovus) • Siemens EDA tools (ModelSim, QuestaSim) • Keysight Advanced Design System (ADS) • Silvaco TCAD tools • Cadre and Compcarta EDA support solutions • FPGA development platforms (Xilinx, Spartan, Zynq, Vivado) • High-performance servers for simulation and data processing Workstation Infrastructure: (Sponsored by MIETY-CDAC under C2S Program) The Centre is supported by high-performance engineering workstations, notably the Lenovo ThinkStation P2 Tower	 High Performance System	the field.

		Gen 2, configured with an Intel Core Ultra 7-265 vPro processor, 32 GB DDR5 memory, 1 TB SSD storage, and an NVIDIA RTX 5060 (8 GB) graphics processing unit. The systems are further equipped with Windows 11 Professional, integrated wireless connectivity (Wi-Fi and Bluetooth), legacy serial interface support, optical drive, and a 750 W power supply, backed by a comprehensive 5-year warranty. These workstations are optimized to handle computationally intensive EDA workflows, including large-scale simulations, layout rendering, and verification tasks.	 Zynq Board Room no: 303	
5.	Centre of Excellence in Energy	The Centre of Excellence in Energy at Mohan Babu University is a dedicated facility focused on advancing research and development in the field of energy. It aims to explore innovative technologies, sustainable energy sources, and promote energy efficiency to address the growing energy		• Renewable Energy Technologies: The center has made significant contributions in developing and implementing renewable energy technologies such as solar power, wind energy, and biomass utilization. • Energy Efficiency Solutions: Researchers have focused on enhancing energy

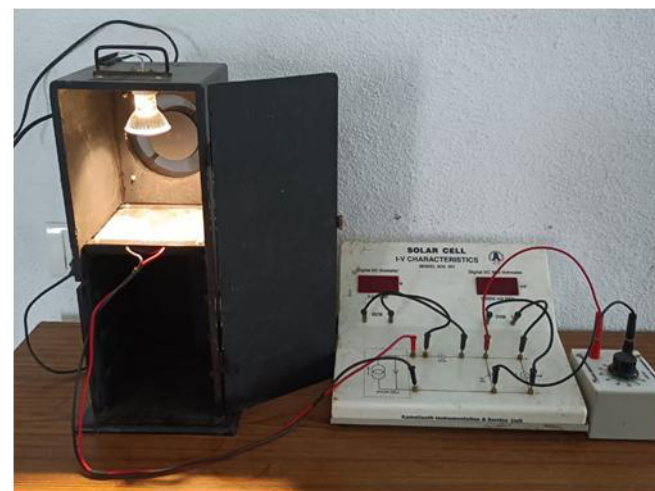
challenges of today's world.

Centre of Excellence in Energy is equipped with Power Quality Analyzer, Programmable AC& DC Electronic Load, Digital Storage Oscilloscope and MATLAB/SIMULINK Software. Solar Irradiance Sensor, Solar Cell I-V Characteristics Kit, Solar Spectrum Analyzer, 1 kW Grid Tied Inverter system, Solar Home UPS System.

, Different types of PV modules which includes: High efficient Maseon Solar PV panel; PERC PV panel; Mono and Poly Crystalline PV panels; Amorphous Silicon, Cadmium Telluride and Copper Indium Gallium Selenide Solar Panels. Roof top Solar PV System (500kW).



Power Quality Analyser Kit



efficiency in various sectors, including buildings, transportation, and industrial processes, leading to reduced energy consumption and lower carbon emissions.

- **Policy Development:** The center has actively participated in policy discussions and provided valuable insights to shape energy policies at regional and national levels, promoting sustainable energy practices.
- **Knowledge Dissemination:** Through workshops, seminars, and publications, the center has disseminated knowledge on energy-related topics, empowering students, professionals, and the wider community.
- **Industry Collaborations:** The center has established partnerships with industry stakeholders, fostering collaborations to facilitate technology transfer, commercialization of innovations, and the development of sustainable energy solutions.

Solar Cell I-V Characteristics Kit



1 kW Solar Grid Tied Inverter



410 Wp Maxeon Cell- Solar Panel



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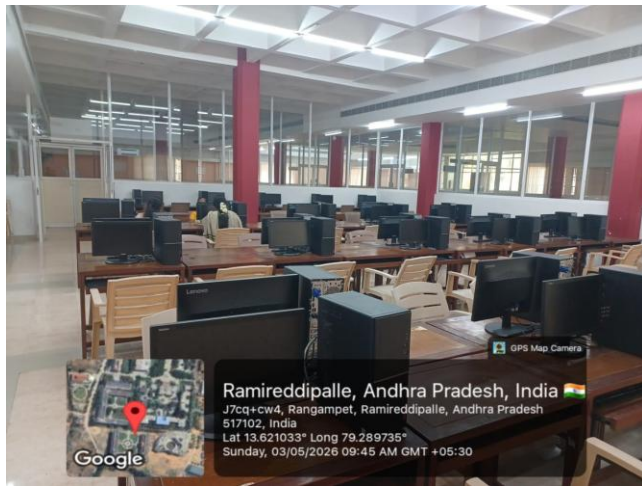
(Act No.3 of 2016 & 40 of 2023)



Programmable AC& DC Electronic Load



Roof top Solar PV System (500kW)

			Shed No: 5A	
6.	Computer Networks and Cyber Security Research Center	The Computer Networks and Cyber Security Research Centre at Mohan Babu University is a specialized facility committed to advancing research in the domains of computer networks and cyber security. The centre focuses on developing innovative technologies, algorithmic approaches, and strategic solutions to safeguard information systems, enhance threat detection mechanisms, and improve overall network performance and security, while actively encouraging interdisciplinary research and collaboration across diverse domains.	 	• The research centre at Mohan Babu University has contributed to improved network security through the development of secure and efficient network protocols, algorithmic approaches for early threat detection and prevention, and advanced protection mechanisms to safeguard data and information systems from cyber threats. • Cyber security awareness: The center's initiatives have raised awareness about cyber security among students, faculty, and the community, promoting best practices and responsible digital behavior, contributing to national and institutional cybersecurity initiatives. To organize such activities, centre associated with L4G, few startups such as GOCYBEX, Xfactor, Leosphere, ThinkChamp Pvt.Ltd, • Industry collaboration: Collaboration with industry partners, fostering mutually beneficial relationships and facilitating the transfer of knowledge and technology for practical cyber



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(Act No.3 of 2016 & 40 of 2023)

			Room no. 211 (RL2)	security applications. The research center has MoU with CCOE-Cyber Security Centre of Excellence, Telangana(joint initiative of the Government of Telangana and DSCI) organizing Hackathons, skill development programs in collaboration with the Indo-Dutch Cyber Security School for students, following which several participants have secured internships at Synchrony International Services and other reputed companies. • Research outcomes: The center's researchers have published numerous papers in reputable conferences and journals, filed, published and granted patents, technology transfers and commercialization, contributing to the global body of knowledge in computer networks and cyber security and inspiring further advancements in the field.

7.	Geotechnical Engineering Research Centre	The Geotechnical Engineering Research Centre at Mohan Babu University is a specialized facility dedicated to advancing the field of geotechnical engineering. It conducts research, experiments, and analysis related to soil mechanics, foundation engineering, and slope stability to develop innovative solutions for infrastructure development and environmental sustainability. The center also has a DST funded project.	 Room No.: W - 3	• Improved understanding of soil behaviour: The Geotechnical Engineering Research Centre at Mohan Babu University has contributed to advancing our knowledge of soil mechanics and geotechnical engineering principles. • Development of innovative construction techniques: The research center has led to the development of new and improved construction methods that enhance stability and durability in geotechnical projects. • Enhanced geotechnical hazard mitigation: Through extensive research, the center has provided valuable insights into mitigating geotechnical hazards such as landslides, soil liquefaction, and slope instability.

8.	Centre for Pharmaceutical Sciences	The Centre for Pharmaceutical Sciences Research Centre at Mohan Babu University is a leading institution dedicated to advancing pharmaceutical research. It focuses on innovative drug discovery, development, and analysis, aiming to improve healthcare outcomes. The center fosters collaboration, cutting-edge technologies, and interdisciplinary approaches to address critical challenges in the field of pharmaceutical sciences.	 Room no:1514	• Development of new drug formulations: The research center at Mohan Babu University has contributed to the development of innovative drug formulations, improving drug delivery systems, and enhancing the efficacy and safety of medications. • Advancement in drug discovery: The center's research efforts have led to the identification and characterization of novel drug targets, facilitating the discovery of potential new drugs for various diseases and conditions. • Pharmacological studies: The research center has conducted comprehensive pharmacological studies to evaluate the efficacy, toxicity, and mechanism of action of existing and newly developed drugs, providing valuable insights for clinical use. • Collaboration with industry: The center has fostered collaborations with pharmaceutical companies, facilitating technology transfer and the translation of research findings into practical applications, leading to the development of marketable pharmaceutical products. • Training and education: The research center plays a crucial role in training the

				next generation of pharmaceutical scientists, offering research opportunities, mentoring programs, and advanced courses, contributing to the overall advancement of pharmaceutical sciences.
9.	Research Centre for Health Care	The Research Centre for Health Care at Mohan Babu University is a multidisciplinary initiative aimed at addressing real-world healthcare challenges through innovation and collaboration. It integrates expertise from both clinicians and engineers, creating a strong foundation for developing practical and impactful solutions. The centre primarily focuses on key areas such as medical devices, rehabilitation engineering, and digital health	 Semi-auto analyser	- Improved patient outcomes: The Centre for Health Care Research at Mohan Babu University has contributed to the development of innovative healthcare interventions and strategies, leading to improved patient outcomes and better quality of care. - Enhanced healthcare delivery: The research conducted at the centre has resulted in the identification and implementation of best practices in healthcare delivery, optimizing processes and improving efficiency. - Evidence-based policymaking: Through

technologies, all with an emphasis on affordability and accessibility.

The centre actively partners with hospitals and industry stakeholders to ensure that research outcomes are scalable and applicable in real-world environments.

The centre supports student-led projects, encourages startup development, and promotes entrepreneurship in healthcare. Through these efforts, it contributes to building a vibrant ecosystem focused on advancing healthcare technologies and improving delivery systems.



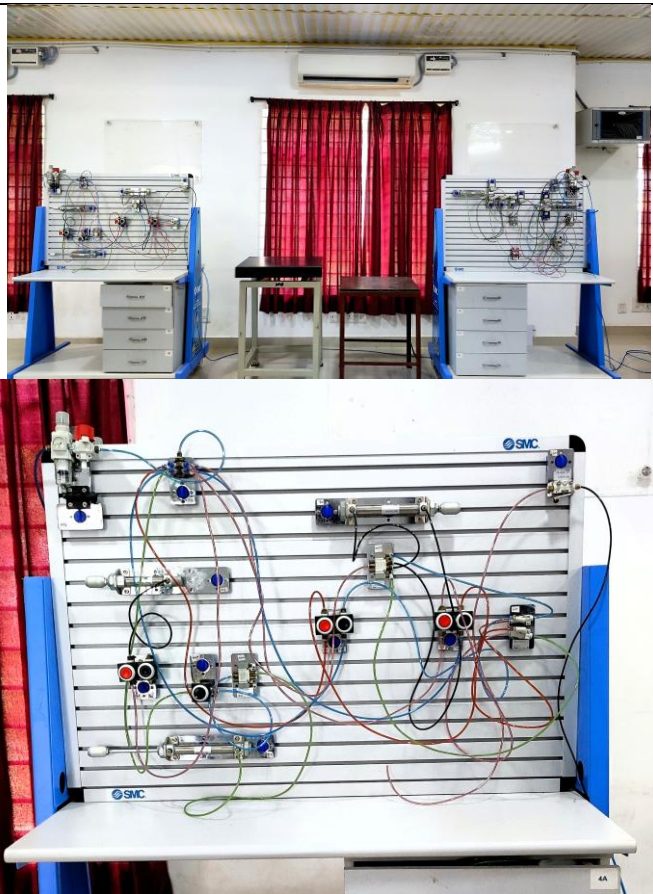
Autoclave

Room no: 812

rigorous research, the centre has generated evidence that informs healthcare policies, enabling policymakers to make informed decisions and allocate resources effectively.

- **Advancements in medical knowledge:** The centre's research initiatives have contributed to the advancement of medical knowledge, expanding the understanding of diseases, treatments, and preventive measures.
- **Collaborative partnerships:** The centre fosters collaborations with healthcare institutions, researchers, and practitioners, facilitating knowledge exchange and promoting interdisciplinary approaches to address complex healthcare challenges.

10	Machine Learning Centre	The Machine Learning Centre at Mohan Babu University is a specialized research and educational facility dedicated to the advancement of machine learning technologies. It serves as a hub for interdisciplinary collaboration among researchers, academics, and industry professionals. The center conducts cutting-edge research, develops innovative algorithms, and offers training programs and workshops to foster the growth and application of machine learning in various fields. It provides a platform for knowledge exchange, industry partnerships, and the exploration of new frontiers in artificial intelligence.	 Machine Learning Centre	• Improved prediction accuracy: The Machine Learning Center at Mohan Babu University has achieved significant advancements in developing algorithms and models that consistently deliver higher prediction accuracy across various domains. • Enhanced decision-making: Through the application of machine learning techniques, the center has empowered organizations to make data-driven decisions, leading to improved efficiency and productivity. • Automation and optimization: The center's research has resulted in the development of automated machine learning tools and optimization techniques, enabling businesses to streamline processes and maximize resource utilization. • Novel insights and discoveries: By analyzing large and complex datasets, the center has uncovered valuable insights and made novel discoveries that have the potential to drive innovation and create new opportunities. • Collaboration and knowledge sharing: The Machine Learning Center actively fosters collaboration with industry

			Room no: 211 (RL1)	partners and academia, promoting knowledge sharing and the dissemination of cutting-edge machine learning techniques and best practices.
11	Industrial Automation and Robotics Lab	The Industrial Automation and Robotics Laboratory at Mohan Babu University serves as a multidisciplinary facility supporting research, innovation, and skill development in smart manufacturing. The laboratory focuses on ongoing research in areas, enabling the development of intelligent and efficient industrial systems. It provides hands-on training, supports academic and research projects, as well as enhances industry readiness through exposure to modern automation tools and technologies aligned with Industry 4.0.	 Pneumatic Automation Systems Room No. 2503	- Enhanced research output through publications, patents, and funded projects in automation and robotics. - Development of functional prototypes such as IIoT-based systems and robotic applications. - Improved student competencies in PLC, SCADA, robotics programming, and AI-based industrial solutions. - Strengthened industry collaboration through internships, consultancy, and real-time projects. - Increased employability and career readiness in smart manufacturing and automation sectors. - Promotion of innovation and entrepreneurship through technology development and startup initiatives.



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Sree Sainath Nagar, Tirupati – 517 102, A.P.

(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act 2016

(Act No.3 of 2016 & 40 of 2023)



5 Axis Robo RBT 3322S BC

Room No. 2503

12.	Advanced Machining and Metal Joining research lab	Advanced Machining and Metal Joining Laboratory at Mohan Babu University is equipped with computer-based machining facilities such as CNC turning and machining centres, along with advanced welding setups like TIG, MIG, etc. It supports research activities in advanced machining, welding processes, and material behaviour. This includes optimisation of machining parameters, weld quality analysis and development of efficient and sustainable manufacturing techniques.	 CNC-Milling  CNC-Turning	• Improved research publications in machining and welding areas • Development of optimised process parameters for better quality and productivity • Fabrication of precision components and welded structures • Enhanced practical skills in CNC machining and advanced welding • Support for industry projects and consultancy work • Contribution towards innovation, patents, and employability



			 Advanced Welding Station Room No. 4B	
13.	HVAC and Smart Cold Storage Facility	The HVAC and Smart Cold Storage Facility at Mohan Babu University is established to support research and skill development in heating, ventilation, air conditioning (HVAC), refrigeration and air conditioning (R&AC), and cold storage systems. The facility is equipped with experimental setups for refrigeration cycles, air conditioning systems, ventilation units, and smart cold storage modules integrated with sensors and control systems. The facility promotes research in energy-efficient HVAC systems, thermal performance analysis, refrigeration cycle optimisation, and sustainable cooling technologies. It also focuses on smart cold storage solutions using temperature and humidity control, and energy management	 Cold Storage Unit	- Improved research output in HVAC, refrigeration, and thermal systems - Development of energy-efficient and sustainable cooling solutions - Testing of smart cold storage systems with real-time monitoring - Enhanced student skills in HVAC system design, analysis, and modern tools - Support for industry collaboration and consultancy in cooling and storage technologies - Contribution to innovation, patents, and entrepreneurship in thermal engineering - Increased employability in HVAC, refrigeration, and allied industries

for agricultural and industrial applications. The lab supports student projects, interdisciplinary research, and industry-oriented problem solving.



HVAC Setup
Room No. 4A

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103	22203R050003	PART TIME	Kotte Ayyappa	6302655534	ayyappakotte@gmail.com	22203R050003@mbu.asia	Dr.V. V. Parthu (Dr. M. Ravichand)
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Annexure-16.c

Information about the List of Publications in Journals & Conferences

S.No.	Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Document Type
1	Raju R.; Manikandan N.; Palanisamy D.; Arulkirubakaran D.; Kannan T.T.M.; Giridhar D.; Binoj J.S.; Thejasree P.	Comparative studies on FDM based AM process using regression analysis and ANFIS model	2021	Advances in Additive Manufacturing Processes				200	215	Book chapter
2	Kousik N.; Natarajan Y.; Arshath Raja R.; Kallam S.; Patan R.; Gandomi A.H.	Improved salient object detection using hybrid Convolution Recurrent Neural Network	2021	Expert Systems with Applications	166		114064			Article
3	Sathyaseelan B.; Vijay Shankar S.; Suresh K.; Saravanan R.	Design and Implementation of Comprehensive Converter	2021	Journal of Electrical Engineering and Technology	16	6		3093	3101	Article
4	Naresh Kumar Reddy P.; Shaik D.P.M.D.; Ganesh V.; Nagamalleswari D.; Thyagarajan K.; Vishnu Prasanth P.	High electrochemical activity of 3D flower like nanostructured TiO2 obtained by green synthesis	2021	Applied Surface Science	561		150092			Article
5	Janamala V.; Kamal Kumar U.; Pandraju T.K.S.	Future search algorithm for optimal integration of distributed generation and electric vehicle fleets in radial distribution networks considering techno-environmental aspects	2021	SN Applied Sciences	3	4	464			Article
6	Kumar S.; Basumatary I.B.; Sudhani H.P.K.; Bajpai V.K.; Chen L.; Shukla S.; Mukherjee A.	Plant extract mediated silver nanoparticles and their applications as antimicrobials and in sustainable food packaging: A state-of-the-art review	2021	Trends in Food Science and Technology	112			651	666	Review
7	Jebadurai S.G.; Raj R.D.E.; Sreenivasan V.S.; Binoj J.S.	Coccinia grandis stem fiber polymer composite: thermal and mechanical analysis	2021	Iranian Polymer Journal (English Edition)	30	4		369	380	Article
8	Kuraparthi S.; Reddy M.K.; Sujatha C.N.; Valiveti H.; Duggineni C.; Kollati M.; Kora P.; Sravan V.	Brain tumor classification of MRI images using deep convolutional neural network	2021	Traitement du Signal	38	4		1171	1179	Article
9	Peneti S.; Sunil Kumar M.; Kallam S.; Patan R.; Bhaskar V.; Ramachandran M.	BDN-GWMNN: Internet of Things (IoT) Enabled Secure Smart City Applications	2021	Wireless Personal Communications	119	3		2469	2485	Article
10	Thejasree P.; Krishnamachary P.C.	Effect of Weld Speed on Joint Quality of Nd: YAG Laser Welded Inconel 718 Alloy Weldments	2021	SAE Technical Papers	Part 173236	2021				Conference paper
11	Gandikota C.; Gandhi L.; Maisnam D.; Kesavulu M.M.; Billoria A.; Prasad V.S.V.; Venkataramana M.	A novel anti-NS2BNS3pro antibody-based indirect ELISA test for the diagnosis of dengue virus infections	2021	Journal of Medical Virology	93	6		3312	3321	Article
12	Jyothsna V.; Prasad K.M.; Rajiv K.; Chandra G.R.	Flow based anomaly intrusion detection system using ensemble classifier with Feature Impact Scale	2021	Cluster Computing	24	3		2461	2478	Article
13	Bright B.M.; Joseph Selvi B.; Abu Hassan S.; Mustapha Jaafar M.; Siengchin S.; Mavinkere Rangappa S.; Liu Y.; Padmavathy S.R.	Characterization of chemically treated new natural cellulosic fibers from peduncle of Cocos nucifera L. Var typica	2021	Polymer Composites	42	12		6403	6416	Article
14	Ganesh C.; Muthukannan M.; Kumar A.S.; Arunkumar K.	Influence of bacterial strain combination in hybrid fiber reinforced geopolymer concrete subjected to heavy and very heavy traffic condition	2021	Journal of Advanced Concrete Technology	19	4		359	369	Article
15	Santhosh S.; Juliet A.V.; Krishnan G.H.	Impact of electrodes separation distance on bio-impedance diagnosis	2021	Biomedical and Pharmacology Journal	14	1		141	146	Article
16	Bao X.; Li M.; Niu R.; Lu J.; Panigrahi S.; Garg A.; Berretta C.	Hygroscopic water retention and physio-chemical properties of three in-house produced biochars from different feedstock types: Implications on substrate amendment in green infrastructure	2021	Water (Switzerland)	13	19	2613			Article
17	Babu K.S.S.; Parandhama A.; Vijaya R.B.	Non-linear MHD convective flow of Carreau nanofluid over an exponentially stretching surface with activation energy and viscous dissipation	2021	SN Applied Sciences	3	3	382			Article
18	Chinthaparthi R.R.; Chittiboena V.L.; Jorepalli S.; Gangireddy C.S.R.	Green synthesis and anticancer activity of tetrahydridopyrazolo[3,4-b:4',3'-e]pyridines catalyzed by phospho sulfonic acid	2021	Journal of Heterocyclic Chemistry	58	5		1104	1116	Article
19	Karunakaran R.S.; Lokanatha O.; Muni Swamy G.; Venkataramaiah C.; Muni Kesavulu M.; Appa Rao C.; Badri K.R.; Balaji M.	Anti-Obesity and Lipid Lowering Activity of Bauhiniastatin-1 is Mediated Through PPAR-γ/AMPK Expressions in Diet-Induced Obese Rat Model	2021	Frontiers in Pharmacology	12		704074			Article
20	Kumaraswamy Naidu K.; Harish Babu D.; Harinath Reddy S.; Satya Narayana P.V.	Radiation and partial slip effects on magnetohydrodynamic jeffrey nanofluid containing gyrotactic microorganisms over a stretching surface	2021	Journal of Thermal Science and Engineering Applications	13	3	31011			Article

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21	Panigrahi S.; Sharma H.B.; Tiwari B.R.; Krishna N.V.; Ghangrekar M.M.; Dubey B.K.	Insight into understanding the performance of electrochemical pretreatment on improving anaerobic biodegradability of yard waste	2021	Renewable Energy	180			1166	1178	Article
22	Prasad P.B.; Padmaja N.; Kumar B.S.; Aravind A.	Industry 4.0: Augmented and virtual reality in education	2021	Innovating with Augmented Reality: Applications in Education and Industry				29	52	Book chapter
23	Babu D.H.; Tarakaramu N.; Satya Narayana P.V.; Sarojamma G.; Makinde O.D.	MHD flow and heat transfer of a jeffrey fluid over a porous stretching/shrinking sheet with a convective boundary condition	2021	International Journal of Heat and Technology	39	3		885	894	Article
24	Senthil S.M.; Nathan S.R.; Parameshwaran R.	Experimental investigation on joining process of aluminium alloy 6063-T6 pipes using hybrid friction stir welding	2021	Journal of the Brazilian Society of Mechanical Sciences and Engineering	43	7	331			Article
25	Addepalli T.; Anitha V.R.	Design and analysis of a novel compact spanner-shaped ultra wideband antenna for MIMO systems	2021	International Journal of Communication Systems	34	5	e4739			Article
26	Mohan E.; Rajesh A.; Sunitha G.; Konduru R.M.; Avanija J.; Ganesh Babu L.	A deep neural network learning-based speckle noise removal technique for enhancing the quality of synthetic-aperture radar images	2021	Concurrency and Computation: Practice and Experience	33	13	e6239			Article
27	Sarkar A.; Sreenath M.; Srinivas K.; Teja N.V.	Investigation of Graphene as a Sensing Layer for Future Prostate Cancer Biosensing Applications	2021	Journal of Physics: Conference Series	1921	1	12038			Conference paper
28	Rajani A.; Kora P.; Madhavi K.R.; Avanija J.	Quality improvement of retinal optical coherence tomography	2021	2021 2nd International Conference for Emerging Technology, INCET 2021			9456151			Conference paper
29	Meher R.S.; Jaikumar S.	Enhancement of condensate water quantity and coefficient of performance of an air conditioning system: An experimental study	2021	Heat Transfer	50	5		4144	4151	Article
30	Kukutla P.R.; Prasad B.V.S.S.S.; Tarigonda H.; Reddy D.R.	Optimization of film hole row locations of a nozzle guide vane using network approach	2021	Journal of Thermal Analysis and Calorimetry	145	5		2661	2674	Article
31	Nagamalleswari D.; Kumar Y.B.K.; Ganesh V.	Effect of substrate temperature on the growth of CuSbS2 thin films by chemical spray pyrolysis	2021	Physica B: Condensed Matter	616		413119			Article
32	Kora P.; Reddy Madhavi K.; Avanija J.; Gurram S.; Meenakshi K.; Swaraja K.; Priyanka Y.	Automatic Segmentation of Prostate Cancer using cascaded Fully Convolutional Network	2021	E3S Web of Conferences	309		1068			Conference paper
33	Vinoth R.; Sachuthananthan B.	Flow and heat transfer behavior of hybrid nanofluid through microchannel with two different channels	2021	International Communications in Heat and Mass Transfer	123		105194			Article
34	Palanisamy D.; Jayasurya S.; Manikandan N.; ArulKirubakaran D.; Divakar V.	Performance evaluation of textured inserts with MQL in machining of pH stainless steel	2021	Materials Today: Proceedings	39			279	284	Conference paper
35	Ananda Rao N.; Satyanarayana Tallapragada V.V.; Venkat Reddy D.; Narasimha Prasad K.L.	Dgs loaded broadband circular patch antenna for satellite communications	2021	Journal of Communications	16	11		485	491	Article
36	Shaik D.P.M.D.; Kumar M.V.S.; Reddy P.N.K.; Hussain O.M.	High electrochemical performance of spinel Mn3O4 over Co3O4 nanocrystals	2021	Journal of Molecular Structure	1241		130619			Article
37	Thejasree P.; Manikandan N.; Krishnamachary P.C.; Varaprasad K.C.; Joseph Selvi B.	Application of Taguchi Approach on Wire Electrical Discharge Machining of SS304	2021	SAE Technical Papers	Part 173236	2021				Conference paper
38	Sudhakar T.; Hari Krishnan G.; Krishnamoorthy N.R.; Janney J B.; Pradeepa M.; Raghavi J.P.	Sleep Disorder Diagnosis using EEG based Deep Learning Techniques	2021	Proceedings of 2021 IEEE 7th International Conference on Bio Signals, Images and Instrumentation, ICBSII 2021			9445158			Conference paper
39	Satyam; Neelima K.; Ramana P.V.; Nagendra R.	Performance enhancement of microstrip antenna at ISM band using slots	2021	2021 International Conference on Emerging Smart Computing and Informatics, ESCI 2021			9396898	797	800	Conference paper
40	Jayasree Y.; Kumar Y.B.K.; Babu G.S.; Bhaskar P.U.	Growth of Cu2ZnSnS4 thin films by hybrid chemical approach	2021	Physica B: Condensed Matter	618		413199			Article
41	Kumar B.H.; Subburaj V.	Integration of RES with MPPT by SVPWM scheme	2021	Intelligent Renewable Energy Systems: Integrating Artificial Intelligence Techniques and Optimization Algorithms				157	178	Book chapter
42	Suresh K.; Jyotheeswara Reddy K.; Dash R.; Hampannavar S.; Srikakulapu R.; Subburaj V.	A Universal Converter for Different Power Conversion Operations and High Power Applications	2021	Proceedings of the Energy Conversion Congress and Exposition - Asia, ECCE Asia 2021			9479284	1666	1671	Conference paper
43	Chakrapani V.; Babu S.K.	DCTP Architecture for Data-Centric Applications of Wireless Sensor Networks	2021	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	45	4		1203	1215	Article
44	Ujjaini Kumar S.; Manikandan N.; Binoj J.S.; Thejasree P.; Shajahan S.; Arulkirubakaran D.	Multi objective optimization of wire-electrical discharge machining of stellite using Taguchi – Grey approach	2021	Materials Today: Proceedings	39			216	222	Conference paper
45	Aruna Jyothy S.; Srinivasa Murthy D.; Mallikarjuna P.	Climate Change Impacts On Seasonal Rainfall Trends in the Regions of Andhra Pradesh and Telangana States, India	2021	Journal of The Institution of Engineers (India): Series A	102	3		673	685	Article
46	Divya Lakshmi S.; Neelima K.; Subhas C.	Proficient Matrix Codes for NOC Applications	2021	4th International Symposium on Devices, Circuits and Systems, ISDCS 2021 - Conference Proceedings			9397914			Conference paper

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47	Rangari V.A.; Umamahesh N.V.; Patel A.K.	Flood-hazard risk classification and mapping for urban catchment under different climate change scenarios: A case study of Hyderabad city	2021	Urban Climate	36		100793			Article
48	Swamy K.A.; Alex Z.C.	Efficient hearing aid algorithm using DCT with uniformly re-sampled and recursively modified audiogram values	2021	Indonesian Journal of Electrical Engineering and Computer Science	23	1		237	246	Article
49	Jaikumar S.; Srinivas V.; Meher R.S.	Combustion Characteristics of Direct Injection Diesel Engine Fueled with Dispersant-mixed Al ₂ O ₃ Nanoparticle-added Biodiesel Blend	2021	International Journal of Thermophysics	42	6	91			Article
50	Kiran Y.B.; Rambabu G.; Vijayakumar V.; Barbosa L.C.A.	Acetic Acid-Mediated Synthesis of Kojic Acid Derivatives	2021	Russian Journal of Organic Chemistry	57	7		1158	1166	Article
51	Raju R.; Manikandan N.; Binoj J.S.; Palanisamy D.; Arulkirubakaran D.; Thejasree P.; Kalyan A.P.; Reddy G.S.	Optimization and performance evaluation of PLA polymer material in situ carbon particles on structural properties	2021	Materials Today: Proceedings	39			223	229	Conference paper
52	Rangari V.A.; Bhatt C.M.; Umamahesh N.V.	Rapid Assessment of the October 2020 Hyderabad Urban Flood and Risk Analysis Using Geospatial Data	2021	Current Science	120	12		1840	1847	Article
53	Manikandan N.; Joseph Selvi B.; Krishnamachary P.C.; Thejasree P.	Experimental Analysis on Wire Electrical Discharge Machining of Nickel Alloy Using Taguchi Based Grey Relational Analysis	2021	SAE Technical Papers	Part 173236	2021				Conference paper
54	Sreenivasulu P.; Poornima T.; Malleswari B.; Reddy N.B.; Souayah B.	Internal energy activation stimulus on magneto-bioconvective Powell-Eyring nanofluid containing gyrotactic microorganisms under active/passive nanoparticles flux	2021	Physica Scripta	96	5	55221			Article
55	Daram S.B.; Kumar U.K.; Nagasrinivasulu M.; Reddy D.S.; Amarthaluri J.	Contingency Ranking for Single Transmission Line Outage Incorporating Quadrature Booster	2021	International Journal of COMADEM	24	2		67	71	Article
56	Yadlapalli P.; Reddy Madhavi K.; Gurram S.; Avanija J.; Meenakshi K.; Kora P.	Breast Thermograms Asymmetry Analysis using Gabor filters	2021	E3S Web of Conferences	309		1109			Conference paper
57	Krishna N.A.; Mishra D.P.; Reddy Y.V.M.; Reddy B.C.M.	Indigenous knowledge on ancient Indian alchemical alloying	2021	Indian Journal of History of Science	56	3		195	203	Article
58	Chalapathi T.; Sajana S.	Unitary Invertible Graphs of Finite Rings	2021	Discussiones Mathematicae - General Algebra and Applications	41	1		195	208	Article
59	Hanuma Kumar G.E.N.; Kumar S.S.; Balaji M.; Maurya D.K.; Kesavulu M.	Pterocarpus santalinus L. extract mitigates gamma radiation-inflicted derangements in BALB/c mice by Nrf2 upregulation	2021	Biomedicine and Pharmacotherapy	141		111801			Article
60	Arunkumar K.; Muthukannan M.; Kumar A.S.; Ganesh A.C.; Devi R.K.	Production of Eco-Friendly Geopolymer Concrete by using Waste Wood Ash for a Sustainable Environment	2021	Pollution	7	4		993	1006	Article
61	Suresh Kumar A.; Muthukannan M.; Kanniga Devi R.; Arunkumar K.; Chithambar Ganesh A.	Reduction of hazardous incinerated bio-medical waste ash and its environmental strain by utilizing in green concrete	2021	Water Science and Technology	84	10-Nov		2780	2792	Article
62	Rajendran K.; Pujari L.; Krishnamoorthy M.; Sen S.; Dharmaraj D.; Karuppiah K.; Ethiraj K.	Toxicological evaluation of biosynthesised hematite nanoparticles in vivo	2021	Colloids and Surfaces B: Biointerfaces	198		111475			Article
63	Satyanarayana Tallapragada V.V.; Nagabhushanam M.V.; Pradeep Kumar G.V.	Turbo Code with Hybrid Interleaver in the Presence of Impulsive Noise	2021	Advances in Intelligent Systems and Computing	1165			163	174	Conference paper
64	Vishnu Vardhana Naidu B.; Varaprasad K.C.; Manikandan N.; Binoj J.S.	Development of Multiple Regression Models for Wire Spark Erosion Machining of AA2024 Alloy	2021	Lecture Notes in Mechanical Engineering	23			653	661	Conference paper
65	Sree Lakshmi T.; Govindarajan M.; Sreenivasulu A.	Malware Detection Kit for Malware Analysis of Big Data	2021	Learning and Analytics in Intelligent Systems	20			191	204	Conference paper
66	Sachuthananthan B.; Krupakaran R.L.; Balaji G.	Exploration on the behaviour pattern of a DI diesel engine using magnesium oxide nano additive with plastic pyrolysis oil as alternate fuel	2021	International Journal of Ambient Energy	42	6		701	712	Article
67	Krupakaran R.L.; Vidyasagar Reddy G.; Dandu M.S.R.; Doddipalli R.R.	Effect of Combustion Bowl Shape on Performance Combustion and Emission Characteristics of Diesel Engine Using Biodiesel with TiO ₂ Nanoparticle Additive as Fuel	2021	SAE Technical Papers		2021				Conference paper
68	Suresh K.; Padmanaban S.; Vivek S.	Analysis and Design of Bidirectional Circuits for Energy Storage Application	2021	Design and Development of Efficient Energy Systems				131	149	Book chapter
69	Mustafa Y.; Subburaj V.; Ruderman A.	Revisited SCC Equivalent Resistance High-Frequency Limit Accounting for Stray Inductance Effect	2021	IEEE Journal of Emerging and Selected Topics in Power Electronics	9	1	8847620	638	646	Article
70	Reddy G.R.S.; Rangaswamy K.; Sudhakara M.; Anjaiah P.; Madhavi K.R.	Towards the protection and security in fog computing for industrial internet of things	2021	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory				17	32	Book chapter
71	Tekuri C.; Shaik S.; Florentin S.	Neutrosophic Quadratic Residues and Non-Residues	2021	Neutrosophic Sets and Systems	46			356	371	Article
72	Palanisamy D.; Manikandan N.; Ramesh R.; Kathirvelan M.; Arulkirubakaran D.	Machinability analysis and optimization of wire-EDM textured conventional tungsten carbide inserts in machining of 17–4 PH stainless steel	2021	Materials Today: Proceedings	39			359	367	Conference paper

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73	Praveena H.D.; Subhas C.; Rama Naidu K.	Classification and discrimination of focal and non-focal EEG signals using hybrid features and support vector machine	2021	International Journal of Advanced Intelligence Paradigms	18	3		417	437	Article
74	Davanam G.; Pavan Kumar T.; Sunil Kumar M.	Efficient energy management for reducing cross layer attacks in cognitive radio networks	2021	Journal of Green Engineering	11	2		1412	1426	Article
75	Neelima K.; Satyam	High Performance Variable Precision Multiplier and Accumulator Unit for Digital Filter Applications	2021	2021 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2021 - Proceedings				209	212	Conference paper
76	Moulali P.; Hari Prasad T.; Durga Prasad B.	Experimental Investigation on HCCI Engine with Changes of the Air Intake Temperature	2021	Lecture Notes in Mechanical Engineering	23			1001	1011	Conference paper
77	Addepalli T.; Anitha V.R.	Design of a Compact 2 × 2 MIMO Diversity Antenna for X-band Applications	2021	Lecture Notes in Electrical Engineering	722 LNEE			23	34	Conference paper
78	Prathima C.; Muppalaneni N.B.	Deep Learning Approach for Prediction of Handwritten Telugu Vowels	2021	Smart Innovation, Systems and Technologies	213 SIST			367	374	Conference paper
79	Tallapragada V.V.S.	Applications of blockchain technology for smart cities in a nutshell	2021	Blockchain for Smart Cities				313	333	Book chapter
80	Reddy V.M.; Neelima K.; Naresh G.	Efficient Energy Management Systems in UAV-Based IoT Networks	2021	Unmanned Aerial Vehicles for Internet of Things (IoT): Concepts, Techniques, and Applications				159	172	Book chapter
81	Manimekalai G.; Kavitha S.; Divya D.; Indran S.; Binoj J.S.	Characterization of enzyme treated cellulosic stem fiber from Cissus quadrangularis plant: An exploratory investigation	2021	Current Research in Green and Sustainable Chemistry	4		100162			Article
82	Suneetha K.; Mounika Raj K.	Automatic Vehicle Number Plate Recognition System (AVNPR) Using OpenCV Python	2021	Lecture Notes in Networks and Systems	215			487	496	Conference paper
83	Sreenivasulu P.; Poornima T.; Vasu B.; Gorla R.S.R.; Reddy N.	Non-linear Radiation and Navier-slip effects on UCM Nanofluid Flow past a Stretching Sheet under Lorentzian Force	2021	Journal of Applied and Computational Mechanics	7	2		638	645	Article
84	Parthasarathy M.; Adigopula S.; Gownivari H.; Mudhivedu G.; Vasudevan A.; Ulaganadhan D.S.	Carbon-Coated Magnetic Iron Oxide Nanoparticles as Green Catalysts for Aromatic Nitration	2021	International Journal of Nanoscience	20	1	2150008			Article
85	Baburaj M.; Kumar K.M.; Mathew N.T.; Nathan S.R.	Fabrication of Ti-6Al-4V thin sheet using wire-EDM and its characterisation	2021	International Journal of Machining and Machinability of Materials	23	05-Jun		514	526	Article
86	Sarkar A.; Suresh R.; Padmavathy N.; Aswini C.	Investigation of Dielectric Dependency on CNTFET Characteristics in Ballistic Regime	2021	Lecture Notes in Mechanical Engineering				275	282	Conference paper
87	Harathi N.; Sarkar A.	TiO2 based surface acoustic wave gas sensor with modified electrode dimensions for enhanced H2 sensing application	2021	International Journal of Nano Dimension	12	1		83	89	Article
88	Palanisamy D.; Manikandan N.; Ramesh R.; Devaraju A.; ArulKirubakaran D.	Development of neural network models for wire electrical discharge machining of Haste alloy	2021	Materials Today: Proceedings	39			438	445	Conference paper
89	Joseph Selvi B.; Natarajan M.; Pattipati Chinna K.; Karu Clement V.; Pasupuleti T.; Justin Abraham Baby S.	Mechanical Property Optimization of Tamarind Fruit Fiber for Lightweight Structural Composites Applications	2021	SAE Technical Papers		2021				Conference paper
90	Malchi S.K.; Kallam S.; Al-Turjman F.; Patan R.	A trust-based fuzzy neural network for smart data fusion in internet of things	2021	Computers and Electrical Engineering	89		106901			Article
91	Thejasree P.; Binoj J.S.; Krishnamachary P.C.; Manikandan N.; Palanisamy D.	Experimental Analysis on Wire Electrical Discharge Machining of Inconel 718 Using Taguchi's Method	2021	Lecture Notes in Mechanical Engineering	23			497	504	Conference paper
92	Gadekari R.S.; Kolatayar S.; Chitrachedu R.K.	Experimental Studies on the Suitability of Coconut Shell as a Filler Material in Concrete Cubes	2021	Lecture Notes in Civil Engineering	78			45	53	Conference paper
93	Divya N.; Chandana B.H.; Harika D.	Implementation of Radar Digital Receiver based on Xeon-Processor using Intel IPP	2021	2021 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics, DISCOVER 2021 - Proceedings				141	144	Conference paper
94	Tarakaramu N.; Satya Narayana P.V.; Babu D.H.; Sarojamma G.; Makinde O.D.	Joule heating and dissipation effects on magnetohydrodynamic couple stress nanofluid flow over a bidirectional stretching surface	2021	International Journal of Heat and Technology	39	1		205	212	Article
95	Yogaprasad K.; Anitha V.R.	CPW Fed Hexa-to-Hexa Fractal Antenna for Multiband Applications	2021	Lecture Notes in Electrical Engineering	655			277	283	Conference paper
96	Prahalathan G.; Babu S.K.; Praveena H.D.	Digitalization and automation in agriculture industry	2021	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory				205	216	Book chapter
97	Pandi P.; Subbarao M.; Suresh K.	HBC-Based 3Ø System for Wide Range of Power Conversion; [Système 3Ø basé sur le HBC pour une large gamme de conversion de puissance]	2021	IEEE Canadian Journal of Electrical and Computer Engineering	44	3		321	328	Article

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99	Harinath Reddy S.; Harish Babu D.; Kumaraswamy Naidu K.; Raju M.C.; Satya Narayana P.V.	The Characteristics of Heat and Mass Transfer on MHD Fluid Flow over a Moving Melting Surface	2021	Lecture Notes in Mechanical Engineering				737	748	Conference paper
100	Mounika K.; Ramana P.V.	FPGA implementation of power efficient floating point fused multiply-add unit	2021	Proceedings - 2021 IEEE 10th International Conference on Communication Systems and Network Technologies, CSNT 2021				258	263	Conference paper
101	Binoj J.S.; Manikandan N.; Varaprasad K.C.; Thejasree P.; Raju R.	Investigations on Wire Spark Erosion Machining of AA 6061 Alloy Using Taguchi’s Approach	2021	Lecture Notes in Mechanical Engineering	23			577	585	Conference paper
102	Davanam G.; Pavan Kumar T.; Sunil Kumar M.	Novel Defense Framework for Cross-layer Attacks in Cognitive Radio Networks	2021	Advances in Intelligent Systems and Computing	1312 AISC			23	33	Conference paper
103	Senthil S.M.; Ragu Nathan S.; Parameshwaran R.; Bhuvanesh Kumar M.	Comparative study on mechanical performances of circular and flat geometry welds in friction stir welding of aluminium alloy	2021	Archives of Metallurgy and Materials	66	3		881	886	Article
104	Seeja G.; Reddy O.R.; Kumar K.V.R.; Mounika S.S.L.C.H.; Madhavi K.R.	Internet of things and robotic applications in the industrial automation process	2021	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory				50	64	Book chapter
105	Bhogaraju S.D.; Kumar K.V.R.; Anjaiah P.; Shaik J.H.; Madhavi K.R.	Advanced predictive analytics for control of industrial automation process	2021	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory				33	49	Book chapter
106	Bharath K.N.; Dileepkumar S.G.; Manjunatha G.B.; Amith Kumar S.J.; Indran S.; Binoj B.S.	Optimization of parametric study on drilling characteristics of sheep wool reinforced composites	2021	Advances in Bio-Based Fiber: Moving Towards a Green Society				237	248	Book chapter
107	Palanisamy D.; Manikandan N.; Raju R.; Arul Kirubakaran D.; Binoj J.S.	Prediction of Performance Measures in Wire Electrical Discharge Machining of Aluminum–Fly Ash Composites Using Regression Analysis	2021	Lecture Notes in Mechanical Engineering	23			387	396	Conference paper
108	Abbagalla S.; Rupa Devi B.; Anjaiah P.; Reddy Madhavi K.	Analysis of COVID-19-Impacted Zone UsingMachine Learning Algorithms	2021	Lecture Notes on Data Engineering and Communications Technologies	63			621	627	Book chapter
109	Chakradhar K.S.; Rao V.M.	Three different compact elliptical slot ultra-wide band antennas for wireless communication applications	2021	Journal of Communications	16	2		52	59	Article
110	Kallam S.; Patan R.; Ramana T.V.; Gandomi A.H.	Article linear weighted regression and energy-aware greedy scheduling for heterogeneous big data	2021	Electronics (Switzerland)	10	5	554	1	16	Article
111	Rao C.M.; Babu J.R.; Pimo S.J.; Dixit A.; Jaiswal S.; Jamshed A.	A Comparative Study of NLP based Semantic Web Standard model using SPARQL database	2021	Proceedings - 2021 International Conference on Computing Sciences, ICCS 2021				1	6	Conference paper
112	Venkataramana L.; Kalla R.M.N.; Venkataramaiah C.; Kumari K.S.; Varalakshmi M.; Raju C.N.	Novel naphthalene-1,5-diamine containing urea/thiourea derivatives – Promising antimicrobial agents	2021	Organic Communications	14	4		323	333	Article
113	Reddy A.R.; Ghantasala G.S.P.; Patan R.; Manikandan R.; Kallam S.	Smart Assistance of Elderly Individuals in Emergency Situations at Home	2021	Internet of Things				95	115	Book chapter
114	Sachuthananthan B.; Vinoth R.; Reddy D.R.; Bandari V.; Anusha P.	Environmental impact on the use of diesel waste plastic oil nano-additive blends in a di diesel engine	2021	International Journal of Nanotechnology	18	11-Dec		990	1006	Conference paper
115	Swamy K.A.; Alex Z.C.; Ramachandran P.; Mathew T.L.; Sushma C.; Padmaja N.	Real-time Implementation of Delay Efficient DCT Based Hearing Aid Algorithm Using TMS320C5505 DSP Processor	2021	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021						Conference paper
116	Goundar S.; Avanija J.; Sunitha G.; Madhavi K.R.; Bhushan S.B.	Innovations in the industrial internet of things (IIoT) and smart factory	2021	Innovations in the Industrial Internet of Things (IIoT) and Smart Factory				1	311	Book
117	Venkateswara Raju K.; Durga Prasad P.; Raju M.C.; Sivaraj R.	MHD Casson Fluid Flow Past a Stretching Sheet with Convective Boundary and Heat Source	2021	Lecture Notes in Mechanical Engineering				559	572	Conference paper
118	Sunitha G.; Avanija J.	Program assessment and evaluation for continuous quality improvement	2021	Journal of Engineering Education Transformations	34	3		42	55	Article
119	Swamy K.A.; Sushma C.; Alex Z.C.; Prathima S.	A Non-Uniform Digital Filter Bank Hearing Aid for Aged People with Hearing Disability	2021	Lecture Notes in Electrical Engineering	722 LNEE			179	197	Conference paper
120	Baseer K.K.; Pasha M. J.; Albert D. W.; Sujatha V.	Navigation and Obstacle Detection for Visually Impaired People	2021	Proceedings of the 4th International Conference on Microelectronics, Signals and Systems, ICMSS 2021						Conference paper
121	Reddy G.V.; Rasu N.G.; Prasad T.H.	Analysis of performance and emission characteristics of TBC coated low heat rejection engine	2021	International Journal of Ambient Energy	42	7		808	815	Article
122	Reddy C.K.; Srinivasan G.; Lokasree B.S.	Optimization of reactive power support in power distribution network - An economical based study	2021	Proceedings of the 7th International Conference on Electrical Energy Systems, ICEES 2021			9383716	390	396	Conference paper
123	Durga Prasad P.; Sivaraj R.; Madhusudhana Rao B.; Raju C.S.K.; Venkateswara Raju K.; Varma S.V.K.	Unsteady Casson MHD Flow Due to Shrinking Surface with Suction and Dissipation	2021	Lecture Notes in Mechanical Engineering				549	558	Conference paper
124	Mansingh B.B.; Binoj J.S.; Sai N.P.; Hassan S.A.; Siengchin S.; Sanjay M.R.; Liu Y.C.	Sustainable development in utilization of Tamarindus indica L. and its by-products in industries: A review	2021	Current Research in Green and Sustainable Chemistry	4		100207			Review

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125	Amala Mithin Minther Singh A.; Arul Franco P.; Binoj J.S.; Manikandan N.	Evaluation of Mechanical Properties on Ni–Cr Alloy-Coated Marine Structures	2021	Lecture Notes in Mechanical Engineering	23			473	486	Conference paper
126	Swapna G.; Ajmath K.A.; Thumbur G.	An efficient pairing-free certificateless signcryption scheme with public verifiability	2021	Journal of Mathematical and Computational Science	11	1		24	43	Article
127	Gangula V.R.; Nandhana Gopal G.R.; Tarigonda H.	Investigation on Different Thermal Barrier-Coated Piston Engines Using Mahua Biodiesel	2021	Journal of The Institution of Engineers (India): Series C	102	1		131	144	Article
128	Hemanth Kumar B.; Bhavani A.; Jeevithesh C.V.; Padmanaban S.; Subburaj V.	A New Series-Parallel Switched Capacitor Configuration of a DC–DC Converter for Variable Voltage Applications	2021	Green Energy and Technology				247	270	Book chapter
129	Rangari V.A.; Umamahesh N.V.; Patel A.K.	Extraction of Surface Imperviousness from Land Use Land Cover Analysis for Part of Hyderabad City	2021	Lecture Notes in Civil Engineering	149			179	189	Conference paper
130	Avanija J.; Sunitha G.; Reddy Madhavi K.; Hitesh Sai Vittal R.	An Automated Approach for Detection of Intracranial Haemorrhage Using DenseNets	2021	Lecture Notes on Data Engineering and Communications Technologies	63			611	619	Book chapter
131	Manikandan N.; Binoj J.S.; Krishnamachary P.C.; Thejasree P.; Arul Kirubakaran D.	Predictive Models for Wire Spark Erosion Machining of AA 7075 Alloy Using Multiple Regression Analysis	2021	Lecture Notes in Mechanical Engineering	23			429	438	Conference paper
132	B V.V.N.; Varaprasad K.C.; Prahlada Rao K.	Machinability analysis on wire electrical discharge machining of stir casted AA2024/Al2O3/BN hybrid composite for aerospace applications	2021	Materials and Manufacturing Processes	36	6		730	743	Article
133	Chithambar Ganesh A.; Vinod Kumar M.; Kanniga Devi R.; Srikar P.; Prasad S.; Manoj Kumar M.; Sarath R.P.	Pervious Geopolymer Concrete under Ambient Curing	2021	Materials Today: Proceedings	46			2737	2741	Conference paper
134	Dandu M.S.R.; Nanthagopal K.; Ashok B.; Balasubramanian D.; Sakthivel R.	Impact of NOx control measures on engine life	2021	NOx Emission Control Technologies in Stationary and Automotive Internal Combustion Engines: Approaches Toward NOx Free Automobiles				387	421	Book chapter
135	Arulkirubakaran D.; Prince M.R.; Palanisamy D.; Manikandan N.; Ramesh R.	ECM Machining and Its Process Optimization for AISI 304 Steel	2021	Lecture Notes in Mechanical Engineering	23			357	365	Conference paper
136	Bhasha P.; Pavan Kumar T.; Baseer K.K.; Jyothsna V.	An IoT-Based BLYNK Server Application for Infant Monitoring Alert System to Detect Crying and Wetness of a Baby	2021	Advances in Intelligent Systems and Computing	1312 AISC			55	65	Conference paper
137	Sekaran R.; Goddumbarri S.N.; Kallam S.; Ramachandran M.; Patan R.; Gupta D.	5G Integrated Spectrum Selection and Spectrum Access using AI-based Frame work for IoT based Sensor Networks	2021	Computer Networks	186		107649			Article
138	Krishnan S.N.; Talari D.; Rajangam J.; Pujari L.; Palei N.N.; Balaji A.; Surendran V.	Protective effect of vernonia cinerea against sunset yellow induced angiogenic behaviour in mice model: Counteract oxidative damage based approach	2021	Natural Products Journal	11	4		537	545	Article
139	Hemanth Kumar G.; Ramesh G.P.; Ravindra Murthy C.	Energy Efficient Multi-hop Routing Techniques for Cluster Head Selection in Wireless Sensor Networks	2021	Intelligent Systems Reference Library	193			3	9	Book chapter
140	Palanisamy D.; Manikandan N.; Ramesh R.; Binoj J.S.; Arulkirubakaran D.	Development of grey-ANFIS model for wire electrical discharge machining of Al-GNP composites	2021	Materials Today: Proceedings	39			301	310	Conference paper
141	Shaik A.; Shaik A.K.; Shaik J.; Meeravali Khan P.; Mamilla S.	Effect of Active Time Adjustment in Space Vector Pulse Width Modulation Strategy	2021	2021 International Conference on Sustainable Energy and Future Electric Transportation, SeFet 2021			9375819			Conference paper
142	Saravanakumar K.; Durga S.R.M.; Chandrasekhar K.B.	Combination Effect of Natural and Synthetic Polymers in Extending the Release of Tolperisone HCl from its Effervescent Floating Tablets	2021	Research Journal of Pharmacy and Technology	14	1		171	178	Article
143	Madhavi K.R.; Madhavi G.; Krishnaveni C.V.; Kora P.	COVID-19 Detection Using Deep Learning	2021	Advances in Intelligent Systems and Computing	1375 AIST			263	269	Conference paper
144	Muppalaneni N.B.; Prathima C.	A Secure Smart Shopping Cart Using RFID Tag in IoT	2021	Lecture Notes in Networks and Systems	176 LNNS			701	712	Conference paper
145	Raja S.; Manikumar R.; Benruben R.; Ragunathan S.	Effect of backing plate on strength and microstructural characteristics of friction stir welded AA2014-T6 aluminium alloy joints	2021	Materials Today: Proceedings	45			895	899	Conference paper
146	Bhatt S.; Devadoss T.; Manjula S.N.; Rajangam J.	5-HT3 receptor antagonism: A potential therapeutic approach for the treatment of depression and other disorders	2021	Current Neuropharmacology	19	9		1545	1559	Review
147	Medida L.H.; Ramani K.	Impact of Deep Learning on Localizing and Recognizing Handwritten Text in Lecture Videos	2021	International Journal of Advanced Computer Science and Applications	12	4		336	344	Article
148	Ganesh D.; Kumar T.P.; Kumar M.S.	Optimised levenshtein centroid cross-layer defence for multi-hop cognitive radio networks	2021	IET Communications	15	2		245	256	Article
149	Reddy Madhavi K.; Vijaya Sambhavi Y.; Sudhakara M.; Srujan Raju K.	COVID-19 Isolation Monitoring System	2021	Lecture Notes on Data Engineering and Communications Technologies	63			601	609	Book chapter
150	Kumar K.M.; Mathew N.T.; Baburaj M.	Sustainable milling of Ti-6Al-4 V super alloy using AlCrN and TiAlN coated tools	2021	Materials Today: Proceedings	50			1732	1738	Conference paper

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151	Harish Babu D.; Samantha Kumari S.; Satya Narayana P.V.	Chemical Reaction and Thermophoresis Effects on MHD Mixed Convection Flow Over an Inclined Porous Plate with Variable Suction	2021	Lecture Notes in Mechanical Engineering				723	735	Conference paper
152	Chaitanya M.; Manikandan P.; Prem Kumar V.; Elavenil S.; Vasugi V.	Prediction of self-healing characteristics of GGBS admixed concrete using artificial neural network	2021	Journal of Physics: Conference Series	1716	1	12019			Conference paper
153	Reddy Dandu M.S.; Nanthagopal K.; Ashok B.	The Effects of Additives with Calophyllum inophyllum Methyl Ester in CI Engine Applications	2021	Biodiesel Fuels Based on Edible and Nonedible Feedstocks, Wastes, and Algae: Science, Technology, Health, and Environment				561	580	Book chapter
154	Manikandan N.; Binoj J.S.; Varaprasad K.C.; Thejasree P.; Raju R.	Investigations on Wire Electrical Discharge Machining of Nickel-Based Superalloy Using Taguchi's Approach	2021	Lecture Notes in Mechanical Engineering	23			267	274	Conference paper
155	Ramaswamy S.; Gowthamarajan K.; Priyanka Dwarampudi L.; Bhaskaran M.; Kadiyala M.	Analytical method development, validation and forced degradation studies for rutin, quercetin, curcumin, and piperine by RP-UFLC method	2021	Drug Development and Industrial Pharmacy	47	4		562	568	Article
156	Medida L.H.; Ramani K.	Deep Learning and its Applications: A Real-World Perspective	2021	EAI/Springer Innovations in Communication and Computing				149	166	Book chapter
157	Gnanarathinam A.; Palanisamy D.; Manikandan N.; Devaraju A.; Arulkirubakaran D.	Comparison of corrosion behavior on laser welded austenitic stainless steel	2021	Materials Today: Proceedings	39			649	653	Conference paper
158	Babu S.K.; Kumar C.V.M.S.N.P.	Non-dominated sorting particle swarm optimisation for multi-channel cooperative spectrum sensing in heterogeneous green CRNs	2021	International Journal of Advanced Intelligence Paradigms	18	1		25	45	Article
159	Maheswari B.; Aswini J.; Anita M.	Hybrid feature selection approach for naive bayes to improve consumer behavior analysis	2021	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021			9388439	1200	1204	Conference paper
160	Batta U.; Kotti J.; Panchumarthy S.	Advanced Safety Analysis and Modeling of Control Software in Implantable Medical Devices	2021	Lecture Notes in Networks and Systems	134			201	211	Conference paper
161	Obulesu O.; Kallam S.; Dhiman G.; Patan R.; Kadiyala R.; Raparathi Y.; Kautish S.	Adaptive Diagnosis of Lung Cancer by Deep Learning Classification Using Wilcoxon Gain and Generator	2021	Journal of Healthcare Engineering	2021		5912051			Article
162	Lekha D.C.; Shanmugam R.; Madhuri K.; Dwarampudi L.P.; Bhaskaran M.; Kongara D.; Tesfaye J.L.; Nagaprasad N.; Bhargavi V.L.N.; Krishnaraj R.	Review on Silver Nanoparticle Synthesis Method, Antibacterial Activity, Drug Delivery Vehicles, and Toxicity Pathways: Recent Advances and Future Aspects	2021	Journal of Nanomaterials	2021		4401829			Review
163	Kasat K.; Rani D.L.; Khan B.; J A.; Kirubakaran M.K.; Malathi P.	A novel security framework for healthcare data through IOT sensors	2022	Measurement: Sensors	24		100535			Article
164	Krupakaran R.L.; Gangula V.R.; Tarigonda H.; Doddipalli R.R.; Kala K.L.; Anchupogu P.; Petla R.	"optimization of Operational Parameters on Engine Performance and Emissions of a Diesel Engine Powered with Mimusops Elengi Methyl Ester with Doped TiO2Nanoparticle with Varying Injection Pressure"	2022	SAE Technical Papers						Conference paper
165	Kumar M.V.; Alzein R.; Ganesh A.C.; Kumar K.R.; Gurumoorthy N.; Adesina A.	Analytical investigation of the influence of various void shape and spacing on the load-bearing behavior of concrete hollow core slabs	2022	Journal of Building Pathology and Rehabilitation	7	1	4			Article
166	Sudhakara M.; Meena M.J.; Madhavi K.R.; Anjaiah P.; Prakash K L.N.C.	Fish Classification Using Deep Learning on Small Scale and Low-Quality Images	2022	International Journal of Intelligent Systems and Applications in Engineering	10	1s		282	293	Article
167	Gayathri A.; Aswini J.; Divya R.; Senthilkannan K.; Aranganayagam K.R.; Vimalan M.; Mohamed M.G.	Simulation, Computational Sort by using Coding, Softwares for Elucidation of Structure and for Calculation of Energy, Force Field, Interactions of Carbon Nano Tubes (CNTs)	2022	AIP Conference Proceedings	2446		100024			Conference paper
168	Davanam G.; Kallam S.; Singh N.; Gunjan V.K.; Roy S.; Rahebi J.; Farzamnia A.; Saad I.	Multi-Controller Model for Improving the Performance of IoT Networks	2022	Energies	15	22	8738			Article
169	Khiani S.; Mohamed Iqbal M.; Dhakne A.; Sai Thrinath B.V.; Gayathri P.G.; Thiagarajan R.	An effectual IOT coupled EEG analysing model for continuous patient monitoring	2022	Measurement: Sensors	24		100597			Article
170	Shyam Sunder Reddy K.; Manohara M.; Shailaja K.; Revathy P.; Kumar T.M.; Premalatha G.	Power management using AI-based IOT systems	2022	Measurement: Sensors	24		100551			Article
171	Seerangan R.N.; Kumar S.P.	An Intensive Study on Effect of Tool Traverse Speed on Formation of Stir Zone Microstructure and Mechanical Properties of Friction Stir Welded HSLA Steel Joints	2022	SAE Technical Papers						Conference paper
172	Thrinath B.V.S.; Prabhu S.; Nayak B.M.	Power quality improvement by using photovoltaic based shunt active harmonic filter with Z-source inverter converter	2022	Electrical Engineering and Electromechanics	2022	6		35	41	Article
173	Reddy P.U.; Naresh K.	Monitoring and control of single-phase electrical systems using IoT based microcontrollers	2022	International Journal of Reconfigurable and Embedded Systems	11	3		275	283	Article
174	Chawla R.; Beram S.M.; Murthy C.R.; Thiruvankadam T.; Bhavani N.P.G.; Saravanakumar R.; Sathishkumar P.J.	Brain tumor recognition using an integrated bat algorithm with a convolutional neural network approach	2022	Measurement: Sensors	24		100426			Article

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175	Natarajan M.; Pasupuleti T.	Development of Predictive Models and Prediction of Process Parameters for Wire Electrical Discharge Machining of Monel 400	2022	SAE Technical Papers						Conference paper
176	Katta L.N.; Natarajan M.; Pasupuleti T.; Sivaiah P.; Chittor Naga Venkata S.	Neural Network Model for Machinability Investigations on CNC Turning of AA5052 for Marine Applications with MQL	2022	SAE Technical Papers						Conference paper
177	Kumar Y.B.K.; Nagamalleswari D.; Babu G.S.	Deposition of Cu2ZnSnS4 thin film at different solution flow rates	2022	Physica B: Condensed Matter	645		414263			Article
178	Satyanarayana T.V.V.; Mohana Roopa Y.; Maheswari M.; Patil M.B.; Tamrakar A.K.; Prabhu Shankar B.	A secured IoT-based model for human health through sensor data	2022	Measurement: Sensors	24		100516			Article
179	Poornima T.; Sreenivasulu P.; Souayah B.	Mathematical Study of Heat Transfer in a Stagnation Flow of a Hybrid Nanofluid over a Stretching/Shrinking Cylinder	2022	Journal of Engineering Physics and Thermophysics	95	6		1443	1454	Article
180	Kumar Y.B.K.; Doddipalli R.R.; Nagamalleswari D.; Tarigonda H.	Fabrication of CuSbS2 Thin Film Solar Cells by Using Chemical Spray Pyrolysis	2022	SAE Technical Papers						Conference paper
181	Sivasamy S.; Maria M.M.B.; Sundaramoorthy P.	Performance investigation of doubly salient outer rotor switched reluctance motor using finite element analysis	2022	Circuit World	48	4		412	424	Article
182	Reddy S.H.; Umamaheswar M.; Reddy P.C.; Naidu K.K.; Babu D.H.; Raju M.C.; Reddy E.K.	MHD flow pattern in a parabolic mode based on the angle of inclination under cross-diffusion	2022	Heat Transfer	51	8		7688	7704	Article
183	Pasupuleti T.; Natarajan M.; Katta L.N.; Ramesh R.; Naidu B.V.V.	Microstructure and Mechanical Behaviour of Dissimilar Laser Welded Joints for Automobile Applications	2022	SAE Technical Papers						Conference paper
184	Singh N.; Sasirekha S.P.; Dhakne A.; Thrinath B.V.S.; Ramya D.; Thiagarajan R.	IOT enabled hybrid model with learning ability for E-health care systems	2022	Measurement: Sensors	24		100567			Article
185	Poonkodi B.; Suguna Lakshmi M.; Tamilselvi A.; Sumathi Jones C.; Deepa K.; Pattabi S.; Bava Bakrudeen H.; Prabhu K.; Kim S.C.; Ranjith M.S.	Bio-nanocomposite films loaded with lemon leaf extract for bio packaging application	2022	Journal of King Saud University - Science	34	8	102333			Article
186	Tarigonda H.; Gangula V.R.; Ratnaraju P.; Doddipalli R.R.; Krupakaran R.L.	Effect of TBC, Turbocharger and EGR on the Performance of Diesel Engine Using Biodiesel	2022	SAE Technical Papers						Conference paper
187	Karupppiah K.; Uma Maheswari N.; Balamurugan N.; Venkatesh R.	Diagnosis of heart disease using improved genetic algorithm-based naive bayes classifier	2022	Using Multimedia Systems, Tools, and Technologies for Smart Healthcare Services				117	140	Book chapter
188	Pullaiah N.R.P.; Venkatesekhar D.; Venkatramana P.; Sudhakar B.	Breast Cancer Classification Using Customized ResNet Based Convolution Neural Networks	2022	International Journal of Intelligent Engineering and Systems	15	6		382	391	Article
189	Selvakanmani S.; B A.; Devi G.N.R.; Misra S.; R J.; Perli S.B.	Deep learning approach to solve image retrieval issues associated with IOT sensors	2022	Measurement: Sensors	24		100458			Article
190	Binoj J.S.; Manikandan N.; Mansingh B.B.; Anbazhagan V.N.; Bharathiraja G.; Siengchin S.; Sanjay M.R.; Indran S.	Taguchi's Optimization of Areca Fruit Husk Fiber Mechanical Properties for Polymer Composite Applications	2022	Fibers and Polymers	23	11		3207	3213	Article
191	Arunachalam S.K.; Muthiah M.; Rangaswamy K.D.; Kadarkarai A.; Arunasankar C.G.	Improving the structural performance of reinforced geopolymer concrete incorporated with hazardous heavy metal waste ash	2022	World Journal of Engineering	19	6		808	821	Article
192	Katta L.N.; Pasupuleti T.; Natarajan M.; Siva Rami Reddy N.; Somsale L.N.	Development of Adaptive Neuro Fuzzy Inference System Model for CNC Milling of AA5052 Alloy with Minimum Quantity Lubrication by Natural Cutting Fluid	2022	SAE Technical Papers						Conference paper
193	Kumar A.; Sunil Kumar M.; Vikhar P.A.; Ghodke V.; Waghulde R.R.; Rathod M.	Improving the Software Privacy in the OFDM 5G Communication Integrated with License Key in the Hardware Communication Parameters	2022	International Journal of Intelligent Systems and Applications in Engineering	10	2s		236	240	Article
194	Gunasekar S.; Joselin Retna Kumar G.; Dileep Kumar Y.	Sustainable optimized LSTM-based intelligent system for air quality prediction in Chennai	2022	Acta Geophysica	70	6		2889	2899	Article
195	Priyatharsini G.S.; Babu A.J.; Kiran M.G.; Sathish Kumar P.J.; Nelson Kennedy Babu C.; Ali A.	Self secured model for cloud based IOT systems	2022	Measurement: Sensors	24		100490			Article
196	Pasupuleti T.; Natarajan M.; Krishnamachary P.C.; Ramesh R.; Katta L.N.	Development of Hybrid Grey Based ANFIS Model for Laser Beam Welding of Inconel 718 Alloy for Automotive Industries	2022	SAE Technical Papers						Conference paper
197	Venkatanaresh M.; Yadav R.; Thiagarajan D.; Yasotha S.; Ramkumar G.; Varma P.S.	Effective proactive routing protocol using smart nodes system	2022	Measurement: Sensors	24		100456			Article
198	Gangula V.R.; Krupakaran R.L.; Tarigonda H.; Kala K.L.; Doddipalli R.R.	Optimization of the Effect of Low Heat Rejection Diesel Engine Using Biodiesel with Taguchi Method	2022	SAE Technical Papers						Conference paper
199	Arunkumar K.; Muthukannan M.; Kumar A.S.; Ganesh A.C.; Devi R.K.	INFLUENCE OF HYBRID FIBRES ON THE MECHANICAL CHARACTERIZATION OF LOW CALCIUM GEOPOLYMER CONCRETE	2022	Journal of Technology	37	4		225	235	Article
200	Nagaraja Y.; Sankar A.M.; Devaraju T.; Narasimhulu V.	PV and Wind Energy Conversion Exploration based on Grid Integrated Hybrid Generation Using the Cuttlefish Algorithm	2022	Engineering, Technology and Applied Science Research	12	6		9670	9675	Article

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201	Aroulanandam V.V.; Satyam; Sherubha P.; Lalitha K.; Hymavathi J.; Thiagarajan R.	Sensor data fusion for optimal robotic navigation using regression based on an IOT system	2022	Measurement: Sensors	24		100598			Article
202	Madhuri N.S.; Shailaja K.; Saha D.; P R.; Glory K.B.; Sumithra M.	IOT integrated smart grid management system for effective energy management	2022	Measurement: Sensors	24		100488			Article
203	Naidu B.V.V.; Natarajan M.; Ramesh R.; Somsole L.N.; Pasupuleti T.	Machinability Studies on Wire Electrical Discharge Machining of Aluminium Based Metal Matrix Composite for Automotive Applications	2022	SAE Technical Papers						Conference paper
204	Putta P.; Seerangan R.N.; Gvs N.R.	Role of Thermo-Mechanical Treatment on Creep Deformation Behaviour of Reduced Activation Ferritic Martensitic Steel	2022	SAE Technical Papers						Conference paper
205	Natarajan M.; Palanisamy D.; Pasupuleti T.; Umapathi D.; Ramesh R.	Machinability Analysis of PH Stainless Steel with Uncoated and Textured Tool Inserts with Minimum Quantity Lubricants	2022	SAE Technical Papers						Conference paper
206	Sharma S.K.; Grewal H.S.; Saxena K.K.; Mohammed K.A.; Prakash C.; Davim J.P.; Buddhi D.; Raju R.; Mohan D.G.; Tomków J.	Advancements in the Additive Manufacturing of Magnesium and Aluminum Alloys through Laser-Based Approach	2022	Materials	15	22	8122			Review
207	Parimalasundar E.; Kumar N.M.G.; Geetha P.; Suresh K.	Performance investigation of modular multilevel inverter topologies for photovoltaic applications with minimal switches	2022	Electrical Engineering and Electromechanics	2022	6		28	34	Article
208	Natarajan M.; Pasupuleti T.; Silambarasan R.; Ramesh R.; Katta L.N.	Development of Prediction Models for Spark Erosion Machining of SS304 Using Regression Analysis	2022	SAE Technical Papers						Conference paper
209	Orekanti E.R.; Puram R.	Pullout Behaviour of Micropiles Stabilized with Fly Ash	2022	International Journal of Geosynthetics and Ground Engineering	8	6	69			Article
210	Sathish K.; Narayana Y.V.; Mekala M.S.; Rizwan P.; Kallam S.	Efficient tumor volume measurement and segmentation approach for CT image based on twin support vector machines	2022	Neural Computing and Applications	34	9		7199	7207	Article
211	Manikandan N.; Raju R.; Narasimhamu K.L.; Damodaram A.K.	Optimization of wire electrical discharge machining of Monel 400 using Taguchi-Grey approach	2022	Materials Today: Proceedings	68			1690	1696	Conference paper
212	Thooyavan Y.; Kumaraswamidhas L.A.; Raj R.E.; Binoj J.S.	Influence of SiC micro and nano particles on tribological, water absorption and mechanical properties of basalt bidirectional mat/vinyl ester composites	2022	Composites Science and Technology	219		109210			Article
213	Pasupuleti T.; Natarajan M.; Silambarasan R.; Ramesh R.	Development of Regression Models for Laser Beam Welding of Inconel 718 Alloy Thin Sheets	2022	SAE Technical Papers						Conference paper
214	Manikandan N.; Binoj J.S.; Thejasree P.; Varaprasad K.C.; Anusha P.; Hema G.R.	Application of Multiple Regression Analysis for Prediction of Performance Measure in Wire Electrical Discharge Machining of Inconel 625	2022	Lecture Notes in Mechanical Engineering				663	671	Conference paper
215	Jyothsna V.; Munivara Prasad K.; GopiChand G.; Durga Bhavani D.	DLMHS: Flow-based intrusion detection system using deep learning neural network and meta-heuristic scale	2022	International Journal of Communication Systems	35	10	e5159			Article
216	Geetha P.; Jothiprashanth R.S.	Low-cost Energy Harvesting using ZnO Nanorods on Paper Substrate	2022	ECS Journal of Solid State Science and Technology	11	10	105001			Article
217	Harathi N.; Bollu M.; Pasupuleti K.S.; Tauanov Z.; Peta K.R.; Kim M.-D.; Reddeppa M.; Sarkar A.; Rao V.N.	PrGO decorated TiO2 nanoplates hybrid nanocomposite for augmented NO2 gas detection with faster gas kinetics under UV light irradiation	2022	Sensors and Actuators B: Chemical	358		131503			Article
218	Thejasree P.; Manikandan N.; Raju R.; Narasimhamu K.L.; Surendranatha G.M.; Damodaram A.K.	Investigations on laser beam welded Inconel 718 weldments	2022	Materials Today: Proceedings	68			1757	1761	Conference paper
219	Tarigonda H.; Shaik D.P.M.D.; Reddy D.R.R.; Reddy G.V.S.	Experimental Investigation on the Heat Pipe using Al2O3 and CuO Hybrid Nanofluid	2022	International Journal of Thermophysics	43	10	153			Article
220	Tarakaramu N.; Satya Narayana P.V.; Sivajothi R.; Bhagya Lakshmi K.; Harish Babu D.; Venkateswarlu B.	Three-dimensional non-Newtonian couple stress fluid flow over a permeable stretching surface with nonlinear thermal radiation and heat source effects	2022	Heat Transfer	51	6		5348	5367	Article
221	Kannan K.S.; Sunitha G.; Deepa S.N.; Vijendra Babu D.; Avanija J.	A multi-objective load balancing and power minimization in cloud using bio-inspired algorithms	2022	Computers and Electrical Engineering	102		108225			Article
222	Britto A.S.F.; Binoj J.S.; Manikandan N.; Surendranatha G.M.; Naidu B.V.V.; Raveendran P.S.	Effect of interfacial thickness on microstructure, mechanical properties, and modelling of diffusion fused dissimilar Al alloys for process optimization using ANN-GA method	2022	Multiscale and Multidisciplinary Modeling, Experiments and Design	5	2		105	117	Article
223	Kathirvel A.; Navaneethan S.; Subramaniam M.	EIDR umpiring security models for wireless sensor networks	2022	Artificial Intelligent Techniques for Wireless Communication and Networking				299	316	Book chapter
224	Mansingh B.B.; Binoj J.S.; Anbazhagan V.N.; Abu Hassan S.; Goh K.L.; Siengchin S.; Sanjay M.R.; Mustapha Jaafar M.; Liu Y.	Characterization of Cocos nucifera L. peduncle fiber reinforced polymer composites for lightweight sustainable applications	2022	Journal of Applied Polymer Science	139	22	52245			Article

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225	Sujatha D.; Subramaniam M.; Kathirvel A.	Class level multi-feature semantic similarity-based efficient multimedia big data retrieval	2022	Artificial Intelligent Techniques for Wireless Communication and Networking				155	173	Book chapter
226	Buragadda V.; Kompala M.P.	Effect of Novel Chicken Feather-Jute Geotextile Composite Reinforcement on Sand Load Bearing Capacity: An Experimental Study	2022	International Journal of Geosynthetics and Ground Engineering	8	3	42			Article
227	Suresh K.; Parimalasundar E.	A Modified Multi Level Inverter With Inverted SPWM Control; [Un onduleur multi-niveaux modifié avec une commande SPWM inversée]	2022	IEEE Canadian Journal of Electrical and Computer Engineering	45	2		99	104	Article
228	Venkata Sudhakar C.; Umamaheswara Reddy G.; Usha Rani N.	Delineation and evaluation of the captive limestone mining area change and its influence on the environment using multispectral satellite images for industrial long-term sustainability	2022	Cleaner Engineering and Technology	10		100551			Article
229	Medabalimi M.; Saravanakumar K.; Satyanarayana S.V.	Development and Validation of Stability Indicating RP-UPLC Method for Quantitative Estimation of Safinamide Mesylate in Bulk and its Tablet Dosage Form	2022	Current Trends in Biotechnology and Pharmacy	16	2s		50	59	Article
230	Gnana Prasanna G.; Venkata Krishna G.	Strength Behavior of Lime Stabilized Soil Reinforced with Waste Plastic Strips	2022	Lecture Notes in Civil Engineering	167			385	394	Conference paper
231	Surendranatha G.M.; Vishnu Vardhana Naidu B.; Gangaraju M.; Sarapure S.; Hemanth K.R.	Development of predictive models for wire electrical discharge machining of aluminium metal matrix composites by using regression analysis and neural network	2022	Materials Today: Proceedings	68			1581	1587	Conference paper
232	Babu K.S.S.; Parandhama A.; Vijaya R.B.	Significance of heat source/sink on the radiative flow of Cross nanofluid across an exponentially stretching surface towards a stagnation point with chemical reaction	2022	Heat Transfer	51	4		2885	2904	Article
233	Pushpakumar K.; Varalakshmi M.; Sankar A.U.R.; Naidu R.M.; Umamahesh K.; Reddy D.V.; Raju C.N.	Synthesis, Spectral Characterization, and Antimicrobial Evaluation of N,N'-(1,4-Phenylene)diurea Derivatives	2022	Russian Journal of Organic Chemistry	58	4		612	618	Article
234	Kavitha T.; Mathai P.P.; Karthikeyan C.; Ashok M.; Kohar R.; Avanija J.; Neelakandan S.	Deep Learning Based Capsule Neural Network Model for Breast Cancer Diagnosis Using Mammogram Images	2022	Interdisciplinary Sciences – Computational Life Sciences	14	1		113	129	Article
235	Raj A.G.S.; Mishra C.S.	Simulation and experimental data resemblance of darmstadt spark ignition engine with different turbulence models – A computational fluid dynamics cold flow data	2022	Data in Brief	43		108340			Data paper
236	Rao K.L.	Cycling of Induced Magnets (CIM) – Principle: A New Discovery	2022	International Journal of Electrical and Electronics Research	10	3	IJEER 0908-22	711	715	Article
237	Kumar N.M.G.; Sekhar A.H.; Reddy K.B.N.K.; Angulakshmi M.; Shah D.U.	Remote Fault Identification and Analysis in Electrical Distribution Network Using Artificial Intelligence	2022	International Journal of Electrical and Electronics Research	10	4		1213	1218	Article
238	Thejasree P.; Narasimhamu K.L.; Natarajan M.; Raju R.	Generative modelling of laser beam welded Inconel 718 thin weldments using ANFIS based hybrid algorithm	2022	International Journal on Interactive Design and Manufacturing						Article
239	Sunitha G.; Arunachalam R.; Abd-Elnaby M.; Eid M.M.A.; Rashed A.N.Z.	A comparative analysis of deep neural network architectures for the dynamic diagnosis of COVID-19 based on acoustic cough features	2022	International Journal of Imaging Systems and Technology	32	5		1433	1446	Article
240	Geetha P.	Energy Harvesting using ZnO Nanorods for Wearable Devices	2022	Proceedings of 4th International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCCMLA 2022				376	380	Conference paper
241	Geetha P.	Modeling of ZnO Nanorods on Paper Substrate for Energy Harvesting	2022	International Journal of Electrical and Electronics Research	10	4		954	957	Article
242	Jayagopal V.; Basser K.K.	Data Management and Big Data Analytics: Data Management in Digital Economy	2022	Research Anthology on Big Data Analytics, Architectures, and Applications	4			1614	1633	Book chapter
243	Liu L.; Shafiq M.; Sonawane V.R.; Murthy M.Y.B.; Reddy P.C.S.; Reddy K.M.N.C.K.	Spectrum trading and sharing in unmanned aerial vehicles based on distributed blockchain consortium system	2022	Computers and Electrical Engineering	103		108255			Article
244	Ch G.; S T.; R R.; Sri Sai Satyanarayana D.; Srinivasulu A.; K K.K.	Association of vaccine medication for the efficacious COVID-19 treatment	2022	World Journal of Engineering	19	1		98	108	Article
245	Moulali P.; Tarigonda H.; Prasad B.D.	Optimization of Performance Characteristics of Homogeneous Charge Compression Ignition Engine with Biodiesel using Artificial Neural Network (ANN) and Response Surface Methodology (RSM)	2022	Journal of The Institution of Engineers (India): Series C	103	4		875	888	Article
246	Nimmagadda P.; Swamy K.A.; Prathima S.; Chinthu S.; Alex Z.C.	Short-term uncleaned signal to noise threshold ratio based end-to-end time domain speech enhancement in digital hearing aids	2022	Indonesian Journal of Electrical Engineering and Computer Science	27	1		131	138	Article
247	Morasa B.; Nimmagadda P.	Low power residue number system using lookup table decomposition and finite state machine based post computation	2022	Indonesian Journal of Electrical Engineering and Computer Science	26	1		127	134	Article

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248	Pamula Pullaiah N.R.; Venkatasekhar D.; Venkatramana P.; Sudhakar B.	Binary differential evolution with self learning and deep neural network for breast cancer classification	2022	Concurrency and Computation: Practice and Experience	34	15	e6951			Article
249	Thooyavan Y.; Kumaraswamidhas L.A.; Raj R.D.E.; Binoj J.S.; Brailson Mansingh B.	Effect of combined micro and nano silicon carbide particles addition on mechanical, wear and moisture absorption features of basalt bidirectional mat/vinyl ester composites	2022	Polymer Composites	43	5		2574	2583	Article
250	Murthy D.S.; Prasad V.S.; Aman K.; Kumar Reddy M.P.; Madhavi K.R.; Sunitha G.	An Investigative Study of Shallow, Deep and Dense Learning Models for Breast Cancer Detection based on Microcalcifications	2022	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022						Conference paper
251	Balakrishnan A.; Ramana K.; Nanmaran K.; Ramachandran M.; Bhaskar V.; Kallam S.	RSSI Based Localization and Tracking in a Spatial Network System using Wireless Sensor Networks	2022	Wireless Personal Communications	123	1		879	915	Article
252	Sunitha G.; Geetha K.; Neelakandan S.; Pundir A.K.S.; Hemalatha S.; Kumar V.	Intelligent deep learning based ethnicity recognition and classification using facial images	2022	Image and Vision Computing	121		104404			Article
253	Cheepati K.R.; Rivera M.; Wheeler P.; Subburaj V.; Krishnan S.; Daram S.B.; Amaresh K.	A Two-Step Horizon Optimum Switching Vector-Model Predictive Control with a Novel Shunt Active Filter Reference Current Extraction	2022	Journal of Circuits, Systems and Computers	31	10	2250174			Article
254	Manorama Devi B.; Vemuri S.; Chandrashekhar A.; Sushama C.; Nandankar P.V.; Kundu P.	Impact of COVID-19 pandemic and the diagnosis of the virus in the human body	2022	World Journal of Engineering	19	5		652	657	Article
255	Surendran V.; Palei N.N.; Vanangamudi M.; Madheswaragupta P.	Systemic Optimization and Validation of RP-HPLC Method for the Estimation of Ritonavir from Hybrid Polymeric Nanoparticles in Rat Plasma	2022	Current Pharmaceutical Analysis	18	6		650	662	Article
256	Surendran V.; Palei N.N.	Formulation and Characterization of Rutin Loaded Chitosan-alginate Nanoparticles: Antidiabetic and Cytotoxicity Studies	2022	Current Drug Delivery	19	3		379	394	Article
257	Basha S.K.T.; Kalla R.M.N.; Varalakshmi M.; Sudhamani H.; Appa R.M.; Chul Hong S.; Raju C.N.	Heterogeneous catalyst SiO ₂ –LaCl ₃ ·7H ₂ O: characterization and microwave-assisted green synthesis of α-aminophosphonates and their antimicrobial activity	2022	Molecular Diversity	26	5		2703	2715	Article
258	Ramaswamy S.; Kongara D.; Priyanka D.L.; Gade R.; Krishna Raj R.; Gayathri R.	Synthesis, spectral characterization, antibacterial, cytotoxic evaluation and docking studies of new urea and thiourea derivatives	2022	Indian Journal of Biochemistry and Biophysics	59	7		767	776	Article
259	Neelima K.; Satyam; Teja N.V.; Gireesh N.	Classification of Diabetic Retinopathy Fundus Images using Deep Neural Network	2022	International Conference on Futuristic Technologies in Control Systems and Renewable Energy, ICFCR 2022						Conference paper
260	Doddipalli R.R.; Krupakaran R.L.; Gangula V.R.; Tarigonda H.; Anchupogu P.; Petla R.K.	A Comparison of Coated and Uncoated Diesel Engine Performance and Emission Characteristics Powered by Chlorella Vulgaris Biodiesel Blend with an Assistance of Alumina Nano Additive	2022	SAE Technical Papers						Conference paper
261	Pasupuleti T.; Natarajan M.; Krishnamachary P.C.; Ramesh R.	Investigations on advanced Joining Method for Inconel 718 and SS304 Dissimilar Joints	2022	SAE Technical Papers						Conference paper
262	Goluguri N.V.R.; Suganya Devi K.; Prathima C.H.	Infectious diseases of Rice plants classified using a deep learning-powered Least Squares Support Vector Machine Model	2022	Indian Journal of Computer Science and Engineering	13	5		1640	1659	Article
263	Mathakala V.; Muppuru M.K.; Palempalli U.M.D.	Halophila beccarii extract ameliorate glucose uptake in 3T3-L1 adipocyte cells and improves glucose homeostasis in streptozotocin-induced diabetic rats	2022	Heliyon	8	8	e10252			Article
264	Venkata Sudhakar C.; Umamaheswara Reddy G.	Land use Land cover change Assessment at Cement Industrial area using Landsat data-hybrid classification in part of YSR Kadapa District, Andhra Pradesh, India	2022	International Journal of Intelligent Systems and Applications in Engineering	10	1		75	86	Article
265	Rambabu G.; Kiran Y.B.R.; Tarakeswar Y.; Khalivulla S.I.; Barbosa L.C.A.; Vijayakumar V.	Montmorillonite K10 Clay Catalyzed Synthesis of Novel β-Aminocarbonyl Compounds and Their Biological Evaluation	2022	Chemistry and Biodiversity	19	10	e202200669			Article
266	Sujatha D.; Subramaniam M.; Rene Robin C.R.	A new design of multimedia big data retrieval enabled by deep feature learning and Adaptive Semantic Similarity Function	2022	Multimedia Systems	28	3		1039	1058	Article
267	Thooyavan Y.; Kumaraswamidhas L.A.; Edwin Raj R.; Binoj J.S.; Brailson Mansingh B.	Failure analysis of basalt bidirectional mat reinforced micro/nano Sic particle filled vinyl ester polymer composites	2022	Engineering Failure Analysis	136		106227			Article
268	Anitha K.; Aswini J.; Sabitha R.; Nalini M.	An intelligent traffic management system adapting image processing techniques in comparison with wireless sensor monitoring	2022	AIP Conference Proceedings	2519		50056			Conference paper

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269	Morasa B.; Anwaraly Y.B.; Chennuru J.R.; Devara C.; Gavvalla M.	Smart Monitoring System for Waste Management Using IoT	2022	Communications in Computer and Information Science	1738 CCIS			461	470	Conference paper
270	Koteswara Rao Devana V.N.; Kusuma Kumari E.; Chakradhar K.S.; Kadali Sharma P.; Rama Devi D.; Manohar Kumar C.; Dhana Raj V.; Prasad D.R.	A novel foot-shaped elliptically embedded patch-ultra wide band antenna with quadruple band notch characteristics verified by characteristic mode analysis	2022	International Journal of Communication Systems	35	15	e5284			Article
271	Kumar M.S.; Harika A.; Sushama C.; Neelima P.	Automated extraction of non-functional requirements from text files: A supervised learning approach	2022	Handbook of Intelligent Computing and Optimization for Sustainable Development				149	170	Book chapter
272	Sunitha G.; Prathima B.; Yadav C.C.; Sudeepthi A.; Charitha C.L.; Berinath V.S.	Speech Recognition based Assistant Bee: Vision to the Impaired	2022	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings				1535	1540	Conference paper
273	Geetha P.; Praveena H.D.; Sudha K.	Comparitive Study of Single, Double and Multi Shell CNTMOSFET for Biosensing Applications	2022	Journal of Pharmaceutical Negative Results	13	4		999	1004	Article
274	Seerangan R.N.; Putta P.; Srinivasan N.; Sreedhar S.V.; Venkatesh B.	Investigation on Formability of Tailored AA7075 Thin Sheets by Friction Stir Processes	2022	SAE Technical Papers						Conference paper
275	Kumar G.H.; Ramesh G.P.	Node localization algorithm for detecting malicious nodes to prevent connection failures and improve end-to-end delay	2022	Computer Communications	190			37	47	Article
276	Begum Anwaraly Y.; Balaji M.	Design of PLC based Building Control for Energy Optimization	2022	INDICON 2022 - 2022 IEEE 19th India Council International Conference						Conference paper
277	Suresh K.; Vijayshankar S.; Sathyaseelan B.; Saravanan R.	Multi-Input Multi-Output Converter for Universal Power Conversion Operation	2022	Journal of Circuits, Systems and Computers	31	1	2250019			Article
278	Suresh K.; Parimalasundar E.	A novel dual-leg DC-DC converter for wide range DC-AC conversion	2022	Automatika	63	3		572	579	Article
279	Sudha K.; Praveena H.D.; Geetha P.	Design and Simulation of Compact Dual Band Fractal Antenna for Navigation Applications	2022	Journal of Pharmaceutical Negative Results	13	4		1005	1009	Article
280	Arun V.; Prabhu S.	Design and vibration analysis on EMS by using Block Lanczos method for humanoid robotics arm applications	2022	International Journal on Interactive Design and Manufacturing						Article
281	Harish Babu D.; Venkateswarlu B.; Sarojamma G.; Satya Narayana P.V.	Coupled Impression of Radiative Thermal Flux and Lorentz Force on the Water Carrying Composite Nanoliquid Streaming Past an Elastic Sheet	2022	Journal of Thermal Science and Engineering Applications	14	9	91002			Article
282	Parimalasundar E.; Jayakumar S.; Ravikumar R.; Suresh K.	Investigation analysis of open circuit and short circuit fault on cascaded H-bridged multilevel inverter using artificial neural network approach	2022	International Journal of Electrical and Electronics Research	10	2	0322SI-IJEER-2022-14	320	326	Article
283	Natarajan V.A.; Bhavishya G.; Siddardha B.; Reddy B.S.N.; Dathusai G.; Sree G.V.	Detection of Skin Malignancy Using Deep Convolutional Neural Networks with Transfer Learning Techniques	2022	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022						Conference paper
284	Vishnu Vardhana Naidu B.; Natarajan M.; Surendranatha G.M.; Varaprasad K.C.	Fabrication of aluminium hybrid metal matrix composites and development multiple regression models for wire electrical discharge machining	2022	International Journal on Interactive Design and Manufacturing						Article
285	Mydukuri R.V.; Kallam S.; Patan R.; Al-Turjman F.; Ramachandran M.	Deming least square regressed feature selection and Gaussian neuro-fuzzy multi-layered data classifier for early COVID prediction	2022	Expert Systems	39	4	e12694			Article
286	Saravanan R.; Vijayshankar S.; Sathyaseelan; Suresh K.	Integrated DC-AC and AC-DC converter using H-converter for wide range voltage applications	2022	Circuit World	48	1		139	146	Article
287	Suryanarayana G.; Varadarajan V.; Pillutla S.R.; Nagajyothi G.; Kotapati G.	Multiple Degradation Skilled Network for Infrared and Visible Image Fusion Based on Multi-Resolution SVD Updation	2022	Mathematics	10	18	3389			Article
288	Harathi N.; Subramanian K.; Sarkar A.; Selvarajan R.	Performance Evaluation of SAW-Based Hydrogen Gas Sensors with Different IDT Geometries	2022	Nano LIFE	12	3	2250009			Article
289	Balakrishna N.; Sunitha G.; Karthik A.; Madhavi K.R.; Avanija J.	Tomato Leaf Disease Detection Using Deep Learning: A CNN Approach	2022	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022						Conference paper
290	Arun V.; Kumar N.M.G.; Jagadeesh D.	Study on thermo-electrical characteristics of natural oils	2022	Materials Today: Proceedings	68			1208	1213	Conference paper
291	Uma Ravi Sankar A.; Varalakshmi M.; Kiran Y.B.; Rambabu G.; Yoon K.R.	Design and Synthesis of new binuclear photo luminescent Europium (III) complex	2022	Inorganic Chemistry Communications	139		109328			Article
292	Aswini J.; Yamini B.; Jatothu R.; Nayaki K.S.; Nalini M.	An efficient cloud-based healthcare services paradigm for chronic kidney disease prediction application using boosted support vector machine	2022	Concurrency and Computation: Practice and Experience	34	10	e6722			Article
293	Binoj J.S.; Manikandan N.; Thejasree P.; Varaprasad K.C.; Sasikala P.; Manideep M.	Application of Predictive Models for Wire Electrical Discharge Machining of Nickel Alloy	2022	Lecture Notes in Mechanical Engineering				1003	1011	Conference paper
294	Chalapathi T.; Kumaraswamy N.K.; Harish B.D.	Algebraic Properties of Finite Neutrosophic Fields	2022	Neutrosophic Sets and Systems	49			253	261	Article

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295	Suresh Kumar A.; Muthukannan M.; Arunkumar K.; Chithambar Ganesh A.; Kanniga Devi R.	Utilisation of waste glass powder to improve the performance of hazardous incinerated biomedical waste ash geopolymer concrete	2022	Innovative Infrastructure Solutions	7	1	93			Article
296	Neelima K.; Chennapalli S.	Post-pandemic global inequalities: Causes and measures	2022	Emerging Trends and Insights on Economic Inequality in the Wake of Global Crises				40	55	Book chapter
297	Devaraj S.; Yarrakula K.; Martha T.R.; Murugesan G.P.; Vaka D.S.; Surampudi S.; Wadhwa A.; Loganathan P.; Budamala V.	Time series SAR interferometry approach for landslide identification in mountainous areas of Western Ghats, India	2022	Journal of Earth System Science	131	2	133			Article
298	Mekala M.S.; Dhiman G.; Patan R.; Kallam S.; Ramana K.; Yadav K.; Alharbi A.O.	Deep learning-influenced joint vehicle-to-infrastructure and vehicle-to-vehicle communication approach for internet of vehicles	2022	Expert Systems	39	5	e12815			Article
299	Feroz Khan A.B.; R H.L.; Kalpana Devi S.; Rajalakshmi C.N.	A multi-attribute based trusted routing for embedded devices in MANET-IoT	2022	Microprocessors and Microsystems	89		104446			Article
300	Suresh K.; Parimalasundar E.	IPWM Based IBMSC DC-AC Converter Using Solar Power for Wide Voltage Conversion System; [Convertisseur DC-AC IBMSC basé sur l'IPWM et utilisant l'énergie solaire pour un système de conversion à large tension]	2022	IEEE Canadian Journal of Electrical and Computer Engineering	45	4		394	400	Article
301	Suvarna T.; Madhumohan V.; Lavanya G.; Vardhani C.P.	The effect of substrate temperature on the structural, optical, and electrical properties of Cu-doped indium oxide (CIO) thin films deposited by spray pyrolysis technique	2022	Journal of Materials Science: Materials in Electronics	33	21		16967	16976	Article
302	Rajangam J.; Navaneetha K.S.; Palei N.N.; Bhatt S.; Das M.K.; Das S.; Mathusoothanan K.	Ameliorative Potential of Rosuvastatin on Doxorubicin-induced Cardiotoxicity by Modulating Oxidative Damage in Rats; [Siçanlarda Oksidatif Hasar Modülasyonuyla Doksorubisinin İndüklediği Kardiyotoksisite Üzerine Rosuvastatinin İyileştirici Potansiyeli]	2022	Turkish Journal of Pharmaceutical Sciences	19	1		28	34	Article
303	Shaik J.B.; Venkatramana P.	Investigation of Crosstalk Issues for MWCNT Bundled TSVs in Ternary Logic	2022	ECS Journal of Solid State Science and Technology	11	3	31002			Article
304	Dharmamoorthy G.; Anupama M.S.; Sai Nandhini M.; Grace Susmitha K.J.; Ramani S.L.; Balaji A.	A POWERFUL ANALYTICAL TECHNIQUE IN PHARMACEUTICAL DRUG DISCOVERY: RAPID RESOLUTION LIUID CHROMATOGRAPHY (RRLC)	2022	European Chemical Bulletin	11	10		30	40	Article
305	Arun V.; Kumar N.M.G.; Prabaharan N.	A hybrid reference pulse width modulation technique for binary source multilevel inverter	2022	International Journal of Power Electronics and Drive Systems	13	2		980	987	Article
306	Sreelakshmi S.; Sujatha M.S.; Rahul J.R.	Multi-level inverter with novel carrier pulse width modulation technique for high voltage applications	2022	Indonesian Journal of Electrical Engineering and Computer Science	26	2		667	674	Article
307	Viji K.; Chitra K.; Sujatha M.S.; Jaisiva S.; Nageswara Rao A.; Ahmed A.	Fast Charging Technique for Grid Connected Electric Vehicle using DAB Converter	2022	Proceedings of the 2022 3rd International Conference on Communication, Computing and Industry 4.0, C2I4 2022						Conference paper
308	Palanisamy D.; Devaraju A.; Narasimhamu K.L.; Thejasree P.; Manikandan N.; Ramesh R.	Machinability Analysis and Development of Hybrid Grey-ANFIS Model in Machining of (0Cr17Ni4Cu4Nb) Stainless Steel with MQL and Cryo-Treated Textured Inserts	2022	Lecture Notes in Mechanical Engineering				565	575	Conference paper
309	Abraham A.V.; Sasidharan P.; Tejas S.J.S.; Manohara M.; Muthu R.; Naidu R.C.	Predicting Energy Consumption Using LSTM and CNN Deep Learning Algorithm	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference paper
310	Suresh Kumar A.; Muthukannan M.; Kanniga Devi R.; Arunkumar K.; Chithambar Ganesh A.	Improving the Performance of Structural Members by Incorporating Incinerated Bio-Medical Waste Ash in Reinforced Geopolymer Concrete	2022	Materials Science Forum	1048 MSF			321	332	Conference paper
311	Sangamithra B.; Manjunath Swamy B.E.; Sunil Kumar M.	Personalized Ranking Mechanism Using Yandex Dataset on Machine Learning Approaches	2022	Cognitive Science and Technology				629	639	Book chapter
312	Venkata Sudhakar C.; Umamaheswara Reddy G.	Satellite Image Based Spatio-Temporal Variation Assessment in Captive Limestone Mines for Long-Term Viability	2022	Journal of Mobile Multimedia	18	3		635	660	Article
313	Ranjit Reddy M.; Lakshmi Sagar P.; Shaik N.S.	Diabetes Mellitius Detection and Self Management based on Machine Learning	2022	Journal of Pharmaceutical Negative Results	13	4		1014	1018	Article
314	Manikandan N.; Thejasree P.; Raju R.; Palanisamy D.; Varaprasad K.C.; Sagai Francis Britto A.; Deeraj Chengalva Sai A.	Investigations on Wire Electrical Discharge Machining of Titanium Alloys by Taguchi—Grey Approach	2022	Lecture Notes in Mechanical Engineering				359	368	Conference paper
315	Gnana Sagaya Raj A.; Sekhar Mishra C.; Sachuthananthan B.; Arshi Banu P.S.	Impact of dual fuel compression ignition engine on its performance, combustion and emission characteristics	2022	Materials Today: Proceedings	64			302	307	Conference paper

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316	Naidu K.K.; Sreenadh S.	Fully developed free convective flow of a Bingham fluid in a circular pipe with permeable wall	2022	International Journal of Ambient Energy	43	1		6643	6650	Article
317	Agrawal U.; Pingala N.; Ishan G.; Prasad T.N.; Muthu R.; Naidu R.C.	Development and Integration of Biomass and Concentrating Photovoltaic System for Rural and Urban Areas	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference paper
318	Dharani M.; Bharathi M.; Tharun Reddy M.; Venkata Sahithya Lakshmi P.; Samskruthi K.; Chitteti C.	A Novel Realization of Multiplier Design for Signal Processing	2022	Journal of Pharmaceutical Negative Results	13	4		985	989	Article
319	Sindhuja R.; Suresh K.; Parimalasundar E.; Padma S.	A Reconfigurable Multilevel Inverters with Minimal Switches for Battery Charging and Renewable Energy Applications	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				422	427	Conference paper
320	Bharathi M.; Prasad D.; Venkatakrishnamoorthy T.; Dharani M.	Diabetes Diagnostic Method based on Tongue Image Classification Using Machine Learning Algorithms	2022	Journal of Pharmaceutical Negative Results	13	4		1247	1250	Article
321	Binoj J.S.; Manikandan N.; Thejasree P.; Krishnamachary P.C.; Raju R.; Sasikala P.; Alisher Basha S.	Machinability Investigations on Wire Electrical Discharge Machining of Ti-6Al-4V (Grade 5) by Taguchi Approach	2022	Lecture Notes in Mechanical Engineering				867	874	Conference paper
322	Avanija J.; Madhavi K.R.; Sunitha G.; Sangapu S.C.; Raju S.	Facial Expression Recognition using Convolutional Neural Network	2022	2022 1st International Conference on Artificial Intelligence Trends and Pattern Recognition, ICAITPR 2022						Conference paper
323	Kalaivani K.; Uma Maheswari N.; Venkatesh R.	Heart disease diagnosis using optimized features of hybridized ALC SOGA algorithm and LSTM classifier	2022	Network: Computation in Neural Systems	33	01-Feb		95	123	Article
324	Arunkumar K.; Muthukannan M.; Kumar A.S.; Ganesh A.C.; Devi R.K.	Cleaner environment approach by the utilization of low calcium wood ash in geopolymers concrete	2022	Applied Science and Engineering Progress	15	1	5165			Article
325	Reddy B.M.; Reddy R.M.; Reddy D.M.S.; Ananthakrishna N.; Reddy P.V.	Development and characterisation of Cordia Dichotoma Fibre / Granite filler reinforced polymer blended (Epoxy/Polyester) hybrid composites	2022	Advances in Materials and Processing Technologies	8	1		461	477	Article
326	Pamula Pullaiah N.R.; Venkatesekhar D.; Venkatramana P.	Breast Cancer Classification using Customized ResNet based Convolution Neural Networks	2022	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022						Conference paper
327	Kumar B.H.; Reddy P.K.K.; Naik N.R.; Tharun M.; Nagaraj K.; Babu N.M.	Control of Modified Switched Reluctance Motor for EV Applications	2022	International Conference on Trends in Electrical, Electronics, Computer Engineering, TEECCON 2022				123	127	Conference paper
328	Francis A.; Thiruganasambantham K.G.; Ramesh R.; Roshan M.V.; Kumar M.P.U.	High-temperature erosion and its mechanisms of IN-738 superalloy under hot air jet conditions	2022	International Journal on Interactive Design and Manufacturing						Article
329	Prakash C.; Senthil P.; Manikandan N.; Palanisamy D.	Investigations on machinability characteristics of Cast Aluminum Alloy based (LM 26+Graphite+Fly ash) Hybrid Metal Matrix Composites for automobile components	2022	Materials and Manufacturing Processes	37	7		748	763	Article
330	Palanisamy D.; Devaraju A.; Narasimhamu K.L.; Manikandan N.; Raju R.; Thejasree P.; Arulkirubakaran D.	Performance of Textured Tool with MQL in Machining of Precipitation Hardened Stainless Steel	2022	Lecture Notes in Mechanical Engineering				39	50	Conference paper
331	Marimuthu S.; Natarajan M.; Ramesh R.; Murugesan R.	Hollow three-dimensional model for fuel reduction in aviation industry	2022	International Journal on Interactive Design and Manufacturing						Article
332	Binoj J.S.; Edwin Raj R.; Manikandan N.	Development of Bio-Composites From Industrial Discarded Fruit Fibers	2022	Natural Polymers: Perspectives and Applications for a Green Approach				41	68	Book chapter
333	Binoj J.S.; Thejasree P.; Palanisamy D.; Naidu B.V.V.; Manikandan N.; Raju R.; Manideep M.	Application of Multiple Regression Analysis for Wire Electrical Discharge Machining of Ti-6Al-4 V (Grade 5)	2022	Lecture Notes in Mechanical Engineering				1085	1093	Conference paper
334	Varma M.M.M.K.; Baghel P.K.; Raju R.	Additive Manufacturing of Thermosetting Resins In-Situ Carbon Fibers: A Review	2022	Lecture Notes in Mechanical Engineering				97	105	Conference paper
335	Gnana Sagaya Raj A.; Sachuthananthan B.; Mishra C.S.; Arshi Banu P.S.	Diesel engine behavior using coconut oil methyl esters and its blends	2022	Materials Today: Proceedings	68			1288	1293	Conference paper
336	Reddy M.K.; Kovuri K.; Avanija J.; Sakthivel M.; Kaleru S.	Brain Stroke Prediction Using Deep Learning: A CNN Approach	2022	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings				775	780	Conference paper
337	Avanija J.; Sunitha G.; Madhavi K.R.; Chakravarthi S.S.; Sai Vittal R.H.	Prediction and Analysis of Cervical Cancer: An Ensemble Approach	2022	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings				1734	1739	Conference paper
338	Divya N.; Neha P.S.; Shivani S.; Reddy P.N.; Sathvik P.D.; Sahith P.K.	Triple Band Printed Wearable Antenna for Remote Healthcare Monitoring Device	2022	Proceedings of 4th International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCCMILA 2022				216	220	Conference paper

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339	Kamal Kumar U.; Janamala V.	Artificial Ecosystem-Based Optimization for Optimal Location and Sizing of Solar Photovoltaic Distribution Generation in Agriculture Feeders	2022	Lecture Notes on Data Engineering and Communications Technologies	114			743	757	Book chapter
340	Javid Basha S.; Venkatramana P.	Design of quaternary MIN and MAX circuits using graphene nanoribbon field effect transistors	2022	Materials Today: Proceedings	66			3502	3506	Conference paper
341	Chandana B.H.; Nune D.; Harika D.	Design and Simulation of Circular Textile Antenna with C-Slot	2022	2022 International Conference on Emerging Smart Computing and Informatics, ESCI 2022						Conference paper
342	Sivaiah P.; Venkata Ajay kumar G.; Lakshmi Narasimhamu K.; Siva Balaji N.	Performance improvement of turning operation during processing of AISI 304 with novel textured tools under minimum quantity lubrication using hybrid optimization technique	2022	Materials and Manufacturing Processes	37	6		693	700	Article
343	Tallapragada V.V.S.; Reddy V.D.; Varma S.K.N.V.	Fuzzy Joint Gaussian-Impulsive Noise Removal Using Joint Distribution Modelling in Sparse Domain	2022	International Journal of Fuzzy System Applications	11	3				Article
344	Mukund; Mohammad K.; Basu S.; Prasad T.N.; Muthu R.; Naidu R.C.	Optimizing Hydrogen Consumption in Fuel cells Using Simulated Annealing Algorithm	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference paper
345	Angadi R.V.; Daram S.B.; Venkataramu P.S.; Joshi Manohar V.	Data Mining and Machine Learning Technique in Contingency Analysis of Power System with UPFC	2022	Distributed Generation and Alternative Energy Journal	37	5		1305	1328	Article
346	Manikandan N.; Binoj J.S.; Thejasree P.; Krishnamachary P.C.; Raju R.; Palanisamy D.; Hari Jhanavi G.	Investigations on Wire Electrical Discharge Machining of Magnesium Alloy	2022	Lecture Notes in Mechanical Engineering				523	531	Conference paper
347	Angadi R.V.; Daram S.B.; Venkataramu P.S.	Role of big data analytic and machine learning in power system contingency analysis	2022	Smart Electrical and Mechanical Systems: An Application of Artificial Intelligence and Machine Learning				151	184	Book chapter
348	Balaji M.; Padmaja N.	High-Speed DSP Pipelining and Retiming techniques for DistributedArithmetic RNS-based FIR Filter Design	2022	WSEAS Transactions on Systems and Control	17			549	556	Article
349	Prakash P.; Vemoori R.; Kuladeep G.; Sarayu G.; Nagendraravaprasad K.; Karthik C.; Harshavardhan Reddy C.	Effect of holding periods at normalization temperature on formation of various phases, precipitates, hardness of reduced activation and ferritic-martensitic steels	2022	Materials Today: Proceedings	68			1437	1441	Conference paper
350	Arunkumar K.; Muthukannan M.; Sureshkumar A.; Chithambarganesh A.; Rangaswamy Kanniga Devi R.	Mechanical and durability characterization of hybrid fibre reinforced green geopolymer concrete	2022	Research on Engineering Structures and Materials	8	1		19	43	Article
351	Sushma C.; Padmaja N.	Design of Hearing Aid using Variable Bandwidth Digital FIR Filterbank	2022	Proceedings - 2022 International Conference on Breakthrough in Heuristics and Reciprocation of Advanced Technologies, BHARAT 2022				77	82	Conference paper
352	Malhotra K.; Ahmed A.; Shyam A.; Prasad T.N.; Muthu R.; Naidu R.C.	Economic Load Dispatch Using Novel Bat Algorithm Applying Doppler Effect	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference paper
353	Sundaramoorthy P.; Arun V.; Kumar B.H.; Kavali J.; Balaji M.	Investigations on Novel Hybrid Reluctance Motor for Electric Vehicle Applications; [Recherches sur un nouveau moteur à réluctance hybride pour les applications au véhicule électrique]	2022	IEEE Canadian Journal of Electrical and Computer Engineering	45	4		454	465	Article
354	Damodaram A.K.; Tulasi Ch.L.; Reddy L.V.	Recent Decade Global Trends in Renewable Energy and Investments - A Review	2022	International Journal of COMADEM	25	3		3	8	Article
355	Saahithi S.; Hemanth Kumar B.; Reddy J.; Dash R.; Subburaj V.	Dual-Topology Cross-Coupled Configuration of Switched Capacitor Converter for Wide Range of Application	2022	MELECON 2022 - IEEE Mediterranean Electrotechnical Conference, Proceedings				796	800	Conference paper
356	Raju R.; M.K. Varma M.M.; Kumar Baghel P.	Optimization of process parameters for 3D printing process using Taguchi based grey approach	2022	Materials Today: Proceedings	68			1515	1520	Conference paper
357	Vinod Kumar M.; Siddaramaiah Y.M.; Jaideep C.; Chithambar Ganesh A.	An analytical studies on static and fatigue response of steel fibre and re-cycled aggregate integrated high strength concrete beam	2022	Materials Today: Proceedings	66			1810	1818	Conference paper
358	Depuru S.; Nandam A.; Sivanantham S.; Amala K.; Akshaya V.; Saktivel M.	Convolutional Neural Network based Human Emotion Recognition System: A Deep Learning Approach	2022	Proceedings - 2nd International Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022						Conference paper
359	Sakthivel M.; Sivanantham S.; Akshaya V.; Sivakumar D.; Karthikeyan H.	A Malicious Botnet Traffic Detection Using Machine Learning	2022	Journal of Pharmaceutical Negative Results	13	4		968	977	Article

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360	Suresh Kumar A.; Muthukannan M.; Arunkumar K.; Sriram M.; Vigneshwar R.; Gulshan Sikkandar A.	Development of eco-friendly geopolymer concrete by utilizing hazardous industrial waste materials	2022	Materials Today: Proceedings	66			2215	2225	Conference paper
361	Bagchi K.; Poojith R.; Madhavan A.R.; Gireesh N.; Muthu R.; Naidu R.C.	Designing and Optimizing an Active Car Suspension with Genetic Algorithm	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference paper
362	Dharani N.P.; Ismail M.; Vidhya M.	Drunk and Drive Detection System for Safety Driving	2022	Proceedings of 2022 IEEE International Conference on Current Development in Engineering and Technology, CCET 2022						Conference paper
363	Sunitha G.; Madhavi K.R.; Avanija J.; Reddy S.T.K.; Sai Vittal R.H.	Modeling Convolutional Neural Network for Detection of Plant Leaf Spot Diseases	2022	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings				1187	1192	Conference paper
364	Nathan Seerangan R.; Chinnasamy R.; Natrajan R.; Ashok kumar A.; Ranganathan H.	Stress corrosion cracking of friction stir welded AISI 304 and 316 L dissimilar steel alloys	2022	Materials Today: Proceedings	68			1663	1666	Conference paper
365	Ganesan U.; Paul N.E.E.; Krishnan G.H.; Aarthi S.; Swamy I.K.	Detecting Diabetes Mellitus from Tongue Image Hybrid Features and Neural Netowrk Classifier	2022	Proceedings of 4th International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCCMIA 2022				425	427	Conference paper
366	Bagale U.; Kadi A.; Potoroko I.; Rangari V.; Mahale M.	Ultrasound-Assisted Dibutyl Phthalate Nanocapsules Preparation and its Application as Corrosion Inhibition Coatings	2022	Karbala International Journal of Modern Science	8	2		154	168	Article
367	Ashokkumar N.; Kavitha A.; Devi S.; Venkataramana P.	Wireless Sensor Data Fusion Techniques in Estimating Temporal Resource Attributes in Scenarios of Intermittent Connectivity; [Aralıklı Bağlantı Senaryolarında Zamansal Kaynak Niteliklerini Tahmin Etmede Kablosuz Sensör Veri Birleştirme Teknikleri]	2022	El-Cezeri Journal of Science and Engineering	9	2		413	423	Article
368	Thejasree P.; Manikandan N.; Binoj J.S.; Krishnamachary P.C.; Arulkirubakaran D.; Reddy J.J.; Reddy V.I.K.; Saikiran K.; Vardhan C.V.	Application of Multiple Regression Analysis for Wire Electrical Discharge Machining of Stainless Steel 304	2022	Lecture Notes in Mechanical Engineering				175	183	Conference paper
369	Thejasree P.; Palanisamy D.	Experimental investigations on wire cut electric discharge machining on Monel 400 alloys	2022	Materials Today: Proceedings	68			1622	1627	Conference paper
370	Naidu K.K.; Babu D.H.; Narayana P.V.S.; Reddy S.H.; Chalapathi T.	CONVECTIVE FLOW OF PRANDTL HYBRID NANOFLUID (SWCNT-MWCNT/EG) OVER AN EXPONENTIALLY ELONGATED SHEET WITH SECOND-ORDER SLIP	2022	Journal of Porous Media	25	12		43	57	Article
371	Yasmine Begum A.; Balaji M.; Satyanarayana V.	Quantum dot cellular automata using a one-bit comparator for QCA gates	2022	Materials Today: Proceedings	66			3539	3546	Conference paper
372	Palanisamy D.; Devaraju A.; Narasimhamu K.L.; Thejasree P.; Manikandan N.; Ramesh R.	Machinability Investigations on Turning of PH Steel Using Taguchi-Based Grey Relational Approach	2022	Lecture Notes in Mechanical Engineering				265	272	Conference paper
373	Arunkumar K.; Muthukannan M.; Kumar A.S.; Ganesh A.C.; Devi R.K.	Hybrid fibre reinforced eco-friendly geopolymer concrete made with waste wood ash: A mechanical characterization study	2022	Engineering and Applied Science Research	49	2		235	247	Article
374	Anantha Natarajan V.; Vardhan P.V.; Priya N.M.S.; Vineeth N.; Parthu V.	Real-Time Face Mask Detection from CCTV Video Frames using Deep Neural Networks	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings				809	812	Conference paper
375	Palanisamy D.; Lakshmikala K.; Umapathi D.	Machinability studies on nickel based super alloys using cryo-treated tungsten carbide inserts	2022	Materials Today: Proceedings	68			1641	1647	Conference paper
376	Anitha C.; Sivakumar C.; Rajasekar V.; Velliangiri S.	Dynamic Tree Routing Protocol with Convex Hull Optimization for Optimal Routing Paths	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022				729	733	Conference paper
377	Katuri R.; Gorantla S.; Suresh K.	Investigation on intelligent controllers performace used in electric vehicle application	2022	International Journal of Ambient Energy	43	1		3900	3915	Article
378	Agbulu G.P.; Kumar G.J.R.; Gunasekar S.	Energy Management, Design Constraints and Solution for Data Dissemination in Wireless Sensor Networks	2022	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022				586	595	Conference paper
379	Thirugnanasambantham K.G.; Francis A.; Ramesh R.; Aravind M.; Reddy M.K.	Investigation of erosion mechanisms on IN-718 based turbine blades under water jet conditions	2022	International Journal on Interactive Design and Manufacturing						Article

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380	Ganesh A.C.; Mukilan K.; Srikar B.P.V.; Teja L.V.S.; Prasad K.S.V.; Kumar A.A.; Sharath R.P.	Effect of Flyash-Rice Husk Ash Blend in the Energy Efficient Geopolymer Tiles Using Industrial Wastes	2022	Materials Science Forum	1048 MSF			403	411	Conference paper
381	Sita H.; Reddy P.U.; Kiranmayi R.	Optimal location and sizing of UPFC for optimal power flow in a deregulated power system using a hybrid algorithm	2022	International Journal of Ambient Energy	43	1		1413	1419	Article
382	Arulkirubakaran D.; Malkiya Rasalin Prince R.; Neil Anand K.; Manikandan N.; Jenny Manaswitha D.; Lavanya A.; Suresh M.N.; Kishore K.C.S.; Chauhan B.; Vishal S.	Robotic Utilization in Farming Field—A Review	2022	Lecture Notes in Mechanical Engineering				61	73	Conference paper
383	Chilukuri P.; Arun Kumar J.R.; Anusuya R.; Ramkumar Prabhu M.	Auto Encoders and Decoders Techniques of Convolutional Neural Network Approach for Image Denoising In Deep Learning	2022	Journal of Pharmaceutical Negative Results	13	4		1036	1040	Article
384	Vijaya Lakshmi P.; Musala S.; Srinivasulu A.	Flash ADC's low power, high speed dynamic comparator	2022	Proceedings of 2022 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering, WIECON-ECE 2022				352	355	Conference paper
385	Manikandan N.; Varaprasad K.C.; Thejasree P.; Palanisamy D.; Arulkirubakaran D.; Raju R.; Badrinath K.	Prediction of Performance Measures Using Multiple Regression Analysis for Wire Electrical Discharge Machining of Titanium Alloy	2022	Lecture Notes in Mechanical Engineering				601	612	Conference paper
386	Prabhu S.; Balaji M.	Performance Analysis of Permanent Magnet Assisted Outer Rotor Switched Reluctance Motor with Non-Oriented Laminating Material for Electric Transportation Systems	2022	2022 IEEE 2nd International Conference on Sustainable Energy and Future Electric Transportation, SeFeT 2022						Conference paper
387	Reddappa B.; Babu M.S.; Sreenadh S.	MHD FREE CONVECTION AND THE EFFECTS OF SECOND ORDER CHEMICAL REACTIONS AND DOUBLE STRATIFICATION JEFFREY FLOW THROUGH POROUS MEDIUM OVER AN EXPONENTIALLY STRETCHING SHEET	2022	ARPN Journal of Engineering and Applied Sciences	17	10		1047	1059	Article
388	Burada S.; Swamy B.E.M.; Kumar M.S.	Computer-Aided Diagnosis Mechanism for Melanoma Skin Cancer Detection Using Radial Basis Function Network	2022	Cognitive Science and Technology				619	628	Book chapter
389	Anchupogu P.; Krupakaran R.L.; Venkateswarlu S.; Satish S.; Phaneendrareddy S.; Shohel S.; Umamaheswarrao P.	Combined effect of hydrogen and with Julifora biodiesel blend (JFB20) on the combustion, performance and emission characteristics of a direct-injection diesel engine	2022	Materials Today: Proceedings	102	C		236	240	Conference paper
390	Vinoth R.; Sachuthananthan B.	Experimental study of heat transfer and pressure drop characteristics of microtube condenser using R134a	2022	International Journal of Ambient Energy	43	1		4832	4837	Article
391	Suresh Kumar A.; Muthukannan M.; Irene A.D.K.B.; Arunkumar K.; Chithambar G.A.	Flexural Behaviour of Reinforced Geopolymer Concrete incorporated with Hazardous Heavy Metal Waste Ash and Glass Powder	2022	Materials Science Forum	1048 MSF			345	358	Conference paper
392	Pujitha K.; Krishna K.P.; Amala K.; Yasaswini A.; Depuru S.; Runvika K.	Development of Secured Online Parking Spaces	2022	Journal of Pharmaceutical Negative Results	13	4		1010	1013	Article
393	Ravindra G.; Venkateswara Rao M.; Venkatasivanagaraju S.	Sensor Assisted Ghat Road Navigation and Accident Prevention	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings				1402	1407	Conference paper
394	Tallapragada V.V.S.; Alivelu Manga N.; Nagabhushanam M.V.; Venkatanaresh M.	Greek Handwritten Character Recognition Using Inception V3	2022	Smart Innovation, Systems and Technologies	235			247	257	Conference paper
395	Meda S.; Bhogapathi R.	An Integrated Machine Learning Model for Heart Disease Classification and Categorization	2022	Journal of Computer Science	18	4		257	265	Article
396	Naresh K.; Reddy P.U.; Sujatha P.	Design And Comparison Of Performance Of Dfig Based Wind Turbine With Pid Controller, Fuzzy Controller, Artificial Neural Network And Model Predictive Controller	2022	EAI Endorsed Transactions on Energy Web	9	37		1	14	Article
397	Sivanantham S.; Sakthivel M.; Krishnamoorthy V.; Balakrishna N.; Akshaya V.	Reliable Data Storage and Sharing using Block chain Technology and Two Fish Encryption	2022	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings				561	565	Conference paper
398	Lakshmi Narayana S.; Lakshmi Narasimhamu K.; Anantha Krishna N.; Vishnu Vardhana Naidu B.; Deekshith C.	Effect of chemical treatment on mechanical properties of fiber reinforced composites	2022	Materials Today: Proceedings	68			1496	1503	Conference paper
399	Satyam; Neelima K.; Divya N.; Karthikeyan K.; Kumar N.	Design of Rubber Substrate based Flexible Antenna with DGS for WBAN Applications	2022	2022 International Conference on Emerging Smart Computing and Informatics, ESCI 2022						Conference paper
400	Parimalasundar E.; Suresh K.; Sindhuja R.; Manikandan K.	A Performance Investigations of Modular Multilevel Inverter with Reduced Switch Count	2022	Proceedings of 2022 International Conference on Intelligent Innovations in Engineering and Technology, ICIET 2022				83	87	Conference paper
401	Ramani K.; Suneetha I.; Pushpalatha N.; Harish P.; Yugandhar P.	Efficient Multi-Object Identification and Guiding System for Visually Impaired	2022	Journal of Pharmaceutical Negative Results	13	4		1019	1023	Article

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402	A S.K.; M M.; K A.K.; A C.G.; R K.D.	Influence of incinerated biomedical waste ash and waste glass powder on the mechanical and flexural properties of reinforced geopolymer concrete	2022	Australian Journal of Structural Engineering	23	3		254	268	Article
403	Elukuru S.; Chennapalli S.; Nanjappa G.M.	A NEW HARDWARE ARCHITECTURE FOR HIGH-PERFORMANCE PARALLEL TURBO DECODER	2022	IIUM Engineering Journal	23	2		125	137	Article
404	Praveena H.D.; Sudha K.; Geetha P.; Suneetha I.	A Compact Square and Hexagonal Antennas with Fractal DGS for Mobile Satellite Applications	2022	Journal of Pharmaceutical Negative Results	13	4		962	967	Article
405	Suresh K.; Parimalasundar E.	Design and Implementation of Universal Converter Conception et implémentation d'un convertisseur universel	2022	IEEE Canadian Journal of Electrical and Computer Engineering	45	3		272	278	Article
406	Sachuthananthan B.; Vinoth R.; Satya Meher R.; Sandeep B.; Sudheer Kumar N.; Deekshith C.	Study on the use of selective catalytic reduction technique for NOx emission reduction in an diesel engine fuelled with Methyl ester of Water Hyacinth	2022	Materials Today: Proceedings	68			1415	1421	Conference paper
407	Sanjit F.; John H.; Naidu R.C.; Hemachandra S.; Mathew D.; Muthu R.	State of Charge Estimation for a Lithium-Ion Battery Pack	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference paper
408	Anil Kumar N.; Farooq S.A.; Dankan Gowda V.; Sandeep Prabhu M.; Reddy A.M.; Tanguturi R.	Improved Secure Communication Mechanism for IoT Platform Devices	2022	2022 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2022						Conference paper
409	Sankar A.M.; Reddy T.K.; Nagaraja Y.; Tejaswi D.	IoT Based Smart Control of Load for Demand Side Management	2022	International Journal of Electrical and Electronics Research	10	3		684	688	Article
410	Gnanarathinam A.; Palanisamy D.; Gangaraju M.; Arulkirubakaran D.; Balachander E.	Investigation of corrosion behavior of welded area of austenitic stainless steel under different environments	2022	Materials Today: Proceedings	68			1737	1741	Conference paper
411	Syed Z.; Srinivasulu A.; Musala S.; Pal D.; Bhargav A.	Square Wave Generator Using Second Generation Current Controlled Conveyor (CCCCI)	2022	Proceedings of 2022 1st IEEE International Conference on Industrial Electronics: Developments and Applications, ICIDeA 2022				29	34	Conference paper
412	Baburaj M.; Kumar K.M.; Mathew N.T.; Nathan S.R.	A novel approach to measure kerf-width in wire-electric discharge machining	2022	International Journal of Machining and Machinability of Materials	24	5		331	349	Article
413	Kumar B.H.; Kadam D.P.; Rajitha S.; Sundaramoorthy P.; Penchalaiah T.; Janardhan K.	Modified Synchronous Reluctance Motor for Electric Vehicle Applications	2022	International Journal of Electrical and Electronics Research	10	4		926	931	Article
414	Tallapragada V.V.S.; Reddy D.V.; Varma K.N.V.S.; Sarma G.S.	Improved Atrial Fibrillation Detection using CNN-LSTM	2022	2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceedings				1050	1055	Conference paper
415	Ali A.; Hassan S.A.; Baqais A.; Binoj J.S.	A Study on the Application of Solar Cells Sensitized with a Blackberry-Based Natural Dye for Power Generation	2022	Journal of Nanomaterials	2022		2834206			Article
416	Patil A.S.; Sunnapwar V.K.; Bhole K.S.; Oza A.D.; Shinde S.M.; Ramesh R.	Effective machining parameter selection through fuzzy AHP-TOPSIS for 3D finish milling of Ti6Al4V	2022	International Journal on Interactive Design and Manufacturing						Article
417	Anil Kumar N.; Kumar G.K.; Girirajan B.; Gopatoti A.; Kiran S.; Sarkar P.	Image Enhancement Using Laplacian Gaussian Pyramid Based Fusion and Band Rationing Algorithm	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				463	468	Conference paper
418	Chandra I.; Mohana Sundari L.; Ashok Kumar N.; Singh N.P.; Arockia Dhanraj J.	A Logical Data Security Establishment over Wireless Communications using Media based Steganographic Scheme	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022				823	828	Conference paper
419	Rajangam J.; Sampathi P.; Palei N.; Balaji A.; Shyam Sundar A.; Mohanta B.C.; Palanimuthu V.R.	Green Synthesis, Characterization and Antiepileptic Activity of Herbal Nanoparticles of Mimusops Elengi in Mice	2022	Nano Biomedicine and Engineering	14	4		295	301	Article
420	Krupakaran R.L.; Jamuna Rani G.; Anchupogu P.; Vidyasagar Reddy G.; Ragurami Reddy D.; Petla R.K.	Comparative assessment of MWCNTs and alumina nanoparticles dispersion in biodiesel blend on the engine characteristics of an unmodified DI diesel engine	2022	Materials Today: Proceedings	68			1241	1251	Conference paper
421	Manikandan N.; Binoj J.S.; Thejasree P.; Raju R.; Krishnamachary P.C.; Palanisamy D.; Lehya P.R.	Machinability Investigations on Wire Electrical Discharge Machining of Titanium Alloy (Grade 9) Using Taguchi's Approach	2022	Lecture Notes in Mechanical Engineering				447	457	Conference paper
422	Siva Subramanian R.; Prabha D.; Aswini J.; Maheswari B.	Evaluation of Different Variable Selection Approaches with Naive Bayes to Improve the Customer Behavior Prediction	2022	Lecture Notes in Networks and Systems	336			181	201	Conference paper
423	Karthik M.G.; Balaji K.; Harish M.; Prakash P.J.; Silpa C.	Patches Detection on Roads using Machine Learning Techniques	2022	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022				436	441	Conference paper

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424	Mansingh B.B.; Binoj J.S.; Manikandan N.; Sai N.P.; Siengchin S.; Mavinkere Rangappa S.; Bharath K.N.; Indran S.	Kenaf fibers, their composites and applications	2022	Plant Fibers, their Composites, and Applications				283	304	Book chapter
425	Kathirvel A.; Das D.; Kirubakaran S.; Subramaniam M.; Naveenethan S.	Artificial Intelligence-Based Mobile Bill Payment System Using Biometric Fingerprint	2022	Recurrent Neural Networks: Concepts and Applications				233	245	Book chapter
426	Siva Subramanian R.; Prabha D.; Maheswari B.; Aswini J.	Wrapper-Naive Bayes Approach to Perform Efficient Customer Behavior Prediction	2022	Lecture Notes on Data Engineering and Communications Technologies	96			17	31	Book chapter
427	Tallapragada V.V.S.; Kullayamma I.; Kumar G.V.P.; Venkatanaresh M.	Significance of Internet of Things (IoT) in Health Care with Trending Smart Application	2022	Smart Innovation, Systems and Technologies	235			237	245	Conference paper
428	Daram S.B.; Ak V.; Angadi R.V.; Sesiprabha K.	An approach to Contingency Severity Prediction using Data Analytic Techniques in a Power System	2022	Proceedings - 2022 International Conference on Smart and Sustainable Technologies in Energy and Power Sectors, SSTEPS 2022				63	67	Conference paper
429	Ganesh D.; Suresh K.; Kumar M.S.; Balaji K.; Burada S.	Improving Security in Edge Computing by using Cognitive Trust Management Model	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings				524	531	Conference paper
430	Silpa C.; Suneetha I.; Reddy Hemantha G.; Arava R.P.R.; Bhumika Y.	Medication Alarm: A Proficient IoT-Enabled Medication Alarm for Age Old People to the Betterment of their Medication Practice	2022	Journal of Pharmaceutical Negative Results	13	4		1041	1046	Article
431	Alanya-Beltran J.; Akram S.V.; Ajmath K.A.; Valderrama-Zapata C.; Singh Y.; Nomani M.Z.M.	Implementation of DNN in Cyber Security	2022	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022						Conference paper
432	Nathan Seerangan R.; Amarnath V.; Rajesh A.; Chinnasamy R.; Balakrishnan V.	Hardness prediction of post heat treated electron beam welded defense grade AA2219 aluminum alloy for light weight application	2022	Materials Today: Proceedings	68			1667	1672	Conference paper
433	Ravichand M.; Kumar R.; Hazela B.; Suthar T.	Crack on Brick Wall Detection by Computer Vision using Machine Learning	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				1017	1020	Conference paper
434	Umaeswari P.; Babu S.B.G.T.; Sankaru G.A.; Prasad G.N.R.; Sai Thrinath B.V.; Balasubramanyam K.	Machine Learning Based Predicting the Assisted Living Care Needs	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				2141	2146	Conference paper
435	Kumari A.; Prasad K.D.V.; Sushama C.; Kale A.P.; Wahul R.M.; Sagar S.	A Framework for Extracted Data from Social Networking Sites in Addressing the Cross-Site Cold-Start Product Recommendation	2022	International Journal of Intelligent Systems and Applications in Engineering	10	2s		286	290	Article
436	Anitha C.; John E.P.; Kathiresan K.; Krishnakumar N.J.; Karthik V.; Sasidevi J.	Emotion Identification and Detection from Multichannel EEG Signals Using Artificial Neural Network	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				2070	2074	Conference paper
437	Sindhuja R.; Padma S.; Parimalasundar E.; Suresh K.	Comparison between Symmetrical and Asymmetrical 13 Level MLI with Minimal Switches	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings				187	191	Conference paper
438	Dharani N.P.; Bojja P.	Analysis and Prediction of COVID-19 by using Recurrent LSTM Neural Network Model in Machine Learning	2022	International Journal of Advanced Computer Science and Applications	13	5		171	178	Article
439	Naveen Srinivas M.; Vimal K.E.K.; Manikandan N.; Sritharanandh G.	Parametric optimization and multiple regression modelling for fabrication of aluminium alloy thin plate using wire arc additive manufacturing	2022	International Journal on Interactive Design and Manufacturing						Article
440	Praveen A.; Krupakaran R.L.; Lakshmi Narayana Rao G.; Balakrishna B.	An assessment of the TiO2 nanoparticle concentration in the C. inophyllum biodiesel blend on the engine characteristics of a DI diesel engine	2022	International Journal of Ambient Energy	43	1		5464	5477	Article
441	Binoj J.S.; Manikandan N.; Thejasree P.; Palanisamy D.; Sagai Francis Britto A.; Anusha P.; Pavan Kumar S.	Investigations on Wire Electrical Discharge Machining of Magnesium Alloy AZ31B by Taguchi's Approach	2022	Lecture Notes in Mechanical Engineering				923	931	Conference paper
442	Narendra Kumar Rao B.; Partheeban P.; Naseeba B.; Raju H.P.	ML Approaches to Detect Email Spam Anamoly	2022	2022 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2022						Conference paper
443	Kumar N.A.; Shyni G.; Peter G.; Stonier A.A.; Ganji V.	Architecture of Network-on-Chip (NoC) for Secure Data Routing Using 4-H Function of Improved TACIT Security Algorithm	2022	Wireless Communications and Mobile Computing	2022		4737569			Article
444	Kumar N.A.; Nagarajan P.; Mohana Sundari L.; Arockia Dhanraj J.; Kumar T.S.	Analysis of Millimeter-Wave based on Multichannel Wireless Networks-on-Chip	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022				405	409	Conference paper
445	Satya Narayana P.V.; Tarakaramu N.; Harish Babu D.	Influence of chemical reaction on MHD couple stress nanoliquid flow over a bidirectional stretched sheet	2022	International Journal of Ambient Energy	43	1		4928	4938	Article

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446	Venkata Ratna Kumar K.N.; Mahaveerakannan R.; Rao C.M.; Rao P.N.; Rao K.S.	Intrusive Detection of Wormhole Attack Using Cluster - Based Classification Model In MANET	2022	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022				1869	1874	Conference paper
447	Depuru S.; Nandam A.; Ramesh P.A.; Saktivel M.; Amala K.; Sivanantham	Human Emotion Recognition System Using Deep Learning Technique	2022	Journal of Pharmaceutical Negative Results	13	4		1031	1035	Article
448	Malkiya Rasalin Prince R.; Satya Meher R.; Arulkirubakaran D.; Debnath T.; Darwin Immanuel I.; Jayaprakash P.; Christopher Ezhil Singh S.; Jeen Robert R.B.	Comprehensive review on lanthanum based thermal barrier coating materials for high temperature applications	2022	Materials Today: Proceedings	68			1769	1774	Conference paper
449	Sudha K.; Praveena H.D.; Suneetha I.; Hemantha G.R.	A Miniature Circular Polarized Fractal based Antenna for Satellite Applications	2022	Journal of Pharmaceutical Negative Results	13	4		978	984	Article
450	Dhanalakshmi P.; Namratha P.; Ramu G.; Prasad M.R.	CASCADING DEEP LEARNING APPROACH FOR IDENTIFYING FACIAL EXPRESSION YOLO METHOD	2022	ECS Transactions	107	1		16649	16658	Conference paper
451	Johari A.; Khan N.; Prasad T.N.; Mathew D.; Muthu R.; Naidu R.C.	Particle Swarm Optimization Approach for Cost Minimization of Hybrid Renewable Energy Sources	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference paper
452	Parameshwar A.; Bhat R.; Mitra H.; Kumar D.P.; Muthu R.; Naidu R.C.	Design and Optimisation of Hybrid Solar Dryers for Dehydration of Vegetables	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference paper
453	Pawar U.C.; Chavan S.G.; Bhole K.S.; Ramesh R.; Oza A.D.	Optimization of roll forming process for different standard sections of steel structures	2022	International Journal on Interactive Design and Manufacturing						Article
454	Sivakumar C.; Sathyanarayanan D.; Karthikeyan P.; Velliangiri S.	An Improvised Method for Anomaly Detection in social media using Deep Learning	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022				1196	1200	Conference paper
455	Tallapragada V.V.S.; Reddy V.D.; Varma S.K.N.V.; Bharathi D.V.N.	Design and Optimization of Fuzzy-Based FIR Filters for Noise Reduction in ECG Signals Using Neural Network	2022	International Journal of Fuzzy System Applications	11	3	A13			Article
456	Prakash C.; Senthil P.; Manikandan N.; Palanisamy D.	Investigations and regression modeling on mechanical characterization of cast aluminum alloy based (LM 26 + graphite + fly ash) hybrid metal matrix composites	2022	International Journal on Interactive Design and Manufacturing						Article
457	Raju R.; Manikandan N.; Palanisamy D.; Arulkirubakaran D.; Binoj J.S.; Thejasree P.; Ahilan C.	A Review of Challenges and Opportunities in Additive Manufacturing	2022	Lecture Notes in Mechanical Engineering				23	29	Conference paper
458	Ravi Kumar M.; Satya Meher R.; Swarna Kumari A.	Experimental Investigations of Effect of NanoComposites on Performance of VCR System at Variable Capillary Tube Lengths	2022	NanoWorld Journal	8	1		28	35	Review
459	Krishna S.H.; Vijayanand N.; Suneetha A.; Mahabub Basha S.; Sekhar S.C.; Saranya A.	Artificial Intelligence Application for Effective Customer Relationship Management	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				2019	2023	Conference paper
460	Santhi M.V.B.T.; Hrushikesava Raju S.; Adinarayna S.; Lokanadham Naidu V.; Waris S.F.	A Hybrid Framework for Efficient Detection of Fake Currency Notes	2022	Lecture Notes in Networks and Systems	355			213	225	Conference paper
461	Prakash C.; Senthil P.; Manikandan N.; Palanisamy D.	Machinability Investigations of Aluminum Metal Matrix Composites (LM26 + Graphite + Flyash) by Using Wire Electrical Discharge Machining Process	2022	Lecture Notes in Mechanical Engineering				983	991	Conference paper
462	Prabhu S.; Sri M.N.S.; Anusha P.; Saravanan G.; Kannan K.; Manickam S.	Improvement of Mechanical Behavior of FSW Dissimilar Aluminum Alloys by Postweld Heat Treatments	2022	Advances in Materials Science and Engineering	2022		3608984			Article
463	Prakash C.; Senthil P.; Lakshmi Narayana S.; Ravichandran A.	Tribological behaviour of hybrid AMMC sliding against EN 31 steel	2022	Materials Today: Proceedings	68			1750	1756	Conference paper
464	Kundu M.; Teja N.V.; Kumar Chakraborty S.	Investigation of New Protocol: Cyclic Shift in Aggressive Packet Combining Scheme to Combat the Error in Same Bit Location	2022	2022 2nd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2022						Conference paper
465	Janardhan K.; Nayak M.; Venkataramana C.; Maheswara Rao P.; Kumar B.H.	Performance Investigation of Solar Photovoltaic System for Mobile Communication Tower Power Feeding Application	2022	International Journal of Electrical and Electronics Research	10	4		921	925	Article
466	Michael A.; Raja K.; Kaliyan K.; Arul R.	A Novel Secure Data Processing Mechanism in IoT Using Deep Learning with Ontology	2022	Lecture Notes in Networks and Systems	394			419	425	Conference paper

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467	Kumar K.A.; Rajalakshmi R.; Shashikala H.K.; Ganjoo M.; Vats A.; Tyagi R.	Gestational Diabetes Detection Using Machine Learning Algorithm: Research Challenges of Big Data and Data Mining	2022	International Journal of Intelligent Systems and Applications in Engineering	10	2s		260	263	Article
468	Nagarajan P.; Kumar N.A.; Arockia Dhanraj J.; Kumar T.S.; Sundari L M.	Delay Flip Flop based Phase Frequency Detector for Power Efficient Phase Locked Loop Architecture	2022	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022				410	414	Conference paper
469	Patan R.; Kallam S.; Gandomi A.H.; Hanne T.; Ramachandran M.	Gaussian relevance vector MapReduce-based annealed Glowworm optimization for big medical data scheduling	2022	Journal of the Operational Research Society	73	10		2204	2215	Article
470	Kumar P.A.; Kumar G.N.P.; Nandan M.J.	Assessment of Contaminant Migration Using MT3DMS Model	2022	Lecture Notes in Civil Engineering	176			599	608	Conference paper
471	Vijayakumar A.; Alexander Stonier A.; Peter G.; Kumaresan P.; Reyes E.M.	A Modified Seven-Level Inverter with Inverted Sine Wave Carrier for PWM Control	2022	International Transactions on Electrical Energy Systems	2022		7403079			Article
472	Peruthambi V.; Cheepati K.R.; Kumar D.P.; Daram S.B.; Angadi R.A.; Prabha K.S.	Forecasting the Open Pool Energy Market with Facts Devices and Alternative Energy Sources under Contingency Conditions	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				416	421	Conference paper
473	Vijayakumar A.; Stonier A.A.; Peter G.; Loganathan A.K.; Ganji V.	Power quality enhancement in asymmetrical cascaded multilevel inverter using modified carrier level shifted pulse width modulation approach	2022	IET Power Electronics						Article
474	Manikandan S.; Dhanalakshmi P.; Rajeswari K.C.; Delphin Carolina Rani A.	Deep Sentiment Learning for Measuring Similarity Recommendations in Twitter Data	2022	Intelligent Automation and Soft Computing	34	1		183	192	Article
475	Ramani K.; Suneetha I.; Pushpalatha N.; Harish P.; Yugandhar P.	Chronic Disease Prediction through Supervised Learning Techniques	2022	Journal of Pharmaceutical Negative Results	13	4		990	998	Article
476	Siva Subramanian R.; Prabha D.; Maheswari B.; Aswini J.	Customer analysis using machine learning algorithms: A case study using banking consumer dataset	2022	Advances in Parallel Computing	39			689	694	Conference paper
477	Sudhakar T.; Hari Krishnan G.; Prem Kumar J.; Divakaran S.; Janney B.; Mohandass G.; Devanesan P.S.; Shalini S.	Inducement of Artificial Sleep using Low Strength Magnetic Waves	2022	Journal of Physics: Conference Series	2318	1	12028			Conference paper
478	Anil Kumar A.; Bhatt B.R.; Anitha P.; Yadav A.K.; Devi K.K.; Joshi V.C.	A new Diagnosis using a Parkinson's Disease XGBoost and CNN-based classification model Using ML Techniques	2022	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022						Conference paper
479	Challa N.P.; Ranjana R.; Chakravarthi S.S.; Rao N.K.	Virtual Alphabet Recognition using Deep Convolution Neural Networks	2022	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings				1235	1238	Conference paper
480	Nagaprasad N.; Chandralekha D.; Karri V.V.S.R.; Shanmugam R.; Dwarampudi L.P.; Tesfaye J.L.; Krishnaraj R.	Synchronous and Futuristic Views on the Application of Silver Nanoparticles: A Journey towards Green Synthesis	2022	Journal of Nanomaterials	2022		7411352			Article
481	Yogendra Prasad P.; Nagalakshmi G.; Siva Kumar P.	Fake News Detection Using Machine Learning	2022	Journal of Pharmaceutical Negative Results	13	4		1024	1030	Article
482	Jaikumar S.; Bhatti S.K.; Srinivas V.; Satyameher R.; Padal S.B.; Chandravathi D.	Combustion, vibration, and noise characteristics of direct injection VCR diesel engine fuelled with Mesua ferrea oil methyl ester blends	2022	International Journal of Ambient Energy	43	1		1569	1580	Article
483	Saxena R.; Mandal A.; Chattopdhy S.; Oza A.D.; Kumar A.; Ramesh R.	Experimental investigation of electrochemical discharge drilling (ECDM-D) performance characteristics for N-BK7 glass material	2022	International Journal on Interactive Design and Manufacturing						Article
484	Rao N.K.; Challa N.P.; Chakravarthi S.S.; Ranjana R.	Movie Recommendation System using Machine Learning	2022	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings				711	716	Conference paper
485	Venkata Sudhakar C.; Umamaheswara Reddy G.; Usha Rani N.	In situ measurement and management of soil, air, noise and water pollution in and around the Limestone mining area of Yerraguntla, YSR kadapa, Andhra Pradesh, India for the sustainable development	2022	Journal of Applied and Natural Science	14	3		746	761	Article
486	Prabhakar T.; Srujan Raju K.; Reddy Madhavi K.	Support Vector Machine Classification of Remote Sensing Images with the Wavelet-based Statistical Features	2022	Smart Innovation, Systems and Technologies	283			603	613	Conference paper
487	Selvan M.T.G.A.; Binoj J.S.; Moses J.T.E.J.; Sai N.P.; Siengchin S.; Sanjay M.R.; Liu Y.	Extraction and characterization of natural cellulosic fiber from fragrant screw pine prop roots as potential reinforcement for polymer composites	2022	Polymer Composites	43	1		320	329	Article
488	Kale B.S.; Bhole K.S.; Dhongadi H.; Oak S.; Deshmukh P.; Oza A.; Ramesh R.	Effect of polygonal surfaces on development of viscous fingering in lifting plate Hele-Shaw cell	2022	International Journal on Interactive Design and Manufacturing						Article
489	Darwin Immanuel I.; Gangaraju M.; Arulkirubakaran D.; Malkiya Rasalin Prince R.; Debnath T.; Palanisamy D.	Fabrication, mechanical testing, machining of shape memory alloy-A review	2022	Materials Today: Proceedings	68			1718	1723	Conference paper
490	Binoj J.S.; Hassan S.A.; Khan R.A.; Ali A.	Applications of Mobile Information Processor Edge-Over-Edge Molecular Wires with High-Performance Thermoelectric Generators	2022	Journal of Nanomaterials	2022		7104377			Article

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491	Shinde S.M.; Diwan M.; Niranjana R.S.; Vaikole S.; Ramesh R.	Geometric optimization of compressor head fin body for effective heat transfer by finite element method	2022	International Journal on Interactive Design and Manufacturing						Article
492	Musala S.; Vasavi P.D.; Spandana B.; Srinivasulu A.; Ravariu C.	A Novel 2:1 Multiplexer Based Quaternary Full Adder	2022	Proceedings - 2022 IEEE International Symposium on Smart Electronic Systems, iSES 2022				372	377	Conference paper
493	Ravi Kumar D.N.S.; Madhavi K.R.; Praveen N.; Kumar H.H.P.; Srinivas G.; Raju M.V.	Acoustic Feedback Noise Cancellation in Hearing Aids Using Adaptive Filter	2022	International Journal of Integrated Engineering	14	7		45	55	Article
494	Sreenivasa Chakravarthi S.; Jagadeesh Kannan R.; Anantha Natarajan V.; Gao X.-Z.	Deep Learning Based Intrusion Detection in Cloud Services for Resilience Management	2022	Computers, Materials and Continua	71	2		5117	5133	Article
495	Kasambe P.V.; Bhole K.S.; Raykar N.R.; Oza A.D.; Ramesh R.; Bhoir D.V.	Mechanical modeling, numerical investigation and design of cantilever beam for low pull-in MEMS switch	2022	International Journal on Interactive Design and Manufacturing						Article
496	Palanisamy D.; Vishnu Vardhana Naidu B.; Lenin K.; Parthiban A.; Gnanarathinam A.	Machinability investigation on nickel based super alloys using textured inserts	2022	Materials Today: Proceedings	68			1617	1621	Conference paper
497	Shinde S.M.; Lekurwale R.R.; Bhole K.S.; Oza A.D.; Patil A.S.; Ramesh R.	5-axis virtual machine tool centre building in PLM environment	2022	International Journal on Interactive Design and Manufacturing						Article
498	Bhargava R.; Dixit M.; Gupta I.; Prasad T.N.; Muthu R.; Naidu R.C.	A Bio-inspired Meta-heuristic Optimization approach for Economic Load Dispatch	2022	2022 7th International Conference on Environment Friendly Energies and Applications: Renewable and Sustainable Energy Systems, Hybrid Transportation Systems, Energy Transition, and Energy Security, EFEA 2022 - Proceedings						Conference paper
499	Sujatha M.S.; Shashank P.; Ahammad S.; Dharma Teja R.; Vijji K.; Hithesh A.R.	Advanced Protection System for SCADA using Fog Computing	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings				1202	1207	Conference paper
500	Dharani D.L.; Jagadeesan S.; Madhavi N.B.; Senthilkumar N.C.; Kumar M.S.; Prabhu K.	CLASSIFICATION OF NITRATE CHEMICAL CONCENTRATION IN GROUND WATER USING CLOUD BASED ARTIFICIAL INTELLIGENCE	2022	European Chemical Bulletin	11	11		90	97	Article
501	Chinamuttevi V.S.; Prasad K.D.V.; Gowda V.D.; Begum A.Y.; Tanguturi R.C.; Ahmed B.	Implementation of an Early Warning System using Internet of Things and Rainfall Threshold	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				491	496	Conference paper
502	Shinde S.M.; Lekurwale R.R.; Bhole K.S.; Oza A.D.; Patil A.S.; Ramesh R.	On efficient electrode design and manufacturing techniques for hot die steel inserts	2022	International Journal on Interactive Design and Manufacturing						Article
503	Jiji C.; Nagaraj R.; Maikandavel V.	ASALD: adaptive sparse augmented lagrangian deblurring of underwater images with optical priori	2022	Imaging Science Journal	70	8		564	577	Article
504	Sivanantham S.; Krishnamoorthy V.; Karthikeyan D.; Sakthivel M.; Mohanraj V.; Akshaya V.	Web Hazard Identification and Detection Using Deep Learning - A Comparative Study	2022	Journal of Pharmaceutical Negative Results	13	4		1052	1060	Article
505	Arun V.; Kannan R.; Ramesh S.; Vijayakumar M.; Raghavendran P.S.; Siva Ramkumar M.; Anbarasu P.; Sundramurthy V.P.	Review on Li-Ion Battery vs Nickel Metal Hydride Battery in EV	2022	Advances in Materials Science and Engineering	2022		7910072			Review
506	Mamidi Y.; Subba Reddy G.V.; Ramarao D.; Sahoo S.K.; Lokesh B.; Gadamsetty G.; David E.	Evaluation of physicochemical parameters of water samples around proposed Nuclear Power Plant (NPP) in Kovvada, Srikakulam District, Andhra Pradesh, India	2022	Materials Today: Proceedings	62			5690	5699	Conference paper
507	Agarwal H.; Pandya K.A.; Khut D.; Lenka S.; Karthik N.; Yadav V.	A Novel Approach to Tackle and Predict Absenteeism of Students Using Deep Learning and Data Analytics	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings				1376	1380	Conference paper
508	Punitha S.; Selvaraj M.; Kumar N.A.; Nagarajan G.; Kiran C.S.; Karyemsett N.	Development of Hybrid Optimum Model to Determine the Brake Uncertainties	2022	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference						Conference paper
509	Komala C.R.; Vimal S.; Ravindra G.; Hariramakrishnan P.; Razia S.; Geerthik S.; Raja K.; Mohanavel V.; Arappali N.	Deep Learning for an Innovative Photo Energy Model to Estimate the Energy Distribution in Smart Apartments	2022	International Journal of Photoenergy	2022		1048378			Article
510	Nirmala P.; Manimegalai T.; Arunkumar J.R.; Vimala S.; Rajkumar G.V.; Raju R.	A Mechanism for Detecting the Intruder in the Network through a Stacking Dilated CNN Model	2022	Wireless Communications and Mobile Computing	2022		1955009			Article
511	Kumar S.; Kumar N.M.G.; Geetha B.T.; Sangeetha M.; Chakravarthi M.K.; Tripathi V.	Cluster, Cloud, Grid Computing via Network Communication Using Control Communication and Monitoring of Smart Grid	2022	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022				1220	1224	Conference paper
512	Venkatachalam S.; Neeraja P.; Kavitha S.; Rajasekaran B.; Kumar G.S.; Jose B.K.	Future IoT Applications using Artificial Intelligence-based Sensors: Agriculture	2022	4th International Conference on Inventive Research in Computing Applications, ICRCA 2022 - Proceedings				1226	1229	Conference paper
513	Darji R.S.; Joshi G.R.; Hembrom S.; Kumar M.; Shinde S.M.; Ramesh R.	Powder mixed electrical discharge machining of Inconel 718: investigation on material removal rate and surface roughness	2022	International Journal on Interactive Design and Manufacturing						Article

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514	Devi P.K.; Arulanantham D.; Kalaivanan C.; Gomathi N.; Arunkumar J.R.; Ramkumar G.	An Secure and Low Energy Consumption based Intelligent Street Light Managing System using LoRa Network	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				638	645	Conference paper
515	Moorthy C.B.; Sai Thrinath B.V.; Palanivel M.; Pavani K.; Kumar P.; Kumar Jha M.	Smart Grid Using Power Internet of Things Architecture	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				2136	2140	Conference paper
516	Tiwari P.K.; Kannan K.; Veeraiah D.; Ranjan N.; Singh J.; Alshammri G.H.; Halifa A.	Security Protection Mechanism in Cloud Computing Authorization Model Using Machine Learning Techniques	2022	Wireless Communications and Mobile Computing	2022		1907511			Article
517	Lavanya M.; Chandan R.R.; Rajasekar P.; Rham P.R.; Deivakani M.; Mahesh Kumar A.S.	Machine Learning-based Alzheimer's Disease Prediction using Personalized Methods	2022	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings				1278	1283	Conference paper
518	Kapila D.; Dileep Kumar Y.; Pant B.; Jayapratha T.; Kakoli Rao A.; Gehlot A.	Design and analysis of the Chameleon scheduling algorithm for reconfigurable computing	2022	Proceedings of International Conference on Technological Advancements in Computational Sciences, ICTACS 2022				811	816	Conference paper
519	Manikandan P.; Selija K.; Vasugi V.; Prem Kumar V.; Natrayan L.; Helen Santhi M.; Senthil Kumaran G.	An Artificial Neural Network Based Prediction of Mechanical and Durability Characteristics of Sustainable Geopolymer Composite	2022	Advances in Civil Engineering	2022		9343330			Article
520	Prabakar D.; Ganesan R.; Leela Rani D.; Neti P.; Kalyani N.; Mudradi S.K.	Hybrid Deep Learning Model for Copy Move Image Forgery Detection	2022	6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings				1023	1028	Conference paper
521	Anitha C.; Devi K.K.; Jayasutha D.; Mahaveerakannan R.; Kaur C.	Development of Medical Internet of Things with Big Data using RF-BFA and DL in Healthcare System	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings				194	199	Conference paper
522	Sakthivel M.; Kant Gupta S.; Karras D.A.; Khang A.; Kumar Dixit C.; Haralayya B.	Solving Vehicle Routing Problem for Intelligent Systems using Delaunay Triangulation	2022	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022						Conference paper
523	Bharathi M.; Geetha K.; Mani P.K.; Nixon Samuel Vijayakumar G.; Srinivasan K.; Kumar K.R.	AI and IoT-based Electric Vehicle Monitoring System	2022	6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings				722	727	Conference paper
524	Thiagarajan K.; Madhavi G.M.; Porkodi M.; Priya K.; Gadde S.; Priyadharshini R.	Application and Advancement of Sensor Technology in Bioelectronics Nano Engineering	2022	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings				841	845	Conference paper
525	Gondhalekar G.; Ashreeth B.; Thellaputta G.R.; Venkataramireddy D.; Sumithra M.; Karyemsetty N.	A Safety Assessment Model for Automotive Embedded Systems Networks	2022	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference						Conference paper
526	Mani P.K.; Sunagar P.; Madhuri N.S.; Rajah A.J.L.; Ramya D.; Kathir I.	IoT-based Solar Panel Tracking System to Enhance the Output Power	2022	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings				488	493	Conference paper
527	Bright B.M.; Selvi B.J.; Abu Hassan S.; Jaafar M.M.; Suchart S.; Mavinkere Rangappa S.; Kurki Nagaraj B.	Characterization of Natural Cellulosic Fiber from Cocos nucifera Peduncle for Sustainable Biocomposites	2022	Journal of Natural Fibers	19	14		9373	9383	Article
528	Dewangan S.; Selvaraj S.K.; Karthikeyan B.; Adane T.M.; Chattopadhyaya S.; Królczyk G.; Raju R.	Metallographic Investigation on Postweld Heat-Treated 0.21%C-1020 Steel Plates Joined by SMAW Method	2022	Advances in Materials Science and Engineering	2022		9377591			Article
529	Sajin J.B.; Christu Paul R.; Binoj J.S.; Brailson Mansingh B.; Gerald Arul Selvan M.; Goh K.L.; Rimal Isaac R.S.; Senthil Saravanan M.S.	Impact of fiber length on mechanical, morphological and thermal analysis of chemical treated jute fiber polymer composites for sustainable applications	2022	Current Research in Green and Sustainable Chemistry	5		100241			Article
530	Mahendran R.; Tadiboina S.N.; Sai Thrinath B.V.; Gadgil A.; Madem S.; Srivastava Y.	Application of Machine Learning and Internet of Things for Identification of Nutrient Deficiencies in Oil Palm	2022	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022				2024	2028	Conference paper
531	Rani K.S.; Jayadurga R.; Raja V.L.; Kumar M.S.; Venkata Rama Swathi R.S.; Kumar P.	MASS TRANSFER PREDICTION USING ARTIFICIAL NEURAL NETWORK IN AN ALUMINA MATRIX POROUS MEDIA	2022	European Chemical Bulletin	11	11		113	120	Article
532	Vanitha L.; Kavitha R.; Panneerselvam M.; Prathima C.H.; Valantina G.M.	A Novel Deep Learning Method for the Identification and Categorization of Footpath Defects based on Thermography	2022	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings				1401	1408	Conference paper
533	Hassan S.A.; Binoj J.S.; Goh K.L.; Mansingh B.B.; Varaprasad K.C.; Yahya M.Y.; Che Othman F.E.; Ahmed U.; Nurhadiyanto D.; Mujiyono; Wulandari A.P.	Effect of fiber stacking sequence and orientation on quasi-static indentation properties of sustainable hybrid carbon/ramie fiber epoxy composites	2022	Current Research in Green and Sustainable Chemistry	5		100284			Article
534	Kumar V.S.; Sakthivel M.; Karras D.A.; Kant Gupta S.; Parambil Gangadharan S.M.; Haralayya B.	Drone Surveillance in Flood Affected Areas using Firefly Algorithm	2022	IEEE International Conference on Knowledge Engineering and Communication Systems, ICKES 2022						Conference paper
535	Janardhan K.; Parthasarathi P.; Karyemsetty N.; Arunkumar K.; Krishnamoorthy R.; Umapathy K.	Device Free Human Body Fall Detection to Aid Senior Citizen	2022	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings				1158	1162	Conference paper

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536	Reshma G.; Al-Atroschi C.; Nassa V.K.; Geetha B.T.; Sunitha G.; Galety M.G.; Neelakandan S.	Deep learning-based skin lesion diagnosis model using dermoscopic images	2022	Intelligent Automation and Soft Computing	31	1		621	634	Article
537	Anitha C.; Sangtani V.S.; Bansal A.K.; Mahaveerakannan R.; Sharma R.R.; Saravanan M.S.	Hybrid RSA-ROA Scheduling Algorithm for Minimization of Power Loss and Improving the Renewable with Sustainable Energy Harvesting in Power System	2022	<i>Advances in Materials Science and Engineering</i>	2022		8579180			Article
538	Sunitha G.; Pushpalatha M.N.; Parkavi A.; Boyapati P.; Walia R.; Kohar R.; Qureshi K.	Modeling of Chaotic Political Optimizer for Crop Yield Prediction	2022	Intelligent Automation and Soft Computing	34	1		423	437	Article
539	Anil Kumar N.; Vijayalakshmi S.; Baswaraj D.; Selvarajan P.; Chandramohan S.; Tiwari M.	Towards Internet of Things: Integration of Wireless Sensor Network to Cloud Services for Data Collection and Sharing	2022	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings				363	369	Conference paper
540	Pitchai R.; Praveena K.; Murugeswari P.; Kumar A.; Mariam Bee M.K.; Alyami N.M.; Sundaram R.S.; Srinivas B.; Vadda L.; Prince T.	Region Convolutional Neural Network for Brain Tumor Segmentation	2022	Computational Intelligence and Neuroscience	2022		8335255			Article
541	Saravanan L.; Nancy W.; Chandran K.P.; Vijayanandh D.; Arunkumar J.R.; Prabhu R.T.	A Novel Approach for a Smart Early Flood Detection and Awareness System using IoT	2022	8th International Conference on Smart Structures and Systems, ICSSS 2022						Conference paper
542	Sohag M.S.H.; Prabhu S.; Omarov B.; Kazakh A.-F.; Kumar R.S.; Natarajan M.P.; Ramaiah G.B.; Ramarao M.	Impact of Welding Temperature Regime on Hardness of Cr-Mo Steels	2023	International Journal of Vehicle Structures and Systems	15	5		623	630	Article
543	Ragu Nathan S.; Balasubramanian V.; Rao A.G.; Sonar T.; Ivanov M.; Suganeswaran K.	Effect of tool rotational speed on microstructure and mechanical properties of friction stir welded DMR249A high strength low alloy steel butt joints for fabrication of light weight ship building structures	2023	International Journal of Lightweight Materials and Manufacture	6	4		469	482	Article
544	Sangamithra B.; Swamy B.E.M.; Kumar M.S.	Evaluating the effectiveness of RNN and its variants for personalized web search	2023	Optical and Quantum Electronics	55	13	1202			Article
545	Ganesh A.C.; Mohana R.; Loganathan P.; Kumar V.M.; Kirgiz M.S.; Nagaprasad N.; Ramaswamy K.	Development of alkali activated paver blocks for medium traffic conditions using industrial wastes and prediction of compressive strength using random forest algorithm	2023	Scientific Reports	13	1	15152			Article
546	Arun V.; Prabhu S.; Prabakaran N.; Shanthi B.	Modified Structure 9-Level Inverter (MS9LI) With Reduced On-State Switches; [Onduleur à 9 niveaux à structure modifiée (MS9LI) avec réduction de commutateurs à l'état passant]	2023	IEEE Canadian Journal of Electrical and Computer Engineering	46	1		15	23	Article
547	Y.B K.K.; Babu G.S.; Chalapathi U.; Kiran Y.B.; Bhaskar P.U.; Park S.-H.	Growth and characterization of spray-deposited Cu2ZnSnS4 thin films by using two different carrier gases	2023	Physica B: Condensed Matter	670		415366			Article
548	Buragadda V.; Orekanti E.R.; Kompala M.P.; Naresh B.; Sravani E.	Effect of Modified Geotextile Reinforcement on Improvement of Anchor Uplift Capacity: An Experimental Study	2023	Indian Geotechnical Journal	53	6		1441	1453	Article
549	Palei N.N.; Bhuvana M.P.; Jayaraman R.; Dhar A.K.	ANTIMICROBIAL AND IN VITRO CYTOTOXICITY EFFECT OF GREEN SYNTHESIZED SILVER NANOPARTICLES USING AQUEOUS LEAF EXTRACT OF SENNA HIRSUTA	2023	Bulletin of Pharmaceutical Sciences. Assiut	46	2		1185	1195	Article
550	Konda V.C.R.; Kommireddy S.; Anil D.; Murugan R.B.B.; Kumar G.H.; Yadav G.P.; Kousalya M.	Medication Adherence and its Association with Socioeconomic Factors and Quality of Life in Patients with Rheumatoid Arthritis	2023	Indian Journal of Rheumatology	18	4				Article
551	Mageshen V.R.; Reddy Kiran Kalyan V.S.; Manimaran G.	Characterization of chitosan iodate complex and its role on iodine uptake in tomato (<i>Lycopersicon esculentum</i>)	2023	Journal of Tropical Agriculture	61	2		268	274	Article
552	Balaji M.; Padmaja N.	High Speed and Area Efficient RNS Based FIR Filter Design Using Distributed Arithmetic Approach	2023	AIP Conference Proceedings	2901	1	90007			Conference paper
553	Rajangam J.; Palei N.N.; Rao G.S.N.K.; Prakash R.; Varalakshmi S.; Bakrudeen H.B.; Srivastava S.	Nanotherapeutics for diabetic cardiomyopathy using metal nanocomposites	2023	Metal Nanocomposites in Nanotherapeutics for Oxidative Stress-Induced Metabolic Disorders				168	189	Book chapter
554	Manikandan A.; Madhu G.C.; Flora G.D.; Parvez M.M.; Begum M.B.	Hybrid Advisory Weight based dynamic scheduling framework to ensure effective communication using acknowledgement during Encounter strategy in Ad-hoc network	2023	International Journal of Information Technology (Singapore)	15	8		4521	4527	Article
555	Godala S.; Kumar M.S.	A weight optimized deep learning model for cluster based intrusion detection system	2023	Optical and Quantum Electronics	55	14	1224			Article
556	Arunachalam R.; Sunitha G.; Shukla S.K.; pandey S.N.; Urooj S.; Rawat S.	A smart Alzheimer's patient monitoring system with IoT-assisted technology through enhanced deep learning approach	2023	Knowledge and Information Systems	65	12		5561	5599	Article
557	Suma K.G.; Sunitha G.; Galety M.G.	SCRNN: A deep model for colorectal cancer classification from histological images-Implementation using TensorFlow	2023	Machine Learning Algorithms Using Scikit and TensorFlow Environments				276	294	Book chapter
558	Ainapure B.; Baheti N.; Buch J.; Appasani B.; Jha A.V.; Srinivasulu A.	Drinking water potability prediction using machine learning approaches: a case study of Indian rivers	2023	Water Practice and Technology	18	12		3004	3020	Article

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559	Sudhakar P.N.; Vijaya Kishore V.	A power/energy-efficient, process-variation-resilient multiplier using graphene nanoribbon technology and ternary logic	2023	AEU - International Journal of Electronics and Communications	172		154939			Article
560	Avanija J.; Shilpa T.; Rao C.M.; Yamsani N.; Raju K.S.	Hand gesture recognition using a deep learning model	2023	Information and Knowledge Systems				147	159	Book chapter
561	Reddy Madhavi K.; Pranitha K.; Yamsani N.; Ali M.A.; Srujan Raju K.; Prathyusha B.	Image steganography using deep neural networks	2023	Information and Knowledge Systems				91	100	Book chapter
562	Galgali R.G.; Satish B.M.; Girish B.M.; Davanagere M.B.; Girisha L.; Babu E.R.; Reddy N.C.; Selvan C.P.	Evaluation of Mechanical and Wear Assessment of Al-1.2Si-0.75Fe/Mullite MMCs for Industrial Applications	2023	Journal of Mines, Metals and Fuels	71	12		2460	2472	Article
563	Suresh K.; Parimalasundar E.	Fault Analysis and Clearance in FL-APC DC-AC Converter; [Analyse et élimination des défauts dans le convertisseur CC-CA FL-APC]	2023	IEEE Canadian Journal of Electrical and Computer Engineering	46	1				Article
564	Maniteja N.; Sahithi K.; Neelima K.; Meruva K.R.	Design and Evaluation of Low Power CMOS Based Schmitt Trigger Circuits	2023	Russian Microelectronics	52	6		556	564	Article
565	Orekanti E.R.; Bandi V.; Madhav M.R.	Ultimate capacity of granular pile anchors	2023	Innovative Infrastructure Solutions	8	12	317			Article
566	Suvarna T.; Ganga Reddy K.; Mohan V.M.; Lavanya G.; Ramana Reddy M.V.; Vardhani C.P.	Investigation on Sb-doped SnO2 as an efficient sensor for the detection of formaldehyde	2023	Materials Today Communications	37		107438			Article
567	K M.; Nimmagadda P.	Error resilient wireless video transmission via parallel processing using puncturing rule enabled coding and decoding	2023	e-Prime - Advances in Electrical Engineering, Electronics and Energy	6		100324			Article
568	Rani P.S.; Rani K.R.; Daram S.B.; Angadi R.V.	Is It Feasible to Reduce Academic Stress in Net-Zero Energy Buildings? Reaction from ChatGPT	2023	Annals of Biomedical Engineering	51	12		2654	2656	Letter
569	Damodaram A.K.; Reddy L.V.; Babu U.R.; Babu M.M.	Impact of Multiple Entry & Exit System on Future Engineering Education in India – Theoretical Perspectives	2023	Journal of Engineering Education Transformations	37	2		60	71	Article
570	Chalichalamala S.; Govindan N.; Kasarapu R.	Logistic Regression Ensemble Classifier for Intrusion Detection System in Internet of Things	2023	Sensors	23	23	9583			Article
571	Kumar K.A.; Maankar S.; Sahithi K.S.; Sai Reddy P.T.; Raju K.S.	Social media behavior prediction using sentiment analysis	2023	Information and Knowledge Systems				113	127	Book chapter
572	Lekha J.; Sandhya K.; Archana U.; Anilkumar C.; Soman S.J.; Satheesh S.	Secure medical sensor monitoring framework using novel optimal encryption algorithm driven by Internet of Things	2023	Measurement: Sensors	30		100929			Article
573	Rajeswari R.; Sriramakrishnan G.V.; Ch.Vidyadhari; Kanimozhi K.V.	ExpHBA Deep-IoT: Exponential Honey Badger Optimized Deep Learning For Breast Cancer Detection in IoT Healthcare System	2023	Journal of Digital Imaging	36	6		2461	2479	Article
574	Raju H.P.; Vijaya Kumar M.; Partheeban P.	Wastewater Treatment in Constructed Wetlands by Phytoremediation Technique	2023	E3S Web of Conferences	455		3023			Conference paper
575	Nagarajan S.P.; Kavitha T.; Kumar N.A.; Edward A.S.	POWER ENERGY AND POWER AREA PRODUCT SIMULATION ANALYSIS OF MASTER-SLAVE FLIP-FLOP	2023	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	68	4		325	330	Article
576	Banu S.S.; Sujatha M.S.	Secure Communication in Advanced Metering Infrastructure Environment	2023	SSRG International Journal of Electrical and Electronics Engineering	10	12		87	94	Article
577	Shaik D.P.M.D.; Rosaiah P.; Naresh Kumar Reddy P.; Nagamalleswari D.; Ouladsmame M.; Hussain O.M.	Pompom 3D flower like carbon-based Mn3O4 thin film electrodes for high performance supercapacitors	2023	Journal of Alloys and Compounds	968		171797			Article
578	Nagaraju S.; Nagendra R.; Balasundaram S.; Kiran Kumar R.	Biometric key generation and multi round AES crypto system for improved security	2023	Measurement: Sensors	30		100931			Article
579	Osman Y.S.K.; Hemachandu P.; Prabhu S.; Stephen D.S.; Goel N.; Subbiah R.; Yogeshkumar	Implementation of Impedance Type Multimode Tandem Photovoltaic DC Booster Converter for Electric Vehicles	2023	International Journal of Vehicle Structures and Systems	15	4		484	490	Article
580	Basha S.J.; Venkatramana P.	Design of Ternary Logic Circuits Using GNRFT and RRAM	2023	Circuits, Systems, and Signal Processing	42	12		7335	7356	Article
581	Angadi R.V.; Mangai J.A.; Manohar V.J.; Daram S.B.; Rao P.V.	An ensemble based data mining model for contingency analysis of power system under STLO	2023	International Journal of Applied Power Engineering	12	4		349	358	Article
582	Gandikota H.P.; Abirami S.; Kumar M.S.	An Enhanced Approach to Liver Disease Classification: Implementing Convolutional Neural Network with Attention Layer Gated Recurrent Unit	2023	Ingenierie des Systemes d'Information	28	4		1029	1037	Article
583	Senthil Kumar P.	The theory and applications of the software-based PSK method for solving intuitionistic fuzzy solid transportation problems	2023	Perspectives and Considerations on the Evolution of Smart Systems				137	186	Book chapter
584	Natarajan V.P.; Chandra Shekhar S.N.; Kumar R.K.; Swaminathan A.; Harika D.; Mahalakshmi G.	Improved Power Effective Node Combined Heterogeneous Path Protocol for Enhance Network Lifetime Based on Cloud Resource Management in WSN	2023	International Journal of Intelligent Systems and Applications in Engineering	11	11s		235	244	Article
585	Bharathi M.; Mohanaragam K.; M Shirur Y.J.; Choi J.R.	Accelerating DSP Applications on a 16-Bit Processor: Block RAM Integration and Distributed Arithmetic Approach	2023	Electronics (Switzerland)	12	20	4236			Article
586	Krishna S.R.; Cherukuri N.; Kumar Y.D.; Jayakarthish R.; Nagarajan B.; Balaram A.; Jyothi G.D.	Convolutional Neural Networks for Automated Diagnosis of Diabetic Retinopathy in Fundus Images	2023	Journal of Artificial Intelligence and Technology	3	4		205	214	Article
587	Suma K.G.; Aswini J.; Sunitha G.; Balaji K.	AI-driven applications in high-tech agriculture	2023	Handbook of Research on AI-Equipped IoT Applications in High-Tech Agriculture				23	37	Book chapter

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588	Sivasamy S.; Sundaramoorthy P.; Beno M.	A Comprehensive Investigation of Outer Rotor Permanent Magnet Switched Reluctance Motor for Enhanced Performance in Electric Vehicles	2023	IEEE Canadian Journal of Electrical and Computer Engineering	46	4		342	347	Article
589	Goud R.R.; Karhikeyan R.; Alex S.R.; Reddy G.V.S.; Vemanaboina H.	Metallurgical studies of EDD steel in stretching forming operations at various temperatures	2023	AIP Conference Proceedings	2869	1	30010			Conference paper
590	Suresh K.; Parimalasundar E.	Design and implementation of dual-leg generic converter for DC/AC grid integration	2023	International Journal of Circuit Theory and Applications	51	8		3865	3879	Article
591	Reddy V.M.K.; Venkatesh P.; Dharmaprasath R.; Kumar S.S.	An Integrated Economic and Emissions Dispatch Problem using the Sparrow Search Algorithm	2023	SSRG International Journal of Electrical and Electronics Engineering	10	8		206	214	Article
592	Kotapati G.; Selvamani P.K.D.; Lella K.K.; Shaik K.S.; Katevarapu V.R.; Bommagani N.J.	Deep Learning Based Optimization Model for Energy Consumption of New Electric Vehicles	2023	Revue d'Intelligence Artificielle	37	4		825	834	Article
593	Vemanaboin H.; Babu A.R.; Naidu B.V.V.; Goud R.R.	Distortion distribution in CO2 laser beam welds of SS316L to INCONEL625 plates	2023	AIP Conference Proceedings	2869	1	30007			Conference paper
594	Vishalatchi S.; Murugan K.; Nagaraj R.; Gayathri H.N.	Design and Analysis of 2D Photonic Biosensor with ML for Respiratory Virus Detection	2023	Indian Journal of Engineering and Materials Sciences	30	4		614	621	Article
595	Kumar V.S.; Balamurugan R.; Pasupuleti T.; Natarajan M.	Design, Modelling and Simulation of Adaptable Marine and Terrestrial Cleaner	2023	SAE International Journal of Advances and Current Practices in Mobility	6	4		2195	2204	Article
596	Deeba K.; Dasarathan S.; Kandula S.R.; Sheela K.S.; Ramkumar R.; Ashokkumar N.; Karthikeyan D.	Early fire detection technique for human being using deep learning algorithm	2023	Indonesian Journal of Electrical Engineering and Computer Science	31	3		1648	1655	Article
597	Balaji M.; Padmaja N.	Area and Delay Efficient RNS-Based FIR Filter Design Using Fast Adders and Multipliers	2023	SSRG International Journal of Electrical and Electronics Engineering	10	10	IJEEE-V10I10P115	151	164	Article
598	Uma Ravi Sankar A.; Kiran Y.B.; Madhu Mohan V.; Kiran Kumar A.B.V.; Venkata Varalakshmi M.	Green synthesis of cotton flower shaped nickel oxide nanoparticles: Anti-bacterial and tribological studies	2023	Inorganic Chemistry Communications	157		111239			Article
599	Ashok J.; Tallapragada V.V.S.; Padmaja D.L.; Sathish E.; Karthikeyan S.; Kumar J.P.	Modelling and Implementation of Microcontroller System Robotic Devices Through Digital Twins with the Modernization of Complex Systems	2023	SN Computer Science	4	5	497			Article
600	Khalivulla S.I.; Ragalatha R.; Mallikarjuna K.	Putative Molecular Mechanisms of Neuroprotective Cerebrosides and their Docking studies on Acetyl Cholinesterase Enzyme Inhibition for the Treatment of Alzheimer's disease	2023	Current Trends in Biotechnology and Pharmacy	17	4		1425	1437	Article
601	Basha S.J.; Venkatramana P.	High performance quaternary logic designs using GNFETs	2023	e-Prime - Advances in Electrical Engineering, Electronics and Energy	5		100197			Article
602	Reddy N.C.; Girish B.M.; Satish B.M.; Davanagere M.B.; Girisha L.; Babu E.R.; Selvan C.P.	Investigation of Mechanical and Wear Behaviour of Al5056-Carbon Nanotube-Graphene Hybrid MMCs using Powder Metallurgy Route	2023	Journal of Mines, Metals and Fuels	71	11		1906	1918	Article
603	Lakshmi A.J.; Kumar A.; Kumar M.S.; Patel S.I.; Naik S.K.L.; Ramesh J.V.N.	Artificial intelligence in steering the digital transformation of collaborative technical education	2023	Journal of High Technology Management Research	34	2	100467			Article
604	Ramesh P.S.; Vanteru M.K.; Rajinikanth E.; Ramesh J.V.N.; Bhasker B.; Begum A.Y.	Design and Optimization of Feedback Controllers for Motion Control in the Manufacturing System for Digital Twin	2023	SN Computer Science	4	6	782			Article
605	Duraihem F.Z.; Renuka Devi R.L.V.; Prakash P.; Sreelakshmi T.K.; Saleem S.; Durgaprasad P.; Raju C.S.K.; Suresh Kumar Raju S.	Enhanced heat and mass transfer characteristics of multiple slips on hydro-magnetic dissipative Casson fluid over a curved stretching surface	2023	International Journal of Modern Physics B	37	23	2350229			Article
606	Kola L.R.	Peripheral Trio-block Synthesis (PTBS) Methodology to Estimate Intern Solar Energy	2023	International Journal of COMADEM	26	4		15	19	Article
607	Suma K.G.; Sunitha G.; Avanija J.	SegMatic: A Deep Neural Network Learning Model for Semantic Segmentation	2023	SSRG International Journal of Electronics and Communication Engineering	10	10	IJECE-V10I10P104	40	48	Article
608	Devi M.R.; Sivakumar N.; Tarakaramu N.; Narayana P.V.S.	The impact of heat source and thermal radiation on nano-bioconvection containing gyrotactic microorganism flow in parallel channel	2023	AIP Conference Proceedings	2852	1	50010			Conference paper
609	Sonule M.; Gunjal S.D.; Samathoti P.; Badmanaban R.; Bharath Raj K.C.	Development and Evaluation of Emulgel Formulation of Diclofenac Sodium utilizing Lipidium sativum as a Gelling Agent	2023	International Journal of Drug Delivery Technology	13	4		1321	1327	Article
610	Janamla V.; Daram S.B.; Rajesh P.; Kumari C.H.N.	Response of ChatGPT for Humanoid Robots Role in Improving Healthcare and Patient Outcomes	2023	Annals of Biomedical Engineering	51	11		2359	2361	Letter
611	Pachiappan K.; Anitha K.; Pitchai R.; Sangeetha S.; Satyanarayana T.V.V.; Boopathi S.	Intelligent machines, IoT, and AI in revolutionizing agriculture for water processing	2023	Handbook of Research on AI and ML for Intelligent Machines and Systems				374	399	Book chapter
612	Geetha P.; Sudarmani R.; Venkataraman C.; Satyam; Shubha S.	Modeling and Verification of 1D Array Methyl Ammonium Lead Halide Perovskite Solar Cells for Electric Vehicles	2023	SAE Technical Papers						Conference paper
613	Manimaran M.; Dhar M.; Norabuena-Figueroa R.; Mahaveerakannan R.; Saraswathi S.; Selvakumarasamy K.	Implementing Machine Learning-based Autonomic Cyber Defense for IoT-enabled Healthcare Devices	2023	Journal of Artificial Intelligence and Technology	3	4		162	172	Article

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614	Pasupuleti T.; Natarajan M.; Shanmugam L.; Kiruthika J.; Ramesh Naik M.; Kotapati G.	Application of Taguchi Based ANFIS Approach in Wire Electrical Discharge Machining of Inconel 625 for Automobile Applications	2023	SAE International Journal of Advances and Current Practices in Mobility	6	4		2227	2233	Article
615	Cheepati K.R.; Parimalasundar E.; Suresh K.; Rami Reddy C.; Alqahtani M.M.; Khalid M.	Design of Triple Tuned Passive Harmonic Power Filter - A Novel Approach	2023	IEEE Canadian Journal of Electrical and Computer Engineering	46	4		270	277	Article
616	Ambareesh S.; Kantharaju H.C.; Sakthivel M.	A novel Fuzzy TOPSIS based hybrid jarratt butterfly optimization for optimal routing and cluster head selection in WSN	2023	Peer-to-Peer Networking and Applications	16	5		2512	2524	Article
617	Lakshmi P.V.; Musala S.; Srinivasulu A.; Ravariu C.	Design of a 0.4 V, 8.43 ENOB, 5.29 nW, 2 kS/s SAR ADC for Implantable Devices	2023	Electronics (Switzerland)	12	22	4691			Article
618	Muthukaruppasamy S.; Geetha P.; Rajagopal V.; Duraipandy P.	Modeling of Energy Generation Using Piezoelectric Material for Wearable Devices	2023	SSRG International Journal of Electrical and Electronics Engineering	10	9		101	111	Article
619	Prasad V.; Sriramakrishnan G.V.; Diana Jeba Jingle I.	Autism spectrum disorder detection using brain MRI image enabled deep learning with hybrid sewing training optimization	2023	Signal, Image and Video Processing	17	8		4001	4008	Article
620	Gandikota H.P.; Abirami S.; Sunil Kumar M.	CT scan pancreatic cancer segmentation and classification using deep learning and the tunicate swarm algorithm	2023	PLoS ONE	18	11-Nov	e0292785			Article
621	Vijayanand S.; Viji C.; Vijayalakshmi S.; Vennila G.; Shankar B.P.; Rajkumar N.	A Concrete Construction Encryption Mechanism Based Spatio Temporal Analysis for Securing BigData Storage in Cloud	2023	SSRG International Journal of Electronics and Communication Engineering	10	8		68	77	Article
622	Rao K.C.; Lakshmunaidu M.; Nataraj D.; Ujwala G.V.; Chakradhar K.S.	A Circularly Polarized Antenna for UHF Satellite Communication Applications	2023	Journal of Communications	18	10		643	657	Article
623	Bangole N.K.R.; Moulya R.B.; Pranthi R.; Reddy S.; Namratha R.	Game playing (2048) using deep neural networks	2023	The Software Principles of Design for Data Modeling				133	144	Book chapter
624	Kumar P.V.; Sivakumar N.; Shukla P.; Prakash P.; Durgaprasad P.; Krishna C.M.; Raju C.S.K.; Reddy G.V.	Dynamics of Brownian motion and flux conditions on naturally unsteady thermophoretic flow with variable fluid properties	2023	Heat Transfer	52	6		4137	4157	Article
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626	Balaji K.; Nirosha V.; Yallamandaiah S.; Karthik S.; Prasad V.S.; Prathyusha G.	DesU-NetAM: optimized DenseU-Net with attention mechanism for hyperspectral image classification	2023	International Journal of Information Technology (Singapore)	15	7		3761	3777	Article
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629	Mahaveerakannan R; Anitha C.; Aby K Thomas; Rajan S.; Muthukumar T.; Govinda Rajulu G.	An IoT based forest fire detection system using integration of cat swarm with LSTM model	2023	Computer Communications	211			37	45	Article
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631	Vemanaboina H.; Ananda K.E.; Majid M.S.A.; Naidu B.V.V.; Pugazhenthir R.	Influence of pre-heating technique on the titanium alloy for machinability using mill insert	2023	AIP Conference Proceedings	2869	1	30005			Conference paper
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633	Bangole N.K.R.; Ranjana S.	Playing rock-paper-scissors using ai through openCV	2023	The Software Principles of Design for Data Modeling				41	64	Book chapter
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637	Devaraju T.; Pala Prasad Reddy M.; Sujatha D.; Ravikumar R.; Munisankar A.; Senthilkumar V.	Advanced Control Techniques for Power Quality Enhancement in Off-Grid Wind Power Systems	2023	SSRG International Journal of Electrical and Electronics Engineering	10	10		40	53	Article
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640	Janamala V.; Ram I.S.; Daram S.B.	Realization of Green 5G Cellular Network Role in Medical Applications: Use of ChatGPT-AI	2023	Annals of Biomedical Engineering	51	11		2337	2339	Letter

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641	Krishnan G.H.; Thrinath B.V.S.; Karthikeyan G.; Ravi V.; Parimalasundar E.	Switched Capacitor-Based Bidirectional Power Converter with Enhanced Voltage Boost and Reduced Switching Strain for Electric Vehicle Applications	2023	International Journal of Electrical and Electronics Research	11	4		904	908	Article
642	Satav S.D.; Lamani D.; Harsha K.G.; Kumar N.M.G.; Manikandan S.; Sampath B.	Energy and battery management in the era of cloud computing: Sustainable wireless systems and networks	2023	Sustainable Science and Intelligent Technologies for Societal Development				141	166	Book chapter
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645	Parimalasundar E.; Muthukaruppasamy S.; Dharmaprakash R.; Suresh K.	Performance investigations of five-level reduced switches count H-bridge multilevel inverter	2023	Electrical Engineering and Electromechanics	2023	6		58	62	Article
646	Baneş V.; Ravariu C.; Appasani B.; Srinivasulu A.	A Novel Two-Factor Authentication Scheme for Increased Security in Accessing the Moodle E-Learning Platform	2023	Applied Sciences (Switzerland)	13	17	9675			Article
647	Devaraju T.; Vijayakumar Y.N.; Pala Prasad Reddy M.; Kosaleswara Reddy T.	Dynamic Voltage Control in Multilevel Inverters with TAR PWM for Non-Uniform DC Inputs	2023	SSRG International Journal of Electrical and Electronics Engineering	10	10		207	217	Article
648	Gurav Y.; Prashanth S.K.; Shaikh A.A.; Ravichand M.; Samarthrao K.V.; Biradar V.	Experimental Hybrid Technique for Enhancing the Quality of Personalized Product Recommendation System using Deep Learning	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4		376	386	Article
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650	Ganesh A.C.; Raju H.P.; Prasad J.R.; Mukilan K.	Effect of granite waste in slag-based geopolymer activated by RHA derivative	2023	Innovative Infrastructure Solutions	8	10	269			Article
651	Seerangan R.N.; Shubha S.; Vadivel M.; Kumar S.P.; Bhujang Mutt S.	Thermomechanical Study on Induction Preheating in Friction Stir Welding of Structural Steel Using COMSOL Software for Automotive Applications	2023	SAE Technical Papers						Conference paper
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653	Vijayalakshmi N.; Roopa Y.M.; Ashreetha B.; Ramesh J.V.N.; Rao E.G.; Sundararajan P.N.	Development of Digital Twin with External Data Resources in Manufacturing with Complex Algorithms	2023	SN Computer Science	4	5	611			Article
654	Anitha C.; Rajesh Kumar T.; Balamanigandan R.; Mahaveerakannan R.	Fault Diagnosis of Tennessee Eastman Process with Detection Quality Using IMVOA with Hybrid DL Technique in IIOT	2023	SN Computer Science	4	5	458			Article
655	Ashok J.; Kumar N.A.; Raj D.W.P.; Bhushan A.V.; Edem S.	Design and Implementation of Smart Manufacturing Systems Through AR for Data-Driven Digital Twin System	2023	SN Computer Science	4	5	580			Article
656	Das P.; Vetrithangam D.; Krishnan G.H.; Kumar A.; Reddy R.V.K.	Deep learning techniques revolutionizing biomedical applications: Arrhythmia detection, cardiac sensed signals, and cell-free synthetic biology	2023	Applications of Synthetic Biology in Health, Energy, and Environment				68	91	Book chapter
657	Prayagi S.; Mareddy P.L.; Katta L.N.; Narapureddy S.R.	Optimum Scheduling of a Multi-Machine Flexible Manufacturing System Considering Job and Tool Transfer Times without Tool Delay	2023	Mathematics	11	19	4190			Article
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661	Stateczny A.; Praveena H.D.; Krishnappa R.H.; Chythanya K.R.; Babysarojam B.B.	Optimized Deep Learning Model for Flood Detection Using Satellite Images	2023	Remote Sensing	15	20	5037			Article
662	Geetha P.; Sudarmani R.; Venkataraman C.; Satyam; Shubha S.	Finite Element Analysis of Graphene Based Solar Photonic Battery for Electric Vehicle	2023	SAE Technical Papers						Conference paper
663	Jayaraman J.; Rani D.L.; Selvarani A.; Aljanabi M.; Gopianand M.; Saravanapandian M.	An Adaptive Deep Feature Neural Classification Algorithm for Efficient Cardiac Disease Early Risk Identification	2023	Journal of Advanced Research in Applied Sciences and Engineering Technology	32	1		18	31	Article
664	Suresh K.; Parimalasundar E.	Newly designed single-stage dual leg DC-DC/AC buck-boost converter for grid connected solar system	2023	International Journal of Circuit Theory and Applications	51	11		5452	5469	Article
665	Rafee S.M.; Prasad M.; Sunil Kumar M.; Easwaran B.	AI technologies, tools, and industrial use cases	2023	Toward Artificial General Intelligence: Deep Learning, Neural Networks, Generative AI				21	51	Book chapter

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667	Krupakaran R.L.; Petla R.K.; Anchupogu P.; Gangula V.R.; Ganipineni J.R.; Doddipalli R.R.	Experimental Investigations on NOx Reduction Using Antioxidant Additives in Conjunction with SCR in a Diesel Engine Powered by Ricinus Communis Biodiesel	2023	SAE Technical Papers						Conference paper
668	Kumar B.A.; Jyothi B.; Rathore R.S.; Singh A.R.; Kumar B.H.; Bajaj M.	A novel framework for enhancing the power quality of electrical vehicle battery charging based on a modified Ferdowsi Converter	2023	Energy Reports	10			2394	2416	Article
669	V V.K.; Kalpana V.; Kumar G.H.	Evaluating the efficacy of deep learning models for knee osteoarthritis prediction based on Kellgren-Lawrence grading system	2023	e-Prime - Advances in Electrical Engineering, Electronics and Energy	5		100266			Article
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672	Rudra Kumar M.; Anitha P.; Ashwitha A.; Reddy P.V.; Gadiyar H.M.T.	Automated Cotton Leaf Identification Using Feature Selection Techniques	2023	International Journal of Intelligent Systems and Applications in Engineering	11	11s		410	415	Article
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674	Varishetty M.M.; Kenji M.; Tarannum N.; Damaraju S.R.; Jonnalagadda M.	A novel poly(acrylonitrile)/poly(ethylene glycol)-based polymer gel electrolyte for high efficiency dye sensitized solar cells	2023	Energy Advances	2	10		1702	1712	Article
675	Bangole N.K.R.; Chanakya G.M.; Pasupuleti R.	A conceptual framework for addressing the information of farmers: A study on digital agriculture	2023	Handbook of Research on AI-Equipped IoT Applications in High-Tech Agriculture				379	388	Book chapter
676	Kumar B.H.; Janardhan K.; Chandrika V.S.; Sekhar G.G.R.; Kadam D.P.; Kumar D.	A Five Level SC Inverter with Reduced Switch Count and Self Balancing Capability	2023	El-Cezeri Journal of Science and Engineering	10	3		517	525	Article
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681	Raghavendra G.; Chaturvedi A.; Chavan A.S.; Singh P.; Farook S.; Reddy C.K.; Shrivastava A.	Intelligent Driverless Delivery Solutions Using Recent Ai Technology	2023	International Journal of Intelligent Systems and Applications in Engineering	11	9s		217	224	Article
682	Nagarajan A.K.; Thandapani K.; Neelima K.; Bharathi M.; Srinivasan D.; Selvaperumal S.K.	Vlsi implementation of neural systems	2023	Neuromorphic Computing Systems for Industry 4.0				94	116	Book chapter
683	Ganesan D.; Salunkhe S.; Panghal D.; Murali A.P.; Mahalingam S.; Tarigonda H.; Gawade S.R.; Hussein H.M.A.-M.	Optimization of Abrasive Water Jet Machining Process Parameters on Onyx Composite Followed by Additive Manufacturing	2023	Processes	11	8	2263			Article
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685	Suganeswaran K.; Ragu Nathan S.; Parameshwaran R.; Nithyavathy N.; Dhineshbabu N.R.	Characterization of AA7075 Surface Composites with Ex Situ Al2O3/SiC Reinforcements Tailored Using Friction Stir Processing	2023	Journal of Materials Engineering and Performance	32	8		3617	3632	Article
686	Jana S.; Thilagavathy S.D.; Shenbagavalli S.T.; Srividhya G.; Gowtham Prasad T.V.S.; Hemavathy R.	Plant Leaf Disease Prediction Using Deep Dense Net Slice Fragmentation and Segmentation Feature Selection Using Convolution Neural Network	2023	International Journal of Intelligent Systems and Applications in Engineering	11	6s		76	85	Article
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689	Ramu K.; Krishnamoorthy R.; Salim A.; Sarfaraz M.; Saibaba C.M.H.; Praveena K.	Modern Diagnostic Imaging Classifications and Risk Factors for 6G-enabled Smart Health Systems	2023	Radioelectronics and Communications Systems	66	5		241	250	Article

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691	Tallapragada V.V.S.; Manga N.A.; Kumar G.V.P.	A novel COVID diagnosis and feature extraction based on discrete wavelet model and classification using X-ray and CT images	2023	Multimedia Tools and Applications	82	17		26183	26224	Article
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694	Hima Bindu G.B.; Ramani K.; Hemantha G.R.; Pushpalatha N.; Suneetha I.; Harish P.; Manju A.B.	An Optimized Resource Allocation Model for Cloud Computing Using Ant Colony-based Auction Method	2023	International Journal of Intelligent Systems and Applications in Engineering	11	3		818	824	Article
695	Sunitha G.; Sriharsha A.V.; Yalgashev O.; Mamatov I.	Interactive visualization with plotly express	2023	Advanced Applications of Python Data Structures and Algorithms				182	206	Book chapter
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698	Addepalli T.; Vidyavathi T.; Neelima K.; Sharma M.; Kumar D.	Asymmetrical fed Calendula flower-shaped four-port 5G-NR band (n77, n78, and n79) MIMO antenna with high diversity performance	2023	International Journal of Microwave and Wireless Technologies	15	4		683	697	Article
699	Rao B.R.; Chakradhar K.S.; Nataraj D.	Design, optimization and experimental verification of UWB-MIMO antenna with WLAN and complete X-band notched characteristics, checked with characteristic mode analysis (CMA)	2023	Analog Integrated Circuits and Signal Processing	115	1		139	158	Article
700	Lal B.; Ravichandran S.; Kavin R.; Anil Kumar N.; Bordoloi D.; Ganesh Kumar R.	IOT-BASED cyber security identification model through machine learning technique	2023	Measurement: Sensors	27		100791			Article
701	Adimulapu A.K.; Devhare L.D.; Patil A.; Chachda N.O.; Dharmamoorthy G.	Design and Development of Novel Mini Tablet Cap Technology for the Treatment of Cardiovascular Diseases	2023	International Journal of Drug Delivery Technology	13	3		801	806	Article
702	Kishore Veparala V.; Kalpana V.	Big Data and Different Subspace Clustering Approaches: From social media promotion to genome mapping; [Big Data y diferentes enfoques de clustering subespacial: De la promoción en redes sociales al mapeo genómico]	2023	Salud, Ciencia y Tecnologia	3		413			Review
703	Venkata Sudhakar C.; Umamaheswara Reddy G.	Impacts of cement industry air pollutants on the environment and satellite data applications for air quality monitoring and management	2023	Environmental Monitoring and Assessment	195	7	840			Review
704	Krishnan S.; Pandi P.; Mopidevi S.	TPTPC and BHC integrated grid connected energy storage system for power loss reduction	2023	Circuit World	49	3		328	334	Article
705	Prabu R.T.; Sahoo S.; Valarmathi K.; Raj A.G.S.; Ranjan P.; Kumar A.; Laref A.	CsPbI3 perovskite solar cell and decoding its skink feature in J-V curve	2023	Materials Science in Semiconductor Processing	162		107539			Article
706	Sonwal S.; Shukla S.; Alhammadi M.; Umapathi R.; Sudhani H.P.K.; Cho Y.; Huh Y.S.	Colorimetric sensing of calcium carbide over banana peels using 5,5'-dithiobis-(2-nitrobenzoic acid) (DTNB) as a rapid chemoreceptor: a point of care tool for food fraud analysis	2023	Materials Advances	4	19		4390	4399	Article
707	Sujatha M.S.; Sreelakshmi S.; Parimalasundar E.; Suresh K.	Mitigation of harmonics for five level multilevel inverter with fuzzy logic controller	2023	Electrical Engineering and Electromechanics	2023	4		52	56	Article
708	Balamurugan K.S.; Siddamsetti S.; Kumar N.A.; Walke S.; Deshpande A.; Lakshmi T.R.V.	Designing Novel Routing Algorithms for Wireless Mobile Ad-Hoc Networks to Improve Their Enactment	2023	International Journal of Intelligent Systems and Applications in Engineering	11	8		526	535	Article
709	Rejab N.A.; Akindoyo J.O.; Atay H.Y.; Binoj J.S.; Jaafar M.	Flexural and flame retardance properties of multi-walled carbon nanotubes/glass fibre/epoxy hybrid composites	2023	Construction and Building Materials	387		131677			Article
710	Kusuma T.; Kumar J.P.S.	Predicting NAVs of mutual funds using the ARIMA model	2023	AIP Conference Proceedings	2875	1	20012			Conference paper
711	Kalyani G.; Sai Sudheer K.; Janakiramaiah B.; Narendra Kumar Rao B.	Hyperparameter Optimization for Transfer Learning-based Disease Detection in Cassava Plants	2023	Journal of Scientific and Industrial Research	82	5		536	545	Article
712	Prabhu S.; Vijayakumar A.; Stonier A.A.; Peter G.; Dorji S.; Ganji V.	Analysis of isolated phase windings and permanent magnet assists high energy efficient hybrid-reluctance motor for electric vehicle	2023	IET Electrical Systems in Transportation	13	2	e12081			Article
713	Putta P.; Nageswara Rao G.V.S.	Influence of thermo-mechanical treatment in austenitic and ferritic field condition on microstructural and mechanical properties of reduced activation ferritic-martensitic steel	2023	International Journal of Materials Research	114	04-May		258	266	Article

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714	Reddy Madhavi K.; Mohd Nawi M.N.; Bhaskar Reddy B.; Baboji K.; Hari Kishore K.; Manikanthan S.V.	Energy efficient target tracking in wireless sensor network using PF-SVM (particle filter-support vector machine) technique	2023	Measurement: Sensors	26		100667			Article
715	Kumar N.M.G.; Ahmad A.; Dankan Gowda V.; Lokesh S.; Kadam K.R.R.	An enhanced method for running embedded applications in a power-efficient manner	2023	Energy Systems Design for Low-Power Computing				257	277	Book chapter
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719	Avanija J.; Kumar K.E.N.; Kumari C.U.; Jyothi G.N.; Raju K.S.; Madhavi K.R.	Enhancing Network Forensic and Deep Learning Mechanism for Internet of Things Networks	2023	Journal of Scientific and Industrial Research	82	5		522	528	Article
720	Philip J.; Gandhimathi S.K.; Chalichalamala S.; Karnam B.; Chandanapalli S.B.; Chennupalli S.	Smart Health Monitoring Using Deep Learning and Artificial Intelligence	2023	Revue d'Intelligence Artificielle	37	2		451	464	Article
721	Senthil Kumar P.	The PSK method: A new and efficient approach to solving fuzzy transportation problems	2023	Transport and Logistics Planning and Optimization				149	197	Book chapter
722	Margarat G.S.; Siva Kumar C.; Rajan S.; Raj Mohan B.	Forecasting Wind Energy Production Using Machine Learning Techniques	2023	E3S Web of Conferences	387		1007			Conference paper
723	Mukilan K.; Ganesh A.C.; Deepak N.; Ajay V.S.; Pandi G.V.; Rajalingam S.; Priyan K.S.	Effect of molarity over the slag based geopolymer brick under ambient curing	2023	AIP Conference Proceedings	2521		20003			Conference paper
724	Swamy K.A.; Alex Z.C.	Efficient low delay reconfigurable filter bank using parallel structure for hearing aid applications with IoT	2023	Personal and Ubiquitous Computing	27	3		1381	1394	Article
725	Balaji K.; Sai Kiran P.; Sunil Kumar M.	Power aware virtual machine placement in IaaS cloud using discrete firefly algorithm	2023	Applied Nanoscience (Switzerland)	13	3		2003	2011	Article
726	Patel S.; Hasan H.; Umriliya D.; Sanapalli B.K.R.; Yele V.	Marine drugs as putative inhibitors against non-structural proteins of SARS-CoV-2: an in silico study	2023	Journal of Molecular Modeling	29	6	176			Article
727	M S.; S S.; V P.B.; P H.P.; GNR P.; M T.	Automated detection of cardiac arrest in human beings using auto encoders	2023	Measurement: Sensors	27		100792			Article
728	Shanthi T.; Sheela M.S.; Jayakanth J.J.; Karpagam M.; Srividhya G.; Gowtham Prasad T.V.S.	A Novel approach Secure Routing in Wireless Sensor Networks for Safe Path Establishment of Private IoT Data Transmission	2023	International Journal of Intelligent Systems and Applications in Engineering	11	9s		455	460	Article
729	Anantha Krishna N.; Mohana Reddy Y.V.; Chandra Mohan Reddy B.	From synthesis to bioactivity: A comprehensive study of Cu-based biocidal tool	2023	Indian Journal of Traditional Knowledge	22	2		322	329	Article
730	Sunitha G.; Abouali A.; Galety M.G.; Sriharsha A.V.	Dynamic programming with python	2023	Advanced Applications of Python Data Structures and Algorithms				102	122	Book chapter
731	Bandi R.; Babu Mallela S.; Sreedharamalle S.; Putta D.	The flow of non-Newtonian fluid in an inclined channel through variable permeability	2023	Heat Transfer	52	4		3058	3073	Article
732	Tallapragada V.V.S.; Venkatanaresh M.; Gireesh N.; Naresh M.	Optimization of multi-objective emperor penguin handovers over dissimilar networks	2023	Innovative Smart Materials Used in Wireless Communication Technology				245	264	Book chapter
733	Vobulapuram R.K.; Shaik J.B.; Venkatramana P.; Mekala D.P.; Lingayath U.	Design of bilayer graphene nanoribbon tunnel field effect transistor	2023	Circuit World	49	2		174	179	Article
734	Itagi M.; Gowda V D.; Prasad K.D.V.; Kumar P.S.V.V.S.R.; Shekhar R.; Ashreetha B.	Performance Analysis of Energy Efficiency and Security Solutions of Internet of Things Protocols	2023	International Journal of Electrical and Electronics Research	11	2		442	450	Article
735	Reddy V.S.K.; Saravanan T.; Velusudha N.T.; Selwyn T.S.	Smart Grid Management System Based on Machine Learning Algorithms for Efficient Energy Distribution	2023	E3S Web of Conferences	387		2005			Conference paper
736	Nagabhooshanam N.; ganapathy N.B.S.; Ravindra Murthy C.; Mohammed Saleh A.A.; CosioBorda R.F.	Neural network based single index evaluation for SQL injection attack detection in health care data	2023	Measurement: Sensors	27		100779			Article
737	Gokul Pran S.; Raja S.	An efficient feature selection and classification approach for an intrusion detection system using Optimal Neural Network	2023	Journal of Intelligent and Fuzzy Systems	44	5		8561	8571	Article
738	Vanteru M.K.; Jayabalaji K.A.; P S.G.; Ilango P.; Nautiyal B.; Yasmine Begum A.	Multi-Sensor Based healthcare monitoring system by LoWPAN-based architecture	2023	Measurement: Sensors	28		100826			Article
739	Moorthy T.V.K.; Bachu S.; Ramesh G.; Reddy D.R.; Krishn S.V.; Dharani M.	5G Enabled Moving Robot Captured Image Encryption with Principal Component Analysis Method	2023	International Journal on Recent and Innovation Trends in Computing and Communication	11	8		252	258	Article
740	Loganathan P.; Prasad Raju H.; Margret A.L.; Ragavan V.; Ganesh A.C.	Extraction of Heavy Metals from Soil Affected by Landfill Leachate through Constructed Wetlands: A Phytoremediation Approach to Rejuvenating the Contaminated Environment	2023	E3S Web of Conferences	405		1001			Conference paper
741	Gnanaprakasam C.; Vankara J.; Sastry A.S.; Prajval V.; Gireesh N.; Boopathi S.	Long-range and low-power automated soil irrigation system using internet of things: An experimental study	2023	Contemporary Developments in Agricultural Cyber-Physical Systems				87	104	Book chapter

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742	Tharehallimata G.; Narasimhamu K.L.	Geometric optimisation of double ended magnetorheological fluid damper	2023	International Journal on Interactive Design and Manufacturing	17	3		1339	1349	Article
743	Arun V.; Sundaramoorthy P.; Nageswara Prasad T.; Ashokkumar N.	Asymmetrical Single Phase Reduced Switch Nine Level Inverter with Trinary Sequence DC Input for PV based Renewable Energy Systems	2023	Journal of Solar Energy Research	8	3		1599	1608	Article
744	Nathan S.R.; Suganeswaran K.; Kumar S.; Thangavel P.; Gobinath V.K.	Investigations on microstructure, thermo-mechanical and tribological behavior of graphene oxide reinforced AA7075 surface composites developed via friction stir processing	2023	Journal of Manufacturing Processes	90			139	150	Article
745	Pydala B.; Kumar T.P.; Baseer K.K.	SMART_EYE: A NAVIGATION AND OBSTACLE DETECTION FOR VISUALLY IMPAIRED PEOPLE THROUGH SMART APP	2023	Journal of Applied Engineering and Technological Science	4	2		992	1011	Article
746	Chakravarthi S.S.; Rao B.N.K.; Challa N.P.; Ranjana R.; Rai A.	Gesture Recognition for Enhancing Human Computer Interaction	2023	Journal of Scientific and Industrial Research	82	4		438	443	Article
747	Kavitha T.; Satish Kumar M.; Srihari G.; Umasankar L.; Babu N.V.	Scaled and nonlinear multi-objective model for Downlink and Uplink exposure in massive MIMO	2023	Physical Communication	57		102004			Article
748	Kaki S.; Sukhvinder B.; Sagari J.K.; Meher S.	Prediction of vibration and noise parameters of VCR CI engine fuelled with dispersant ZnO nanoparticle blended Baheda oil using RSM	2023	AIP Conference Proceedings	2745	1	30011			Conference paper
749	Sreelakshmi S.; Sujatha M.S.; Rahul J.R.; Sutikno T.	Reduced switched seven level multilevel inverter by modified carrier for high voltage industrial applications	2023	International Journal of Power Electronics and Drive Systems	14	2		872	881	Article
750	Kumar Rao B.N.	A wellness mobile application for smart health	2023	Designing and Developing Innovative Mobile Applications				21	37	Book chapter
751	Kumar B.H.; Prabhu S.; Janardhan K.; Arun V.; Vivekanandan S.	A Switched Capacitor-Based Multilevel Boost Inverter for Photovoltaic Applications	2023	Journal of Circuits, Systems and Computers	32	4	2350057			Article
752	Javvaji H.; Kadam D.P.; Kishore Y.K.; Sarada K.; Reddy M.R.; Reddy M.L.	Design and Performance Assessment of a Multilevel Inverter for Improved Standalone PV System Operation	2023	SSRG International Journal of Electrical and Electronics Engineering	10	8		67	78	Article
753	Eswareiah S.; Seo K.-H.; Kumar K.N.; Koval A.V.; Ratnam M.V.; Mengist C.K.; Chalapathi G.V.; Liu H.; Kwak Y.-S.; Merzlyakov E.; Jacobi C.; Kim Y.-H.; Rao S.V.B.; Mitchell N.J.	Intriguing Aspects of Polar-to-Tropical Mesospheric Teleconnections during the 2018 SSW: A Meteor Radar Network Study	2023	Atmosphere	14	8	1302			Article
754	Zekrifa D.M.S.; Sharma A.; Satyam; Patankar A.J.; Bamane K.D.	Data Analyzing with Cloud Computing Including Related Tools and Techniques	2023	International Journal of Intelligent Systems and Applications in Engineering	11	9s		233	238	Article
755	Yele V.; Sanapalli B.K.	Therapeutic modalities of human β defensin-2 with prospective significance in diabetic wound treatment	2023	Wound management & prevention	69	2		39	45	Review
756	Surya Sekhar Reddy M.; Sai Vandana C.; Kishore Kumar Y.B.	Room Temperature Ferromagnetism and Enhanced Band Gap Values in N Co-doped Cr: CdS Nanoparticles for Spintronic Applications	2023	Journal of Superconductivity and Novel Magnetism	36	4		1243	1248	Article
757	Hema N.; Krishnamoorthy N.; Chavan S.M.; Kumar N.M.G.; Sabarimuthu M.; Boopathi S.	A study on an Internet of Things (IoT)-enabled smart solar grid system	2023	Handbook of Research on Deep Learning Techniques for Cloud-Based Industrial IoT				290	308	Book chapter
758	Ezhilvannan P.; Krishnan S.; Kumar B.H.; Janardhan K.; Ramachandran S.	Analysis of the Effectiveness of a Two-Stage Three-Phase Grid-Connected Inverter for Photovoltaic Applications	2023	Journal of Solar Energy Research	8	2		1471	1483	Article
759	Kumar S.S.; Mahesha K.; Sachidananda K.B.; Dey A.	Temperature-Dependent Wear Behavior of Air Plasma Sprayed Alumina and Alumina–Titania Composite Coatings	2023	Journal of The Institution of Engineers (India): Series D	104	1		351	357	Article
760	Kandasamy S.; Sarathkumar T.; Narasimhulu K.; Kumar C.L.M.	Influence of permeable formwork on the performance of polypropylene fibre reinforced concrete	2023	Journal of Building Pathology and Rehabilitation	8	1	34			Article
761	Reddappa B.; Babu M.S.; Sreenadh S.	Magnetohydrodynamic (MHD) Jeffrey Nanofluid Flow over an Exponentially Stretching Sheet through a Porous Medium	2023	AIP Conference Proceedings	2649		30003			Conference paper
762	Sanka S.; Sujatha M.S.; Rahul J.R.	Improved Seven-Level Multilevel DC-Link Inverter with Novel Carrier PWM Technique	2023	Journal of Circuits, Systems and Computers	32	6	2350108			Article
763	Parimalasundar E.; Jayanthi R.; Suresh K.; Sindhuja R.	Investigation of efficient multilevel inverter for photovoltaic energy system and electric vehicle applications	2023	Electrical Engineering and Electromechanics	2023	4		47	51	Article
764	Sivaji U.; Sateesh Kumar Reddy C.; Dhanya D.; Manasa C.M.; Chitteti C.	Unveiling Deceptive Patterns: AI-Driven Fraud Detection in Healthcare Finance	2023	International Journal of Intelligent Systems and Applications in Engineering	11	9s		782	789	Article
765	Josephinshermila P.; Sharon priya S.; Malarvizhi K.; hegde R.; Gokul Pran S.; Veerasamy B.	Accident detection using automotive smart black- box based	2023	Measurement: Sensors	27		100721			Article
766	Koppala N.; Ashok Kumar N.; Satyam; Teja N.V.	Proficient matrix codes for error detection and correctionin 8 port network on chip routers	2023	Indonesian Journal of Electrical Engineering and Computer Science	29	3		1336	1344	Article
767	Ramesh P.S.; Srivani P.; Mahdal M.; Sivaranjani L.; Abidin S.; Kagi S.; Elangovan M.	Contextual Cluster-Based Glow-Worm Swarm Optimization (GSO) Coupled Wireless Sensor Networks for Smart Cities	2023	Sensors	23	14	6639			Article

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768	Kumar J.P.; Muppagowni G.K.; Kumar J.P.; Malla S.J.; Chandanapalli S.B.; Sandhya E.	Selection of Features Using Adaptive Tunicate Swarm Algorithm with Optimized Deep Learning Model for Thyroid Disease Classification	2023	Ingenierie des Systemes d'Information	28	2		299	308	Article
769	Chawla A.; Devhare L.; Dharmamoorthy G.; Ritika; Tyagi S.	Synthesis and In-vivo Anticancer Evaluation of N-(4-oxo-2-(4-((5-aryl-1,3,4 thiadiazole-2yl) amino) Phenyl thiazolidine-3-yl) Benzamide derivative	2023	International Journal of Pharmaceutical Quality Assurance	14	3		470	474	Article
770	Hoang A.T.; Balasubramanian D.; Venugopal I.P.; Rajendran V.; Nguyen D.T.; Lawrence K.R.; Nguyen X.P.; Kalam M.A.	A feasible and promising approach for diesel engine fuelled with a blend of biodiesel and low-viscosity Cinnamon oil: A comprehensive analysis of performance, combustion, and exergy	2023	Journal of Cleaner Production	401		136682			Article
771	Srinivasan G.; Mahesh Kumar Reddy V.; Venkatesh P.; Parimalasundar E.	Reactive power optimization in distribution systems considering load levels for economic benefit maximization	2023	Electrical Engineering and Electromechanics	2023	3		83	89	Article
772	Maithili K.; Madhavi Latha Y.; Gangopadhyay A.; Varghese I.K.; Sundaram A.; Pandey C.; Kiran A.	Optimized CNN Model for Diabetic Retinopathy Detection and Classification	2023	International Journal of Intelligent Systems and Applications in Engineering	11	7s		317	331	Article
773	Shaik K.S.; Thumboor N.S.K.; Veluru S.P.; Bommagani N.J.; Sudarsa D.; Muppagowni G.K.	Enhanced SVM Model with Orthogonal Learning Chaotic Grey Wolf Optimization for Cybersecurity Intrusion Detection in Agriculture 4.0	2023	International Journal of Safety and Security Engineering	13	3		509	517	Article
774	Natarajan M.; Pasupuleti T.; Giri J.; Sunheriya N.; Katta L.N.; Chadge R.; Mahatme C.; Giri P.; Mallik S.; Ray K.	Machinability of Titanium Grade 5 Alloy for Wire Electrical Discharge Machining Using a Hybrid Learning Algorithm	2023	Information (Switzerland)	14	8	439			Article
775	Natarajan M.; Pasupuleti T.; Abdullah M.M.S.; Mohammad F.; Giri J.; Chadge R.; Sunheriya N.; Mahatme C.; Giri P.; Soleiman A.A.	Assessment of Machining of Hastelloy Using WEDM by a Multi-Objective Approach	2023	Sustainability (Switzerland)	15	13	10105			Article
776	Sai Thrinath B.V.; Venkata Ramana C.; Meghya Nayak B.; Yashashwini B.; Kumar N.M.G.; Ezhilvannan P.	An Uninterrupted Fuzzy-Based PV-BES System for Improving Power Quality in Grid-Connected Systems	2023	Journal of Solar Energy Research	8	3		1622	1634	Article
777	Sultanuddin S.J.; Vibin R.; Rajesh Kumar A.; Behera N.R.; Pasha M.J.; Baseer K.K.	Development of improved reinforcement learning smart charging strategy for electric vehicle fleet	2023	Journal of Energy Storage	64		106987			Article
778	Chithambar Ganesh A.; Vinod Kumar M.; Mukilan K.; Suresh Kumar A.; Arun Kumar K.	Investigation on the effect of ultra fine rice husk ash over slag based geopolymer concrete	2023	Research on Engineering Structures and Materials	9	1		67	81	Article
779	Dhanalakshmi P.; Reddy S.D.; Balaji P.; Diwakar N.; Vinay S.	A Hybrid Model Approach for Stock Market Price Prediction	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference paper
780	Sarapure S.	Optimization of material removal rate and surface roughness during electric discharge machining of ultra-fine grained Al6082 using Taguchi technique; [Optimierung der Materialabtragrate und der Oberflächenrauigkeit beim funkenerosiven Bearbeiten von ultrafeinkörnigem Al6082 mit Hilfe der Taguchi-Methode]	2023	Materialwissenschaft und Werkstofftechnik	54	2		168	179	Article
781	Reddy T.R.S.; Kumaraswamy I.	Analysis on Rapid Charging for Electrified Transportation Systems	2023	International Journal of Electrical and Electronics Research	11	4		924	932	Article
782	TharehalliMata G.; Krishna H.; Keshav M.	Characterization of magneto-rheological fluid having elongated ferrous particles and its implementation in MR damper for three-wheeler passenger vehicle	2023	Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering	237	02-Mar		426	439	Article
783	Kishore Kumar A.; Aeri M.; Grover A.; Agarwal J.; Kumar P.; Raghu T.	Secured supply chain management system for fisheries through IoT	2023	Measurement: Sensors	25		100632			Article
784	Wang F.; Tarakaramu N.; Sivakumar N.; Narayana P.V.S.; Harish Babu D.; Ramalingam S.	Three dimensional nanofluid motion with convective boundary condition in presents of nonlinear thermal radiation via stretching sheet	2023	Journal of the Indian Chemical Society	100	2	100887			Article
785	Natesan S.; Sivakumar C.	Application Based on Open Flow Using Deep Radial Basis to Enhance Mobile IP Networks	2023	International Conference on Sustainable Communication Networks and Application, ICSCNA 2023 - Proceedings				30	36	Conference paper
786	Kumar C.S.; Vasantha L.; Siroshini P.; Jagruthi P.; Pavithra N.; Supriya T.	Secure and Proficient Provable Data Procurity with Privacy Protection in Cloud Storage	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference paper
787	Sindhuja R.; Reddy K.C.; Reddy G.S.; Kumar G.U.; Divya N.; Kumar I.P.	Solar PV Fed Modular Multilevel Inverter with Fuzzy Logic Control for Marine Water Pumping Applications	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference paper
788	Sunil Kumar M.; Sundararajan V.; Alangudi Balaji N.; Patil S.S.; Sharma S.; Joy Winnie Wise D.C.	Prediction of Heart Attack from Medical Records Using Big Data Mining	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4s		90	99	Article
789	Chauhan L.K.; Chopra J.; Vanangamudi M.; Tripathi I.P.; Bhargava A.; Goswami A.K.; Baroliya P.K.	Hydroxytriazenes incorporating sulphonamide derivatives: evaluation of antidiabetic, antioxidant, anti-inflammatory activities, and computational study	2023	Molecular Diversity	27	1		223	237	Article

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790	Valisireddy J.; Reddy K.A.; Elumalai R.; Mohan L.N.; Anjaneyulu G.S.G.N.	Secured authentication of online documents using visual secret sharing on QR code	2023	Journal of Integrated Science and Technology	11	4	568			Article
791	Sudhakar P.; Kumaraswamy I.	Futuristic Energy Management Solution: Fuzzy logic controller-Enhanced Hybrid Storage for Electric Vehicles with Batteries and Super Capacitors	2023	International Journal of Electrical and Electronics Research	11	4		917	923	Article
792	Lapakshi A.H.; Chintalapalli A.; Geetha P.	Simulating Early Detection of Tumor Cells using Electrochemical Treatment	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference paper
793	Naveen Kilari D.; Sekhar A.H.; Reddy N.S.; Dharani N.P.	A 3- Φ grid connected wind system with a technique of DC link control using fewer sensors with fuzzy controller	2023	International Journal of Intelligent Unmanned Systems	11	1		118	131	Article
794	Charan N.S.; Narasimhulu T.; Bhanu Kiran G.; Sudharshan Reddy T.; Shivangini Singh T.; Sunitha G.	Solid Waste Management Using Deep Learning	2023	Lecture Notes in Networks and Systems	648 LNNS			44	51	Conference paper
795	Javid Basha S.; Venkatramana P.	Analysis of Crosstalk Effects for Ternary Logic MWCNT Bundled Through Silicon Vias	2023	ECS Journal of Solid State Science and Technology	12	2	21008			Article
796	Purnima K.; Kumar C.S.	Non-Gradient Based Design Metrics for Underwater Image Enhancement	2023	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings				817	823	Conference paper
797	Parimalasundar E.; Sindhuja R.; Manikandan K.	Performance Analysis of Five Level Modular Multilevel Inverter for PV-Grid Connected System	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				481	485	Conference paper
798	Janardhan K.; Boilla A.; Kumar Angati Y.M.; Bengalore H.; Badi Ginchula A.K.; Hemanth Kumar B.	Nine-Level Switched Capacitance Multi-Level Inverter with Charge Balance	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
799	Chilukuri P.; Reddy K.N.K.; Divyanjali K.N.V.S.; Royal L.J.; Chandana M.H.; Krishna D.M.	A Novel Model for Prediction of Next Word using Machine Learning	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023				393	400	Conference paper
800	Rami Reddy M.; Ravi Chandra M.L.; Venkatramana P.; Dilli R.	Energy-Efficient Cluster Head Selection in Wireless Sensor Networks Using an Improved Grey Wolf Optimization Algorithm	2023	Computers	12	2	35			Article
801	Srilakshmi K.; Gaddameedhi S.; Santhosh D.T.; Yashaswini N.; Valluri N.; Reddy J.G.P.; Kumar N.M.G.; Naik D.A.	Design and Performance Analysis of Fuzzy Based Hybrid Controller for Grid Connected Solar-Battery Unified Power Quality Conditioner	2023	International Journal of Renewable Energy Research	13	1				Article
802	Hari Chandana B.; Neelima K.; Harika D.; Divya N.; Kumar N.A.	Customized Rectangular Microstrip Patch Antenna for Enhanced Gain to operate at 7.5 GHz	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				60	65	Conference paper
803	Satyam; Limbakar D.; Rauniyar P.S.; Deepthi G.; Supriya J.S.; Madhavi K.V.	Compact UWB Patch Antenna for Partial Discharge detection using Dual Rampart Line Structure, Slots and DGS	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023				854	858	Conference paper
804	Tallapragada V.V.S.; Prakash V.M.L.; Reddy U.V.; Reddy V.H.S.; Praneeth C.	Improved Accuracy in Image Tampering Detection using MobileNet	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				1337	1343	Conference paper
805	Dharani M.; Bharathi M.; Rajeswari B.M.; Yadav A.M.; Niranjan D.; Reddy A.C.D.	Design and Verification of an Adder-Subtractor Using UVM Methodology	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				26	30	Conference paper
806	Chilukuri P.; Harshitha S.; Abhiram P.; Susanna S.; Vyshnavi S.; Babu B.C.	Analysing of Image Quality Computation Models Through Convolutional Neural Network	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference paper
807	Sahoo A.K.; Gulavani S.; Manwal M.; Medidha R.; Bhaskar T.; M M.	Faulty diagnostics model in e-commerce using AI	2023	Measurement: Sensors	25		100634			Article
808	Kumar Rao B.N.; Sailaja	Demystifying explainable artificial intelligence (EAI)	2023	Explainable Artificial Intelligence (XAI): Concepts, enabling tools, technologies and applications				17	29	Book chapter
809	Pattnaik M.; Sunil Kumar M.; Selvakanmani S.; Kudale K.M.; Kumarasamy M.; Girimurugan B.	Nature-Inspired Optimisation-Based Regression Based Regression to Study the Scope of Professional Growth in Small and Medium Enterprises	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4s		100	108	Article
810	Nagendra R.; Harika D.; Ganesh K.S.; Hemanth H.K.; Santhosh T.; Munireddy U.V.	A Novel approach to denoise an image using CNN	2023	2023 14th International Conference on Computing Communication and Networking Technologies, ICCCNT 2023						Conference paper
811	Kumar M.S.; Vani M.S.; Yashaswini P.; Madhavi M.; Aswini M.	Reservoir Computing-Based Screening for Early-Stage Alzheimer's Detection	2023	2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023				574	577	Conference paper

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812	Baseer K.K.; Jaya Naga Varma B.; Harish B.; Sravani E.; Kumar K.Y.; Varshitha K.	Design and Implementation of Electronic Health Records using Ethereum Blockchain	2023	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023				784	791	Conference paper
813	Penchalaiah T.; Hema Nagalatha K.; Aravind M.; Manikanta K.; Rakesh K.; Vineela N.	Enhancing Harmonic Reduction of Grid Connected Wind-Solar PV Charging Station using Neural Network Controller	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				1263	1270	Conference paper
814	Bhasha P.; Reddy R.V.; Hamsaveni P.; Sravani P.H.; Nandan N.D.; Samhitha P.	Prediction of Dynamic Churn using Azure and Machine Learning	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference paper
815	Srilakshmi K.; Rao S.P.C.; Deepika G.; Thrinath B.V.S.; Ramadevi A.; Gadameddi S.; Kumar K.D.; Palanivelu A.	Performance Analysis of Artificial Intelligence Controller for PV and Battery Connected UPQC	2023	International Journal of Renewable Energy Research	13	1		155	170	Article
816	Lalitha E.; Ramani K.; Shahida D.; Deepak E.V.S.; Bindu M.H.; Shaikshavali D.	Text Summarization of Medical Documents using Abstractive Techniques	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023				939	943	Conference paper
817	Peruthambi V.; Maguluru S.C.; Gundraju S.S.N.; Kalyan K.; Moolaankappagari T.K.; Varma Gujjala S.	Investigation Of Contingency Analysis With Proper Tuning Of Interline Power Flow Controller Using Python Tool	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
818	Balaji M.; Padmaja N.; Swathi N.; Atheek S.; Manasa M.; Kumar K.C.	Biometric-based Smart Door Locking System using Biometric and OTP	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				898	903	Conference paper
819	Rao K.L.	Investigation For Resource Exploitation of Solar Energy on The Roof of Pupils Houses- A Survey	2023	5th International Conference on Energy, Power, and Environment: Towards Flexible Green Energy Technologies, ICEPE 2023						Conference paper
820	Divya N.; Neelima K.; Chandana B.H.; Harika D.	Hexagonal Split Ring Resonator for 5G Applications	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				66	70	Conference paper
821	Kumar K.R.; Sivakumar C.	An Improved Capacity Optimization Framework for Mobile Nodes in Ultra Dense Cloud Networks	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				526	533	Conference paper
822	Vijaya Kishore V.; Batthala S.; Chamarthi J.V.; Achyutasai C.; Subrahmanyam B.	KNEE OSTEOARTHRITIS PREDICTION DRIVEN BY DEEP LEARNING AND THE KELLGREN-LAWRENCE GRADING	2023	Proceedings on Engineering Sciences	5	3		475	484	Article
823	Sunil Kumar M.; Sah A.K.; Ruthvik G.; Prabez M.S.; Adhikari R.	Advancements in Heart Disease Prediction: A Comprehensive Review of ML and DL Algorithms	2023	Proceedings - International Conference on Technological Advancements in Computational Sciences, ICTACS 2023				1463	1468	Conference paper
824	Pujitha K.; Soni N.B.; Eram L.F.; Sai P.N.; Divija S.; Supriya R.S.	Chronic Kidney Disease Detection Using Machine Learning Approach	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference paper
825	Kumar M.S.; Kumarasamy M.; Madhavi N.B.; Dhariwal S.; Kumar R.S.; Oyebode O.J.	Reinforcement Based Concrete Modelling in Commercial Buildings Using Machine Learning Simulations	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4s		118	126	Article
826	Manohara M.; Sravani M.; Ganesh K.V.; Leela Rani D.; Babu M.M.; Kavya K.	Hybrid Electric Vehicle Voltage Regulation Using Backstepping Sliding Mode Control	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
827	Salam S.; Veni G.K.; Kamale C.; Deepika A.L.; Bruhathi A.	Forecasting the Behavior of EV Charging Using Machine Learning	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1765	1768	Conference paper
828	Kumaraswamy Naidu K.; Sreenadh S.	The flow of a Jeffrey fluid in a composite horizontal channel partially filled with a deformable porous material	2023	Heat Transfer	52	2		2017	2031	Article
829	Praveena H.D.; Srilakshmi V.; Rajini S.; Kolluri R.; Manohar M.	Balancing module in evolutionary optimization and Deep Reinforcement Learning for multi-path selection in Software Defined Networks	2023	Physical Communication	56		101956			Article
830	Godala S.; Sunil Kumar M.	Intrusion Detection by Stacked Deep Ensemble Model with Entropy and Correlation Feature Set	2023	International Journal of Intelligent Systems and Applications in Engineering	11	4s		7	21	Article
831	Yuvaraj M.S.; Pavan Kumar N.; Surya Prakash M.; Karthik M.; Nithesh Kumar Reddy N.	Influence of coconut fibre on strength of concrete made with ggbs as partial replacement to cement	2023	IOP Conference Series: Earth and Environmental Science	1280	1	12006			Conference paper
832	Kurakula A.K.; Akhila K.; Bhavya M.; Sai M.V.	Detecting Distributed DoS Attacks on SDN using Machine Learning (ML) Methods	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				767	772	Conference paper
833	Hari Krishnan G.; Sukanya K.; Sainath Reddy J.; Surya Prakash Reddy K.; Niharika N.; Siva Sai Kiran M.	CNN based Image Processing for Crack Detection on HT Insulator's Surface	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				618	621	Conference paper

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834	Jalaja V.; Anjaneyulu G.S.G.N.; Mohan L.N.	New Digital Signature Scheme on Non-Commutative Rings using Double Conjugacy	2023	Journal of Integrated Science and Technology	11	2	471			Article
835	Muruganandam S.; Joshi R.; Suresh P.; Balakrishna N.; Kishore K.H.; Manikanthan S.V.	A deep learning based feed forward artificial neural network to predict the K-barriers for intrusion detection using a wireless sensor network	2023	Measurement: Sensors	25		100613			Article
836	Suresh K.; Parimalasundar E.; Sujatha M.S.; Kumar N.M.G.	Design and Implementation Bidirectional DC-AC Converter for Energy Storage System	2023	IEEE Canadian Journal of Electrical and Computer Engineering	46	2		130	136	Article
837	Jena K.; Kumar D.; Janardhan K.; Kumar B.H.; Singh A.R.; Nikolovski S.; Bajaj M.	A Novel Three-Phase Switched-Capacitor Five-Level Multilevel Inverter with Reduced Components and Self-Balancing Ability	2023	Applied Sciences (Switzerland)	13	3	1713			Article
838	Kumar B.H.; Kumar S.S.S.; Yaseen S.; Kumar P.A.; Fayaz S.; Janardhan K.	Thirteen Level Switched Capacitor Multilevel Boost Inverter for PV applications	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
839	Silpa C.; Prasanth P.; Sowmya S.; Bhumika Y.; Pavan C.H.S.; Naveed M.	Detection of Fake Online Reviews by using Machine Learning	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				71	77	Conference paper
840	Ramu M.; Harshitha M.; Hanisha R.; Chandana P.; Meghana P.	Cardiovascular Disease Prediction Using Machine Learning Classifiers	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				709	715	Conference paper
841	Nagendra Babu G.	Review of Routing Protocols for Sink with mobility nature in Wireless Sensor Networks	2023	2023 International Conference in Advances in Power, Signal, and Information Technology, APSIT 2023				734	738	Conference paper
842	Prasad K.D.V.; Palanikkumar D.; Daukau Gowda V.; Hussain N.; Azhagu Jaisudhan Pazhan A.; Auil Kumar N.	A Novel Method of Enhancing Security Solutions and Energy Efficiency of IoT Protocols	2023	International Journal on Recent and Innovation Trends in Computing and Communication	11	4		325	335	Article
843	Manickam S.; Rajendran C.; Ragu Nathan S.; Sivamaran V.; Balasubramanian V.	Assessment of the influence of FSSW parameters on shear strength of dissimilar materials joint (AA6061/AZ31B)	2023	International Journal of Lightweight Materials and Manufacture	6	1		33	45	Article
844	Sowmya T.S.; Narasimhulu T.; Sunitha G.; Manikanta T.; Venkatesh T.	Vision Transformer based ResNet Model for Pneumonia Prediction	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				316	321	Conference paper
845	Walde R.B.; Prakash O.; Sunil Kumar M.; Sule B.; Nabilal K.V.; Pawar U.C.	Ranking Based Security Scheme with Attack Detection and Improved Network Security	2023	International Journal of Intelligent Systems and Applications in Engineering	11	3s		35	41	Article
846	Kumar A.; Purushotham Reddy M.; Sushama C.; Limkar S.; Kaswan K.S.; Rathod M.	Markov Clustering in Leaf Disease Detection Based on Classification using Probabilistic Naïve Bayes Regression for Deep Learning Architecture	2023	International Journal of Intelligent Systems and Applications in Engineering	11	3s		184	188	Article
847	Silpa C.; Mirza S.N.; Prathyusha S.; Naga Sneha Latha Reddy P.; Hrudaya U.J.; Vivek M.	A Meta Classifier Model for SMS Spam Detection using MultinomialNB - LinearSVC Algorithms	2023	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023						Conference paper
848	Mahesh M.; Reddy K.N.; Reddy L.V.; Priya L.K.; Prasad T.G.	Web based Diabetes Prediction System with ML and Probabilistic Risk Stratification: Evaluation and Analysis	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023				1184	1190	Conference paper
849	Bhati K.; Bajpai Tripathy D.; Kumaravel V.; Sudhani H.P.K.; Ali S.; Choudhary R.; Shukla S.	Sensitive Fingerprint Detection Using Biocompatible Mesoporous Silica Nanoparticle Coating on Non-Porous Surfaces	2023	Coatings	13	2	268			Article
850	Damodaram D.; Godi R.K.; Rajkumar; Divakara Rao D.V.; Glory K.B.; Somu K.	Power control management system model using wireless sensor network	2023	Measurement: Sensors	25		100639			Article
851	Jyothsna V.; Madhuri B.N.; Lakshmi K.S.; Himaja K.; Naveen B.; Royal K.D.	Facemask detection using Deep Learning	2023	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023				533	537	Conference paper
852	Sree Lakshmi T.; Govindarajan M.; Sreenivasulu A.	Malware visual resemblance analysis with minimum losses using Siamese neural networks	2023	Theoretical Computer Science	943			219	229	Article
853	Ainapure B.S.; Pise R.N.; Reddy P.; Appasani B.; Srinivasulu A.; Khan M.S.; Bizon N.	Sentiment Analysis of COVID-19 Tweets Using Deep Learning and Lexicon-Based Approaches	2023	Sustainability (Switzerland)	15	3	2573			Article
854	Wang F.; Tarakaramu N.; Govindaraju M.V.; Sivakumar N.; Bhagya Lakshmi K.; Satya Narayana P.V.; Sivajothi R.	Activation energy on three-dimensional Casson nanofluid motion via stretching sheet: Implementation of Buongiorno's model	2023	Journal of the Indian Chemical Society	100	2	100886			Article
855	Gomathi S.; Sagaya Raj A.G.; Mishra C.S.; Kumar A.	Straddling type sandwiched absorber based solar cell structure	2023	Optik	272		170354			Article
856	Manikandan K.; Swapna K.; Narendra Naik J.; Kumar K.N.; Rakesh K.; Vaishnavi K.	Grey Wolf Optimization Algorithm based Combined Economic and Emission Dispatch Problem	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023				735	742	Conference paper

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857	Lokesh G.; Baseer K.K.	An Architecture for Dynamic Load Balancing in Cloud Environment	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				84	91	Conference paper
858	Kumar M.S.; Neeraja P.; Gunamaneni A.; Nirmala A.V.; Nikhil G.	Deep Learning for Plant Species Classification	2023	2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023				559	564	Conference paper
859	Prasad P.Y.; Kongara V.; Ankireddy P.K.; Jagga S.; Guduru S.; Shashank K.	Estimating the Chances of Getting Heart Disease using Machine Learning Algorithms	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				1029	1034	Conference paper
860	Livingston L.M.M.; Raj A.G.S.; Prabu R.T.; Kumar A.	Computational analysis of FeS2 material for solar cell application	2023	Optical and Quantum Electronics	55	3	244			Article
861	Satyam; Sai Samhitha T.; Adikesava Naidu T.; Swapna K.; Nagaraju Y.; Ashok Kumar N.	Low Profile Miniaturized Wideband Antenna for mmW Applications	2023	2023 4th International Conference for Emerging Technology, INCET 2023						Conference paper
862	Prasad P.Y.; Chowdarv A.S.; Bavitha C.; Mounisha E.; Reethika C.	A Comparison Study of Fraud Detection in Usage of Credit Cards using Machine Learning	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				1204	1209	Conference paper
863	Ramani K.; Jahnavi M.; Reddy P.J.; Venkatachakravarthi P.; Meghanath P.; Imran S.K.	Prediction of Bitcoin Price through LSTM, ARIMA, XGBoost, Prophet and Sentiment Analysis on Dynamic Streaming Data	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1514	1518	Conference paper
864	Sadi R.P.R.; Prabhakar Rao B.V.A.N.S.S.; Singh R.K.; Dadhirao C.; Kumar K.S.; Chitteti C.	Federated Learning Approach for Predicting the Growth Rate and Menace of COVID-19	2023	International Journal of Intelligent Systems and Applications in Engineering	11	2		928	935	Article
865	Vani M.S.; Girinath S.; Hemasree V.; Havardhan L.H.; Sandhya P.	Plant Disease Identification Tracking and Forecasting Using Machine Learning	2023	Proceedings - International Conference on Technological Advancements in Computational Sciences, ICTACS 2023				1428	1432	Conference paper
866	Neha Niharika C.V.; Mothish Kumar K.; Harika K.; Venkatesh V.; Begum A.Y.	Crop Recommendation with IOT and ML	2023	2023 4th International Conference for Emerging Technology, INCET 2023						Conference paper
867	Arunkumar K.; Sureshkumar A.; Ganesh A.C.; Parthiban L.; Premkumar V.	Optimization of hybrid fibre reinforced geopolymer concrete using hardened and durability properties	2023	Research on Engineering Structures and Materials	9	1		113	130	Article
868	N J.; Rampur V.; Gangodkar D.; M A.; C B.; N A.K.	Improved block chain system for high secured IoT integrated supply chain	2023	Measurement: Sensors	25		100633			Article
869	Parimalasundar E.; Suresh K.	Fault Analysis and Compensation in a Five Level Multilevel DC-AC Converter	2023	El-Cezeri Journal of Science and Engineering	10	1		99	108	Article
870	Chakradhar K.S.; Rama Rao B.; Nataraj D.	Microstrip Patch Antenna Design with Improved Shark Smell Optimization Model	2023	Wireless Personal Communications	128	4		2549	2569	Article
871	Hannan M.; Shanmuganantham T.; Shahid M.; Sindhanaiselvi D.; Kumar S.A.; Srihari G.	High Gain Multilayered Microstrip Patch Antenna for C Band Applications	2023	International Journal of Microwave and Optical Technology	18	2		104	111	Article
872	Shruti; Pahadsingh S.; Appasani B.; Srinivasulu A.; Bizon N.; Thounthong P.	A Reconfigurable Terahertz Metamaterial Absorber for Gas Sensing Applications	2023	Crystals	13	2	158			Article
873	Jalaja V.; Kumar P.V.; Elumalai R.; Anjaneyulu G.S.G.N.	Differential polynomials on Non-Commutative Rings in Digital Signature scheme	2023	Journal of Integrated Science and Technology	11	3	526			Article
874	Hussain K.; Neeraja P.; Jose D.B.K.; Prasad Ch.V.S.; Selvaraju S.; Kodali A.B.	Analysis of Wearable Sensor Electronics and Wireless Health Monitoring Systems	2023	International Journal of Intelligent Systems and Applications in Engineering	11	2		148	152	Article
875	Ravariu C.; Srinivasulu A.; Appasani B.	Viral invasion flow-chart for pathogens with replication target in a host cell	2023	Recent Advancements in Smart Remote Patient Monitoring, Wearable Devices, and Diagnostics Systems				33	53	Book chapter
876	Sudhakar Reddy N.; Kilari N.; Dharani N.P.; Ashok Kumar S.	Analysis of slotted matching antenna for millimeter wave applications	2023	Alexandria Engineering Journal	64			237	243	Article
877	Pujitha K.; Nandini G.; Sree K.V.T.; Nandini B.; Radhika D.	Cyber Hacking Breaches Prediction and Detection Using Machine Learning	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference paper
878	Parimalasundar E.; Maneesha S.; Hanish R.; Reddy P.M.; Harish P.K.; Rao P.K.	Performance Analysis of DC-DC Converter for Electric Vehicle Charging Applications	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				1543	1546	Conference paper
879	Avanija J.; Chandra Mohan Reddy C.; Sri Chandan Reddy C.; Harshavardhan Reddy D.; Narasimhulu T.; Hardhik N.V.	Skin Cancer Detection using Ensemble Learning	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				184	189	Conference paper
880	Ramani K.; Suneetha I.; Pushpalatha N.; Reddy K.B.N.K.; Harish P.	A Mobile Application for Currency Denomination Identification for Visually Impaired	2023	Lecture Notes in Electrical Engineering	1080 LNEE			105	112	Conference paper
881	Devaraju T.; Leleedhar Rao K.; Hari Krishnan G.; Parimalasundara E.	Enhancing the Productivity of Agricultural Supply Chains with Solar Tunnel Dryers	2023	Journal of Solar Energy Research	8	3		1574	1586	Article

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882	Ashokkumar N.; Redddiprasanna B.; Varshitha B.; Farishma S.; Shankar P.H.; Thandapani K.	Data Encoding Techniques for Reducing Energy Consumption in Network-On-Chip	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference paper
883	Sai Thrinath B.V.; Sathish P.S.; Manikanta T.; Harish B.; Harshath T.V.V.N.P.S.; Ramakrishna T.	A Novel Dual Source Inverter for HES System Using SVM	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				69	74	Conference paper
884	Sunil Kumar M.; Girinath S.; Mohitha A.; Ramyasree K.; Mounika K.	Enhancing Sentiment Analysis with an AttentionBased Machine Learning Model	2023	Proceedings - International Conference on Technological Advancements in Computational Sciences, ICTACS 2023				1449	1454	Conference paper
885	Mothish M.; Hari Chandana B.; Meri M.; Mohan K.; Kumar K.L.	Multiband Tree shaped Microstrip Antenna for Satellite Communication	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				75	79	Conference paper
886	Hemalatha A.; Reddy V.D.; Hemachandra S.	Development of empirical models and machinability comparison on wire electrical discharge machining of aluminium based hybrid and metal matrix composites	2023	International Journal on Interactive Design and Manufacturing						Article
887	Naidu B.R.; Tangudu N.; Sekhar C.C.; Kavitha K.; Ramana B.V.; Reddy P.V.; Sahukaru J.; Lopinti R.G.	Toxic Comment Classification using Deep Learning	2023	International Journal on Recent and Innovation Trends in Computing and Communication	11	7		93	104	Article
888	Janardhan K.; Krishna R.G.; Guru Chandrika T.; Kumar B.S.; Blessy Sharon M.; Kumar B.H.	Performance analysis of 15-level Switched Capacitor-Multilevel inverter	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
889	Kumar M.S.; Neeraja P.; Amulya R.; Swarna K.; Reddy T.S.P.	Severity Level Prediction and Finding Cause in Flight Accidents Using Machine Learning	2023	2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023				565	568	Conference paper
890	Krishnaraj J.; Harshavardhan Reddy K.	Modelling and additive manufacturing of a four stroke petrol engine using PLA material	2023	Materials Today: Proceedings						Article
891	Vaishnavi P.; Prathima C.; Rakesh V.; Sujala P.; Nitin P.A.; Yadav D.R.K.	Employing the SMOTE Technique, a Machine Learning Model for Predicting Student Grades	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICI CCS 2023				349	354	Conference paper
892	Kishore T.; Venkatramana P.	Design of Encoder based Half-Adder using GNRFET Technology in Ternary Logic	2023	2023 International Conference on Next Generation Electronics, NEleX 2023						Conference paper
893	Pasupuleti T.; Natarajan M.; Shanmugam L.; Kiruthika J.; Ramesh Naik M.; Kotapati G.	Application of Taguchi Based ANFIS Approach in Wire Electrical Discharge Machining of Inconel 625 for Automobile Applications	2023	SAE Technical Papers						Conference paper
894	Maheswari K.; Nimmagadda P.	Advancements in Wireless Video Communication Optimization: A Comprehensive Comparison	2023	2023 International Conference on Next Generation Electronics, NEleX 2023						Conference paper
895	Kumar V.S.; Pasupuleti T.; Natarajan M.	Simulation and Analysis of Quarter Car Model for Low Cost Suspension Test Rig	2023	SAE Technical Papers						Conference paper
896	Lakshmi A.J.; Dasari R.; Chilukuri M.; Tirumani Y.; Praveena H.D.; Kumar A.P.	Design and Implementation of a Smart Electric Fence Built on Solar with an Automatic Irrigation System	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023				1553	1558	Conference paper
897	Purnima K.; Kumar C.S.	Gradient-Based Design Metrics for Assessment of Underwater Image Enhancement	2023	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings				783	788	Conference paper
898	Lakshmi P.; Maheshbabu C.; Teja G.V.S.; Vishnu C.; Sai D.V.; Mahesh C.	An Evaluation of Stock Market Prediction using Supervised Machine Learning Techniques	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings						Conference paper
899	Balaji M.; Padmaja N.; Gitanjali P.; Shaik S.A.; Siva Kumar P.; Sai Geetesh R.	Design of FIR filter with Fast Adders and Fast Multipliers using RNS Algorithm	2023	2023 4th International Conference for Emerging Technology, INCET 2023						Conference paper
900	Prasad P.Y.; Velayduam L.N.; Kumar S.S.; Shaikshavali M.; Reddy V.V.; Kumar N.A.	Selection of Cache Replacement Algorithm for PostgreSQL	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				1715	1720	Conference paper
901	Ramu M.; Raj C.J.; Nithish A.; Boggula C.; Ganesh Babu G.; Srikanth Goud K.I.	Applying Deep Learning Methods on Spam Review Detection	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				162	169	Conference paper
902	Patnala M.; Munideepika B.; Pavithra V.; Sunil T.; Sreenivasulu N.	Design of Wideband Band Stop Filter using Signal Interference Technique	2023	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2023-June			206	210	Conference paper

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903	Sunil Kumar M.; Vani M.S.M.S.; Saikumar M.; Bharath G.; Sairam A.	A Smart Air Pollution Detector Using Machine Learning	2023	Proceedings - International Conference on Technological Advancements in Computational Sciences, ICTACS 2023				1437	1442	Conference paper
904	Dhanalakshmi P.; Kumar G.A.; Satwik B.S.; Sreeranga K.; Sai A.T.; Jashwanth G.	Sentiment Analysis Using VADER and Logistic Regression Techniques	2023	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023				139	144	Conference paper
905	Prabhu S.; Arun V.; Mahadevan B.; Venkatesh P.; Aravindha Reddy P.V.; Mohan S.S.; Reddy S.R.K.; Reddy S.S.K.	Finite Element Analysis on Doubly Salient Singly Excited Machine for Electrified Transportation Systems	2023	Progress In Electromagnetics Research C	135			145	156	Article
906	Sivanantham S.; Kumar P.H.; Vardhan S.N.; Kumar S.C.; Kumar T.A.; Pradeep T.	Rainfall Prediction using Machine Learning Techniques - A Comparative Approach	2023	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023				1472	1480	Conference paper
907	Ganesh D.; Rao K.J.; Kumar M.S.; Vinitha M.; Anitha M.; Likith S.S.; Taralitha R.	Implementation of Novel Machine Learning Methods for Analysis and Detection of Fake Reviews in Social Media	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				243	250	Conference paper
908	Kalpna V.; Vijaya Kishore V.; Kumar G.H.	Enhanced Fusion Approach to Diagnose ILD and Improve Patient Outcomes	2023	Proceedings of IEEE 2023 5th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2023						Conference paper
909	Tallapragada V.V.S.; Raj V.S.; Deepak U.; Sai P.D.; Mallikarjuna T.	Improved Resume Parsing based on Contextual Meaning Extraction using BERT	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023				1702	1708	Conference paper
910	Maruthi P.; Sivakumar C.	The Smart Performance Analysis of Reliability based Optimization Service for Secured Cloud Servers using Priority based Scheduling	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				633	640	Conference paper
911	Sushma C.; Padmaja N.	Design of Low Delay and Low complex Parallel Reconfigurable Filter bank for Hearing aid	2023	2023 International Conference on Next Generation Electronics, NEleX 2023						Conference paper
912	Sakthivel M.; Sreekarni P.; Rishika P.; Jyoshna P.; Navya P.	Pneumonia Detection Using X-Ray Images	2023	2023 3rd International Conference on Intelligent Technologies, CONIT 2023						Conference paper
913	Naik M.Y.; Sivakumar C.	Joint Security and Resource Allocation in Cloud Computing Environment Using ResNet Based Flower Pollination Algorithm	2023	International Conference on Sustainable Communication Networks and Application, ICSCNA 2023 - Proceedings				158	163	Conference paper
914	Depuru S.; Sivanantham S.; Amala K.; Akshaya V.; Sakthivel M.; Kusuma P.S.	Empirical Study of Human Facial Emotion Recognition: A Deep Learning	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference paper
915	Suresh K.; Kumaraswamy I.; Arulmozhiyal R.	Design and Analysis of Solid State DC-AC Transformer	2023	Distributed Generation and Alternative Energy Journal	38	3		743	760	Article
916	Janardhan K.; Kuntrapaka M.; Kumbharathi N.; Nagarchi T.; Reddy Nallagari D.K.; Hemanth Kumar B.	High Gain Switched-Capacitor Multilevel Inverter	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
917	Dinesh B.; Chilukuri P.; Sree G.P.; Venkatesh K.; Delli M.; Nandish K.R.	Chat and Voice Bot Implementation for Cardio and ENT Queries Using NLP	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				124	130	Conference paper
918	Ramani K.; Bhavana K.; Akshaya A.; Harshita K.S.; Thoran Kumar C.R.; Srikanth M.	An Explorative Study on Extractive Text Summarization through k-means, LSA, and TextRank	2023	WiSPNET 2023 - International Conference on Wireless Communications, Signal Processing and Networking						Conference paper
919	Silpa C.; Sravani B.; Vinay D.; Mounika C.; Poorvitha K.	Drug Recommendation System in Medical Emergencies using Machine Learning	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				107	112	Conference paper
920	Mareddy P.L.; Reddy D V.V.; Katta L.N.; Siva Rami Reddy N.	Parallel Scheduling of Machines and Tools without Tool Delay Using Symbiotic Organisms Search Algorithm	2023	SAE Technical Papers						Conference paper
921	Rao K.L.	Performance Upgradation of Roof Top Solar PV Systems for Establishing Green Electricity	2023	2023 2nd International Conference on Futuristic Technologies, INCOFT 2023						Conference paper
922	Depuru S.; Hari P.; Suhaas P.; Basha S.R.; Girish R.; Raju P.K.	A Machine Learning based Malware Classification Framework	2023	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023				1138	1143	Conference paper
923	Chalichalamala S.; Govindan N.; Kasarapu R.	A Comprehensive Analysis of Intrusion Detection in Internet of Things (IoT)	2023	IEEE 1st International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics, AIKIE 2023						Conference paper
924	Geetha P.; Sudha K.; Praveena H.D.	Nano Engineering Concepts, Principles and Applications in Food Technology	2023	Nanoelectronics Devices: Design, Materials, and Applications (Part II)				246	279	Book chapter
925	Kumar Y.B.K.; Kiran Y.B.; Tarigonda H.; Doddipalli R.R.	Preparation of Copper Zinc Tin Sulfide Thin Film Solar Cells by Chemical Synthesis	2023	SAE Technical Papers						Conference paper

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926	Manohara M.; Sravani M.; Ganesh K.V.; Leela Rani D.; Babu M.M.; Kavya K.	Hybrid Electric Vehicle Voltage Regulation Using Backstepping Sliding Mode Control	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
927	Geetha P.; Sudha K.; Praveena H.D.	IoT based Self-Driven Natural Piezo Electric RFID Tags for Regulating Food Safety	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				438	442	Conference paper
928	Natarajan M.; Pasupuleti T.; Sagaya Raj G.; Kumar V.; Katta L.N.; Kiruthika J.	Machinability Studies and the Evolution of Hybrid Artificial Intelligent Tools for Advanced Machining of Nickel Alloy for Aerospace Applications	2023	SAE Technical Papers						Conference paper
929	Kishore V.V.; Kalpana V.; Krishna B.H.	DFIR-Net: Convolutional Neural Networks with Deep Learning for Content-based Image Retrieval	2023	Proceedings of IEEE 2023 5th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2023						Conference paper
930	Usharani S.; Gayathri; Rajarajeswari S.; Kishore D.S.; Depuru S.	IoT based Animal Trespass Identification and Prevention System for Smart Agriculture	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023				983	990	Conference paper
931	Satyam; Geetha P.	Comprehensive Overview of the Opportunities and Challenges in AI	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				420	423	Conference paper
932	Fatima T.; Purushotham N.; Tarannum B.; Unnisa R.; Madhavi K R.; Krishna R.S.; Kumar V.N.	Data-Driven Identification of High-Risk Patients for CKD- Machine Learning Perspective	2023	5th IEEE International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCMLA 2023				21	25	Conference paper
933	Vara Lakshmi R.; Jaikumara S.; Srinivas V.; Satya Meher R.; Lakshmi V.V.K.	Parametric optimization of SiO2 nanoparticle dispersed biodiesel blend with dispersant at variable loads of diesel engine using Taguchi, grey relation analysis	2023	Materials Today: Proceedings	115			71	77	Conference paper
934	Geetha P.	Design Optimization of Solar Energy Harvesting Using Perovskite Solar Cell for Electric Vehicles Using Finite Element Method	2023	SAE Technical Papers						Conference paper
935	Tallapragada V.V.S.; Vidya B.B.S.; Venkataravanamma B.; Lochanesh B.; Teja G.U.	Real and Synthetic Underwater Image Enhancement by Colour Compensation with Complementary Colours	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				1623	1628	Conference paper
936	Kumar B.H.; Nagapujitha K.; Pushpavathi J.; Bhavana M.; Vani N.; Janardhan K.	Twenty-Five-Level Switched Capacitor Multilevel Boost Inverter for Solar PV Applications	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
937	Bharathi M.; Mahaboob Basha S.K.; Kumar E.G.; Nehal G.S.; Lapakshi A.H.; Chintalapalli A.	Customised Design of 16-Bit DSP Processor for Signal Processing Applications	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				930	935	Conference paper
938	Sudheer Babu M.; Reddappa B.; Ajmath K.A.	CHEMICAL REACTION EFFECTS ON MHD HEAT AND MASS TRANSFER OF A JEFFREY FLUID FLOW WITH VISCOUS DISSIPATION AND JOULE HEATING THROUGH A POROUS STRETCHING SHEET	2023	ARPN Journal of Engineering and Applied Sciences	18	2		102	112	Article
939	Satyam; Neelima K.	C-slot Flexible Microstrip Antenna with Triple Band Characteristics for WLAN/WiMAX/UWB Applications	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				54	59	Conference paper
940	Vijayalakshmi C.; Dileep Kumar Y.	Analysis of Lung Cancer Detection and Prediction With SVM Classifier Through Matlab	2023	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023						Conference paper
941	Krishna N.B.; Ganesh D.; Sakthivel M.; Nithya Sree K.; Arshithalakshmi gayathri I.	Attention-based model for smart EEG Categorization	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
942	Balaji M.; Begum A.Y.; Reddy C.J.S.; Mahesh G.; Charunya D.	Comparison of Efficiencies Using Thermal Characteristics of Different PV Materials Using ANSYS	2023	2023 3rd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2023						Conference paper
943	Satyam; Geetha P.; Shashikala K.S.; Kumar N.A.	AI-Enabled Edge Computing Models: Trends, Developments, and Future Implications	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				63	67	Conference paper
944	Sivanantham; Reddy B.S.K.; Saignaneswar J.; Balaji K.; Vivek Reddy K.S.; Reddy K.L.	Deep Learning based Image Enhancing Environment with Noise Suppression	2023	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023				1339	1344	Conference paper
945	Ravi Sankar Reddy T.; Kumaraswamy I.	Performance Analysis of CFSR-DC-DC Converter for EV Applications	2023	2023 Innovations in Power and Advanced Computing Technologies, i-PACT 2023						Conference paper

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946	Leela Rani D.; Bharathi M.; Manohara M.; Praveena H.D.; Geetha P.	A Smart Medication Box with Regular Medications and In-Time Refilling	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				1066	1070	Conference paper
947	Salam S.; Sohail S.M.; Reddy K.D.; Darvesh V.; Reddy T.Y.; Rao O.G.	Predicting Flight Delay Based on Sentimental Analysis: Machine Learning	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference paper
948	Kumar M.S.; Girinath S.; Lakshmi G.G.V.S.; Ganesh A.V.S.; Kumar K.J.	Crop Yield Prediction Using Machine Learning	2023	2023 International Conference on Sustainable Emerging Innovations in Engineering and Technology, ICSEIET 2023				569	573	Conference paper
949	Basha S.J.; Venkatramana P.	GNRFET and RRAM Based Digital Gates in Ternary Logic	2023	3rd IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2023						Conference paper
950	Rakesh V.; Chilukuri P.; Vaishnavi P.; Sreekaran P.; Sujala P.; Krishna Yadav D.R.	Real Time Object Recognition Using OpenCV and Numpy in Python	2023	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings				421	426	Conference paper
951	Senthilkumar S.; Madhaiyan V.; Arun V.; Kannan E.; Gowtham S.; Prabhu S.	Analysis on Various Core Materials and Magnets for Electric Vehicle Applications	2023	2023 1st International Conference on Advances in Electrical, Electronics and Computational Intelligence, ICAEECI 2023						Conference paper
952	Ramani K.; Kumar P.V.; Jahnavi N.; Karthik A.; Yadav N.; Rahul U.S.	Smart Medication Monitoring in Medical IoT	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference paper
953	Sachuthananthan B.; Vinoth R.; Lokeswara Reddy P.; Naik G.; Sandeep B.	Behaviour assessment of diesel engine operated using Butanol-Methyl Ester of Water Hyacinth blends	2023	Materials Today: Proceedings	72			1785	1791	Conference paper
954	Depuru S.; Vaishnavi K.; Manogna B.; Sri K.J.; Preethi A.; Priyanka C.	Hybrid CNNLBP using Facial Emotion Recognition based on Deep Learning Approach	2023	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023				972	980	Conference paper
955	Sunitha G.; Sudeepthi A.; Sreedhar B.; Shaik A.B.; Farooq C.	RetinaNet and Vision Transformer-Based Model for Wheat Head Detection	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				151	156	Conference paper
956	Suresh Kumar A.; Muthukannan M.; Arun Kumar K.; Chithambar Ganesh A.; Kanniga Devi R.	Development of Environmental-Friendly Geopolymer Concrete Using Incinerated Biomedical Waste Ash	2023	Lecture Notes in Civil Engineering	277			709	726	Conference paper
957	Geetha P.	Design of Solar Power Propagation using Silicon Nanowire Photonic Crystals for Electric Vehicles	2023	SAE Technical Papers						Conference paper
958	Dharani M.; Bharathi M.; Padmaja N.; Praveena K.	Design and Verification process of Combinational Adder using UVM Methodology	2023	IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems, ICAECIS 2023 - Proceedings				359	362	Conference paper
959	Reddy P.V.; Ravi P.; Ganesh D.; Manoj Kumar Naidu P.; Vineeth N.; Sameer S.	Detection and Evaluation of Cervical Cancer by Multiple Instance Learning	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				627	633	Conference paper
960	Parimalasundar E.; Praneeth R.; Kumar P.P.; Sireesha S.; Reddy N.B.; Chankya P.S.	Performance Analysis of Two Stage Three-Phase Grid Connected Inverter for Photovoltaic Applications	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				954	959	Conference paper
961	Lapakshi A.H.; Chintalapalli A.; Geetha P.	Modeling of Electrochemical Treatment for Early Detection of Tumor Cells	2023	2023 3rd International Conference on Artificial Intelligence and Signal Processing, AISP 2023						Conference paper
962	Balaji M.; Saleha A.; Chandusree B.; Kumar D.P.; Kumar L.S.; Venkatramana P.; Basha S.J.	Ternary Adder and Multiplier Design using GNRFETs	2023	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2023-June			670	677	Conference paper
963	Kumar N.A.; Podili V.A.; Nallapalli M.J.; Panduru Y.; Sanganapalli A.	Safety Detection by Using Smart and Multitasking Headgear	2023	VITECoN 2023 - 2nd IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies, Proceedings						Conference paper
964	Parimalasundar E.; Sravanti P.; Razzak S.K.A.; Abhigna P.N.M.; Hussain S.M.M.D.Z.; Mandal R.K.	Performance Investigations of PV Grid-Integrated Modular Multilevel Inverter	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				1534	1537	Conference paper
965	Divya N.; Haripriya K.; Kumar K.V.; Lasya K.; Sai K.G.	H-slot coupled antenna design for IoT applications	2023	ACCESS 2023 - 2023 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems				52	57	Conference paper

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966	Sunitha G.; Reddy Madhavi K.; Avanija J.; Srujan Raju K.; Kirankumar A.; Raji Reddy A.	Ensemble Model for Lidar Data Analysis and Nocturnal Boundary Layer Height Estimation	2023	Smart Innovation, Systems and Technologies	371			315	326	Conference paper
967	Reddy M.V.K.; Reddy N.R.S.; Kumar P.N.; Reddy R.P.K.; Sarada M.; Srinivasulu A.	Modified Low Power High Speed Approximate Adders For Energy Efficient Arithmetic Applications	2023	15th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2023 - Proceedings						Conference paper
968	Natarajan V.A.; Kumar M.S.	Improving QoS in Wireless Sensor Network routing using Machine Learning Techniques	2023	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023						Conference paper
969	Hari Krishnan G.; Muni Tejeswini C.; Gowtham K.; Kamalesh Chandra U.; Jyothsna P.; Rajaravi Kanth U.	Six-Phase BLDC Motor Design Performance Analysis for Electric Vehicle Applications	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				169	173	Conference paper
970	Baseer K.K.; Nas S.B.A.; Dharani S.; Sravani S.; Yashwanth P.; Jyothirmai P.	Medical Diagnosis of Human Heart Diseases with and without Hyperparameter tuning through Machine Learning	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023						Conference paper
971	Prakash S.S.; Harshitha K.; Charitha A.O.; Janvitha C.; Indu K.	Computer-Aided Diagnosis using Machine Learning Techniques	2023	Proceedings - 2023 3rd International Conference on Smart Data Intelligence, ICSMDI 2023				387	391	Conference paper
972	Madhuri N.S.; Sundaramoorthy P.; Vijaykumar A.	A Review on Different Acoustic-Noise and Torque Ripple Lessening Techniques of Switched Reluctance Motor	2023	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2023						Conference paper
973	Nurulla S.; Purushotham D.V.; Yuvaraj M.S.; Kiran Sai S.	Energy Efficient Design for a Conventional Building using BIM Tools	2023	IOP Conference Series: Earth and Environmental Science	1280	1	12030			Conference paper
974	Rao K.L.	EPA to Regulate the Energy Consumption at the Facility-A Real Time Case Study	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				35	39	Conference paper
975	Somsale L.N.; Natarajan M.; Pasupuleti T.; Krishna A.N.; Katta L.N.	Investigations on the Effects of Chemical Treatment on Mechanical Properties of Thespesia Lampas Fiber Reinforced Composites for Automobile Applications	2023	SAE Technical Papers						Conference paper
976	Venkateswarlu Reddy P.; Ganesh D.; Azeem L.S.; Padma M.; Lakshmi K.D.; Chakradhar L.	Implementation of Latest Deep Learning Techniques for Brain Tumor Identification from MRI Images	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023				1166	1171	Conference paper
977	Katta L.N.; Natarajan M.; Pasupuleti T.; Siva Rami Reddy N.; Sivaiah P.	Artificial Intelligence Model for Machinability Investigations on Drilling of AA6061 with Micro Textured Tool for Automobile Applications	2023	SAE Technical Papers						Conference paper
978	Natarajan M.; Pasupuleti T.; Palanisamy D.; Umapathi D.; Kiruthika J.; Kotapati G.	Multiple Regression Analysis for Ti-6Al-4V Wire Electrical Discharge Machining (Grade 5) for Light Weight Automobile Applications	2023	SAE Technical Papers						Conference paper
979	Sivaranjani L.; Rachamadugu S.K.; Reddy B.V.S.; Basi Reddy A.; Sakthivel M.; Depuru S.	Fashion Recommendation System Using Machine Learning	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				1367	1374	Conference paper
980	Madhaveelatha A.; Varaprasad K.M.; Pydala B.	Classification Model for Identification of Internet Loan Frauds Using PCA with Ensemble Method	2023	Lecture Notes in Networks and Systems	649 LNNS			486	495	Conference paper
981	Tangudu N.; Rayapati N.; Ramesh Y.; Vital P.; Kavitha K.; Narayana G.V.L.	Hostel Out-Pass Implementation Using Multi Factor Authentication	2023	Lecture Notes in Networks and Systems	649 LNNS			532	542	Conference paper
982	Mareddy P.L.; Vakucherla V.; Katta L.N.; Siva Rami Reddy N.	Optimizing Concurrent Scheduling of Machines and Tools in a Flexible Manufacturing System with Alternating Machines Using the Flower Pollination Algorithm	2023	SAE Technical Papers						Conference paper
983	Nagarajan P.; Thandapani K.; Ashokkumar N.; Pappa C.K.	Design and Analysis of Charge Pumping Circuit for Low Power Charge Pump Based Phase Locked Loop Organization	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				141	145	Conference paper
984	Venkatramana P.; Nagarajan P.; Basha S.J.	Design of SB-GNRFET and D-GNRFET using QuantumATK	2023	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023						Conference paper
985	Topale N.R.; Usharani S.; Gayathri; Rajarajeswari S.; Depuru S.; Shola S.P.	AnuVidya:Anesthesia Monitoring system for EEG Signals using AlexNet Model	2023	2023 2nd International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2023						Conference paper
986	Vemu S.P.; Mahaboob Basha S.; Srihari G.	Meandered Shape CPW Feed-Based SIW Slot Antenna for Ku-Band Applications	2023	Cognitive Science and Technology				747	754	Book chapter

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987	Kala K.L.; Krupakaran R.L.; Gangula V.R.; Tarigonda H.; Doddipalli R.R.; Naidu B.V.V.; Reddy D.	Application of Grey Taguchi Method for Optimization of EDM Process Parameters on Stir Casted Aluminium Hybrid Metal Matrix Composites	2023	SAE Technical Papers						Conference paper
988	Vinoth R.; Sachuthananthan B.; Vadivel A.; Balakrishnan S.; Raj A.G.S.	Heat transfer enhancement in oblique finned curved microchannel using hybrid nanofluid	2023	International Journal of Thermal Sciences	183		107848			Article
989	Narendra Kumar Rao B.; Kamarsu A.; Returi K.D.; Mohan V.M.; Reddy Madhavi K.	Multi-layered PCM Method for Detecting Occluded Object in Secluded Remote Sensing Image	2023	Lecture Notes in Networks and Systems	606			651	661	Conference paper
990	Balaji M.; Padmaja N.	A low power transistor level FIR filter implementation using CMOS 45 nm technology	2023	International Journal of Nanotechnology	20	01-Apr		390	409	Article
991	Harika D.; Hari Chandana B.; Divya N.; Neelima K.	Ultra-Low Power and High Speed CNTFETs Based Magnitude Comparator Design	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				46	49	Conference paper
992	Kumar B.H.; Vyshnavi B.; Dorababu B.; Kumar V.L.; Singh A.R.; Janardhan K.	Seventeen Level Switched Capacitor Boost inverter for Renewable Energy Sources	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
993	Shaik H.T.; Kumar B.S.; Pydala B.	An Efficient Machine Learning Model for Bitcoin Price Prediction	2023	Lecture Notes in Networks and Systems	649 LNNS			466	475	Conference paper
994	Reddy K.M.N.C.K.; Kanagasabai N.; Gireesh N.	BLDC Motor and Its Speed Characteristics Analysis Based on Total Harmonic Distortion	2023	Cognitive Science and Technology				947	958	Book chapter
995	Kallam S.; Babu C.M.; Prathima B.; Charitha C.L.; Madhavi K.R.	Product Safety and Privacy Using Internet of Things Design and Moji	2023	Lecture Notes in Networks and Systems	649 LNNS			504	509	Conference paper
996	Burra L.R.; Bonam J.; Tumuluru P.; Narendra Kumar Rao B.	Fine-tuning for Transfer Learning of ResNet152 for Disease Identification in Tomato Leaves	2023	Smart Innovation, Systems and Technologies	315			295	302	Conference paper
997	Sivakumar M.; Amala K.; Depuru S.; Santhi K.; Basi Reddy A.; Geetha Maduri G.	Lung Cancer Detection from CT Scan Images Using AlexNet	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				779	785	Conference paper
998	Shiny M.L.; Ramrao N.; Murugan K.	A Review on Ongoing Medical Care Observing Framework for Cardiovascular Patients Utilizing IoT	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				1310	1318	Conference paper
999	Kalpana V.; Kishore V.V.; Krishna H.B.	COVID-Net: COVID-19 detection and classification from Chest X-rays using DCNN	2023	IET Conference Proceedings	2023	5		25	29	Conference paper
1000	Damodaram A.K.; Sreenivasa Chakravarthi S.; Venkateswara Reddy L.; Reddy Madhavi K.	Multi-layered Architecture to Monitor and Control the Energy Management in Smart Cities	2023	Smart Innovation, Systems and Technologies	315			81	94	Conference paper
1001	Rambabu G.; Kiran Y.B.; Sarveswari S.; Vijayakumar V.	Synthesis of New 6-Oxo-1,6-Dihydropyrimidin-5-Carboxamides and Evaluation of Their anti-Bacterial and anti-Oxidant Activities	2023	Polycyclic Aromatic Compounds	43	1		619	629	Article
1002	Pappa C.K.; Ashokkumar N.; Nagarajan P.; Thandapani K.	Bluetooth based Garage Door Opening System	2023	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023				131	134	Conference paper
1003	Bahamani A.K.; Srinivasulu Reddy G.; Kumaraswamy I.; Vimala Kumar K.	Improved Hybrid Unified Power Flow Controller Using Fractional Order PID Controlled Systems	2023	Lecture Notes in Networks and Systems	588			353	363	Conference paper
1004	Sultana S.; Reddy Madhavi K.; Lavanya G.; Swarna Latha J.; Sandhyarani; Prathyusha B.	Detection of Malicious URLs Using Gradient Boosting Classifier	2023	Smart Innovation, Systems and Technologies	370			329	339	Conference paper
1005	Natarajan M.; Pasupuleti T.; Kumar V.; Krishnamachary P.C.; Kiruthika J.; Kotapati G.	Taguchi's Approach to Wire Electrical Discharge Machining of Magnesium Alloy AZ31B	2023	SAE Technical Papers						Conference paper
1006	Praveena K.; Vimala C.; Hemachandra S.	Lung Carcinoma Detection using Deep learning	2023	IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems, ICAECIS 2023 - Proceedings				177	182	Conference paper
1007	Manikandan N.; Thejasree P.; Lakshmi Narasimhamu K.; Krishnamachary P.C.	Investigations on machinability and evolution of hybrid artificial intelligent tools for contemporary machining of nickel alloy	2023	Materials and Manufacturing Processes	38	12		1514	1530	Article
1008	Pasupuleti T.; Natarajan M.; Kumar V.; Katta L.N.; Kiruthika J.; Silambarasan R.	Predictive Modelling and Process Parameter Prediction for Monel 400 Wire Electrical Discharge Machining for Rocket Frames	2023	SAE Technical Papers						Conference paper
1009	Reddy Y.B.; Prathima C.; Jaladi S.; Dinesh B.; Arun Kumar J.R.	Machine Learning Techniques for Detecting and Analyzing Online Fake Reviews	2023	Artificial Intelligence and Knowledge Processing: Improved Decision-Making and Prediction				271	278	Book chapter
1010	Madhaiyan V.; Murugesan R.; Arun V.; Prabhu S.	Nine Switch Dual Input 9- Level Inverter (NSDI9LI) with Inherent AC Voltage Generation Ability	2023	2023 1st International Conference on Advances in Electrical, Electronics and Computational Intelligence, ICAEECI 2023						Conference paper

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1011	Kumar M.S.; Sabeena J.; Veena K.M.; Pavan K.; Sukavya M.; Sravanthi K.	Fake Profile Detection on Social Networking Websites using Machine Learning	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				119	122	Conference paper
1012	Arun V.; Prabhu S.; Stonier A.A.; Shanthi B.	A New Quasi-Linear Multilevel Inverter with Reduced Sources and Components	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				147	151	Conference paper
1013	Laxmaiah B.; Chitteti C.; Sanaboina S.P.; Srinu V.; Madhavi K.R.; Kothergasti B.B.	Classification of Potholes and Plain Roads For Self-Driving Cars	2023	5th IEEE International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCCMLA 2023				30	33	Conference paper
1014	Leleedhar Rao K.; Jain A.; Rani S.	Trio-lattice scheduling for effective resource utilisation of solar energy to cater plead irrigation	2023	International Journal of Ambient Energy	44	1		1796	1813	Article
1015	Srinivasan A.; Dankan Gowda V.; Rm A.K.; Parthasarathy M.R.; Rohith A.; Anil Kumar N.	Facial Expression-Driven Music Recommendation: A Novel Approach for Personalized Listening Experiences	2023	2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023						Conference paper
1016	Thejasree P.; Krishnamachary P.C.	Design Optimization of Nd:YAG Laser Welded Inconel 718 Alloy Joints by Taguchi Method	2023	Lecture Notes in Mechanical Engineering				399	404	Conference paper
1017	Priyanka P.; Kishore Kumar P.; Lakshmi Kala K.; Vemanaboina H.	Prediction of cutting forces in drilling of aluminum 6061-T6 alloy	2023	Materials Today: Proceedings						Article
1018	Sunitha G.; Rani B.S.; Bhukya S.N.; Mohammad H.; Vittal R.H.S.	Political Optimizer-Based Automated Machine Learning for Skin Lesion Data	2023	Lecture Notes in Networks and Systems	612			487	495	Book chapter
1019	Devender B.; Kishore Kumar P.; kala K.L.; Vemanaboina H.	Modeling and flow analysis of FDM based dual extruder	2023	Materials Today: Proceedings						Article
1020	Arun V.; Prabhu S.; Stonier A.A.	Hybrid Variable Frequency PWM Methods for Seven Level Asymmetrical Inverter (7LAI)	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			123			Conference paper
1021	Shalini Priya J.; Sridevi V.; Somasundar Reddy C.; Ravindra Murthy C.	Voltage Regulation in the Grid using Static Synchronous Compensator and IoT Monitoring	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				338	343	Conference paper
1022	Regulagadda R.; Madhavi K R.; Prasad V.S.; Satyam Y.; Manthu R.; Okali R.	Accurate Diagnosis of Cardiac Disease with and Without Using GRIDSEARCHCV	2023	5th IEEE International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCCMLA 2023				26	29	Conference paper
1023	Kumar M.R.; Natteshan N.V.S.; Avanija J.; Madhavi K.R.; Charan N.S.; Kushal V.	SMOTE-TOMEK: A Hybrid Sampling-Based Ensemble Learning Approach for Sepsis Prediction	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				724	729	Conference paper
1024	Nayomi B.D.D.; Albert D.W.; Sujatha V.; Baseer K.K.; Pasha M.J.	A Framework for Processing and Analysing Real-Time data in e-Commerce Applications	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023				1495	1500	Conference paper
1025	Penchalaiah P.; Teja P.H.S.; Pydala B.	Ensemble Based Cyber Threat Analysis for Supply Chain Management	2023	Lecture Notes in Networks and Systems	649 LNNS			476	485	Conference paper
1026	Prathima C.; Muppalaneni N.B.	A Novel Framework for Handling Duplicate Images using Hashing Techniques	2023	3rd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2023 - Proceedings				984	991	Conference paper
1027	Kamakshi S.; Penchalaiah P.; Bhasha P.	Classification of Brain Disease and MRI-Based Age Estimation Using Deep Learning Algorithms	2023	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023				345	348	Conference paper
1028	Natarajan M.; Pasupuleti T.; Katta L.N.; Somsale L.N.; Palanisamy D.; Kiruthika J.	Application of Taguchi Approach on Wire Electrical Discharge Machining of SS304 for Automotive Applications	2023	SAE Technical Papers						Conference paper
1029	Manikandan K.; Sampath Kumar R.; Vignesh D.	State Estimation of a Utility-Scale Hybrid AC/DC Grid using a Decentralized Approach	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				506	512	Conference paper
1030	Natarajan M.; Pasupuleti T.; Katta L.N.; Kiruthika J.; Silambarasan R.; Kotapati G.	Evolution of Regression and Neural Network Models on Wire Electrical Discharge Machining of Nickel Based Superalloy	2023	SAE Technical Papers						Conference paper
1031	Usharani S.; Puneeth T.; Sugavanan K.; Depuru S.	Food Waste Management using IoT & Android Interface	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				1504	1513	Conference paper
1032	Palanisamy D.; Thejasree P.; Durai U.; Manikandan N.	A Study on the Machinability of Wire Electrical Discharge Machining of Nickel Alloy Using Taguchi Grey Approach	2023	Key Engineering Materials	971			33	43	Book chapter
1033	Rathod V.; Mali Y.; Sable N.; Ajalkar D.; Bharathi M.; Padmaja N.	A Network-Centred Optimization Technique for Operative Target Selection	2023	Journal of Electrical Systems	19	2		87	96	Article

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1034	Satyam; Damodaram D.; Pitchandi N.; Kumar N.A.	AGRA: An Efficient Ant Colony Grid-based Routing Algorithm for Mobile Ad hoc Networks	2023	2023 4th IEEE Global Conference for Advancement in Technology, GCAT 2023						Conference paper
1035	Katta L.N.; Pasupuleti T.; Natarajan M.; Siva Rami Reddy N.; Somsale L.N.	Development of Artificial Neural Network Model for CNC Drilling of AA6061 with Coated Textured Tool for Auto Parts	2023	SAE Technical Papers						Conference paper
1036	Rajeswarappa G.; Depuru S.; Sirisala S.	Crop Pests Identification based on Fusion CNN Model: A Deep Learning	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023				968	974	Conference paper
1037	Pasupuleti T.; Natarajan M.; Ramesh Naik M.; Palanisamy D.; Kiruthika J.; Polanki V.	Application of Optimization Technique on Spark Erosion Machining of AA 2014 Alloy for Aircraft Components	2023	SAE Technical Papers						Conference paper
1038	Ashokkumar N.; Garthima S.; Gawala S.D.; Sai Gayathri B.; Diwakar C.; Kavitha T.	Design of Microstrip Patch Antenna Integrated with Metal Rings, Stubs and Defective Ground for Wideband Applications	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				1372	1376	Conference paper
1039	Subashini M.M.; Arun V.; Prabhu S.; Stonier A.A.; Raglend I.J.; Mansor N.N.	Performance Evaluation of TAR PWM Scheme For 7 Level Asymmetrical Source Inverter	2023	2023 Innovations in Power and Advanced Computing Technologies, i-PACT 2023						Conference paper
1040	Mohanraj J.; Valliammai M.; Addanki S.; Vinodhkumar N.; Gulothungan G.; Rishav R.	All Fiber-Optic Ammonia Gas Sensor Using Few-Layer MoS2 Coated Side Polished Fiber	2023	2023 IEEE Workshop on Recent Advances in Photonics, WRAP 2023						Conference paper
1041	Balakrishna N.; Mukesh Krishnan M.B.; Reddy S.M.; Irfan S.K.; Sumaiya S.	AUTISM Spectrum Disorder Detection Using Machine Learning	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				1645	1650	Conference paper
1042	Naseeba B.; Sai P.H.R.; Karthik B.V.P.; Chitteti C.; Sai K.; Avanija J.	Toxic Comment Classification	2023	Lecture Notes in Networks and Systems	647 LNNS			872	880	Conference paper
1043	Neelima K.; Padma C.; Nalini C.; Balaji M.	FIR Filter design using Urdhva Triyagbhyam based on Truncated Wallace and Dadda Multiplier as Basic Multiplication Unit	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				434	438	Conference paper
1044	Depuru S.; Santhi K.; Amala K.; Sakthivel S.; Sivanantham S.; Akshaya V.	Deep Learning-based Malware Classification Methodology of Comprehensive Study	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				322	328	Conference paper
1045	Vijaya Kishore V.; Kalpana V.; Jayalakshmi M.	Modified Support Vector Machine to Improve Diabetic Disease Prediction	2023	Proceedings of IEEE InC4 2023 - 2023 IEEE International Conference on Contemporary Computing and Communications						Conference paper
1046	Sagaya Raj G.; Krupakaran R.L.; Natarajan M.; Pasupuleti T.; Jeyaseelan T.	Unlocking the Potential of Water-Blended Karanji Ester and EGR in CI Engines: A Micro-Explosion Effect Investigation	2023	SAE Technical Papers						Conference paper
1047	Varalaxmi G.; Baddam S.R.; Yalamarathi E.S.; Swaraja K.; Madhavi K.R.; Sujatha C.	Diagnosis of Gastrointestinal Diseases Using Modern CNN Techniques	2023	2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023						Conference paper
1048	Tarigonda H.; Anjaneyulu B.; Raghurami Reddy R.; Narasimhamu K.L.	Optimization of performance and emission characteristics of a diesel engine in dual-fuel mode with LPG using adaptive-neuro fuzzy inference system model	2023	Materials Today: Proceedings						Article
1049	Dharani N.P.; Sujatha G.; Rani R.	Blood Cancer Detection Using Improved Machine Learning Algorithm	2023	Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023				1136	1141	Conference paper
1050	Arun V.; Prabhu S.; Stonier A.A.; Shanthi B.	Design of Novel Structure Nine Level Trinary Source Inverter	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				175	178	Conference paper
1051	Likhitha K.; Hitaishi M.; Arshad K.; Arun V.; Prabhu S.; Shanathi B.	Modular Seven Level Inverter (M7LI) with Level Shifted Variable Frequency Control	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				509	513	Conference paper
1052	Bharathi M.; Sai G.A.; Sree B.D.; Bharadwaj Karthik K.; Naik B.U.K.; Shirur Y.J.	Designing 64-Bit LUT based FFT Structure for High-Speed DSP Applications	2023	Proceedings - 2023 12th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2023				31	34	Conference paper
1053	Joseph B.M.; Baseer K.K.	IoT-Sensed Data for Data Integration Using Intelligent Decision-Making Algorithm Through Fog Computing	2023	Lecture Notes in Networks and Systems	689 LNNS			463	476	Conference paper
1054	Kallam S.; Veerender A.; Shilpa K.; Reddy K.R.; Madhavi K.R.; Narasimharao J.	The Adaptive Strategies Improving Design in Internet of Things	2023	Lecture Notes in Networks and Systems	612			691	699	Book chapter
1055	Akuthota K.; Ganesh A.; Reddy A B.; Depuru S.	Machine Learning Models for Classification of Sensitive Financial Documents	2023	5th IEEE International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCMLA 2023				334	340	Conference paper

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1056	Aparna Y.; Somasekhar G.; Bhaskar N.; Raju K.S.; Divya G.; Madhavi K.R.	Analytical Approach for Soil and Land Classification Using Image Processing with Deep Learning	2023	2023 2nd International Conference for Innovation in Technology, INOCON 2023						Conference paper
1057	Das P.; Pratyusha N.; Mandal S.	New 4D Chaotic System with Infinite Equilibrium and Secure Colour Image Encryption	2023	5th International Conference on Energy, Power, and Environment: Towards Flexible Green Energy Technologies, ICEPE 2023						Conference paper
1058	Ghamya K.; Yadav C.C.; Pranav D.V.S.; Reddy Madhavi K.; Patel A.	Metaverse: The Potential Threats in the Virtual World	2023	Lecture Notes in Networks and Systems	606			59	67	Conference paper
1059	Balamanikandan A.; Suresh K.; Gnanaprakasam D.; Saranya K.	VLSI Implementation of Area-Error Optimized Compressor-Based Modified Wallace Tree Multiplier	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				353	358	Conference paper
1060	Vidyaranya B.; Mishra A.K.; Eswar Reddy O.	Challenges executing deep foundations in metros and hydro power projects	2023	Smart Geotechnics for Smart Societies				1283	1289	Book chapter
1061	Thandapani K.; Nagarajan P.; Pappa C.K.; Ashokkumar N.	MEMS Sensor Based V2V Communication Using Li-Fi Technology	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1370	1374	Conference paper
1062	Natarajan M.; Pasupuleti T.; Kiruthika J.; Sagaya Raj G.; Krishnamachary P.C.; Kotapati G.	Machinability Investigations on Wire Electrical Discharge Machining of Inconel 625 by Taguchi Based Grey Approach	2023	SAE Technical Papers						Conference paper
1063	Venkatarao J.; Deeban Chakravarthy V.; Ramya S.; Siva Prasad V.; Cherukuvada S.; Soujanya A.	A Machine Learning Method for Detecting Behavior-Based Malware	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				410	414	Conference paper
1064	Arun V.; Sundaramoorthy P.; Shanthi B.	A Dual DC Link Novel Nine-Level Inverter (N9LI) With Reduced Components and On-State Switches Un nouvel onduleur à neuf niveaux à double liaison CC (N9LI) Avec des composants réduits et des commutateurs d’état	2023	IEEE Canadian Journal of Electrical and Computer Engineering				1	10	Article
1065	Ganesh D.; Kumar M.K.; Varsha J.; Naik K.J.; Pranusha K.; Mallika J.	Implementation of Novel Test Rank Algorithm for Effective Text Summarization	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1066	Aylapogu P.K.; Badita K.; Geetha P.; Sama N.	Design and Implementation of 4-bit High Speed Array Multiplier for Image Coding	2023	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	470 LNICST			382	389	Conference paper
1067	Kumar A.P.; Krishna M.V.; Srilatha N.; Mohsin M.; Praveena H.D.; Yedukondalu U.	A Low Power and Reduced Delay SRAM Cell for Biomedical Applications	2023	2023 International Conference on Data Science and Network Security, ICDSNS 2023						Conference paper
1068	Kumaraswamy I.; Prasanth B.V.; Prabhu S.	Comparison of TCSC and Fuel Cell with Optimal Placement of PMU for Voltage Stability Analysis	2023	Journal of Engineering Science and Technology Review	16	3		28	35	Article
1069	Neelima K.; Meruva K.R.; Subhas C.	Image Fusion using Xilinx System Generator for MRI and CT Medical Image Modalities	2023	2023 International Conference on Emerging Smart Computing and Informatics, ESCI 2023						Conference paper
1070	Ramesh S.; Madhaiyan V.; Arun V.	Evaluating the Effectiveness of the TAR Pulse Width Modulation Strategy for a 7-Level Inverter with Non-Uniform Source Voltages	2023	2023 1st International Conference on Advances in Electrical, Electronics and Computational Intelligence, ICAEECI 2023						Conference paper
1071	Kalpana V.; Vijaya Kishore V.; Satyanarayana R.V.S.	MRI and SPECT Brain Image Analysis Using Image Fusion	2023	Lecture Notes in Networks and Systems	588			571	586	Conference paper
1072	Natarajan M.; Pasupuleti T.; Palanisamy D.; Kumar V.; Kiruthika J.; Polanki V.	Investigations on Wire Electrical Discharge Machining of Magnesium Alloy for Automobile Parts	2023	SAE Technical Papers						Conference paper
1073	Pasupuleti T.; Natarajan M.; Katta L.N.; Somsole L.N.; Kiruthika J.; Silambarasan R.	Machinability Investigations on Ti-6Al-4V (Grade 5) Wire Electrical Discharge Machining Using Taguchi Method for Auto Parts	2023	SAE Technical Papers						Conference paper
1074	Arun V.; Prabhu S.; Reddy S.S.K.; Kalaimagal V.	Performance Evaluation of Variable Frequency Binary DC Source Multi-Level Inverter	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				143	146	Conference paper
1075	Alamanda S.; Prathima T.; Rajesh Kannan K.; Supreeth Reddy P.	Genetic Disorder Prediction Using Machine Learning Techniques	2023	Artificial Intelligence and Knowledge Processing: Improved Decision-Making and Prediction				145	156	Book chapter
1076	Rayapati N.; Reddy Madhavi K.; Anantha Natarajan V.; Goundar S.; Tangudu N.	Face Mask Detection Using Multi-Task Cascaded Convolutional Neural Networks	2023	Lecture Notes in Networks and Systems	606			521	530	Conference paper
1077	Rafi N.; Monikarchana Y.; Bandaru R.; Iampan A.	On Prime E-ideals of Almost Distributive Lattices	2023	International Journal of Analysis and Applications	21		85			Article
1078	Bharathiraja N.; Hariprasad S.; Sakthivel M.; Deepa T.	Design and Implementation of IoT-based Programmable Assistive Intelligent Adaptive Pillbox	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference paper

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1079	Basi Reddy A.; Michael Mahesh K.; Prabha M.; Selvan R.S.	Design and implementation of A Bio-Inspired Robot Arm: Machine learning, Robot vision	2023	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023						Conference paper
1080	Basi Reddy A.; Suresh Reddy B.V.; Nandam A.D.; Naresh K.; Depurru S.; Sakthivel M.	Sentimental Analysis of Movie Reviews Using NLP Techniques	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				713	720	Conference paper
1081	Kadam J.J.; Inbalatha K.; Naidu B.V.V.; Hasamnis M.A.	Simulation and Assessment of Sensor Technologies in Automotive Frontal Airbag Systems using LS-DYNA	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				555	561	Conference paper
1082	Raju R.; Paramasivam S.; Tat T.K.; Manikandan N.; Giridhar D.; Thejasree P.	Trends in medical equipment engineering for additive manufacturing in the industry 4.0 era	2023	Medical Equipment Engineering: Design, manufacture and applications				219	246	Book chapter
1083	Jyothsna V.; Sandhya E.; Swetha T.; Lokesh Kumar Reddy P.; Jyothsna B.; Bhasha P.	Deep Learning Model for Intrusion Detection in SDN Networks	2023	2023 1st International Conference on Optimization Techniques for Learning, ICOTL 2023 - Proceedings						Conference paper
1084	Balaji K.; Karim S.; Naidu N.G.; Venkatesh T.; Ranjitha P.V.; Chandrasekhar S.	Examining the Potential of Cryptocurrencies as An Asset Class-An Empirical Study	2023	International Conference on Applied Intelligence and Sustainable Computing, ICAISC 2023						Conference paper
1085	Bompem G.; Chiluka N.; Pandluri D.	Effective Twitter Sentiment Analysis Using Deep Belief Network with Enhanced Dragonfly Optimization Algorithm	2023	International Journal of Intelligent Engineering and Systems	16	2		64	73	Article
1086	Kovuri K.; Chandrashekhar K.; Sriharsha A.V.; Siddardha B.; Reddy A.H.	Adaptable Fog Computing Framework for Healthcare 4.0	2023	Lecture Notes in Networks and Systems	648 LNNS			24	32	Conference paper
1087	Madhaiyan V.; Murugesan R.; Sivasubramanian G.; Muniyan V.; Arun V.; Prabhu S.	Sixty Degree PWM Controlled 7-Level Inverter Utilizing Binary Input	2023	2023 1st International Conference on Advances in Electrical, Electronics and Computational Intelligence, ICAEECI 2023						Conference paper
1088	Nagajyothi G.; Kumar G.P.; Kumar B.S.; Kumar B.P.D.; Damodaram A.K.	High-Speed Low Area 2D FIR Filter Using Vedic Multiplier	2023	Lecture Notes in Networks and Systems	612			569	578	Book chapter
1089	Krishnamoorthy R.; Kaliyamurthie K.P.; Ahamed B.S.H.S.; Harathi N.; Selvan R.S.	Multi Objective Evaluator Model Development for Analyze the Customer Behavior	2023	2023 3rd International Conference on Advancement in Electronics and Communication Engineering, AECE 2023				640	645	Conference paper
1090	Sudhakara M.; Vijaya Shambhavi Y.; Obulakonda Reddy R.; Badrinath N.; Reddy Madhavi K.	Fish Classification System Using Customized Deep Residual Neural Networks on Small-Scale Underwater Images	2023	Smart Innovation, Systems and Technologies	315			327	337	Conference paper
1091	Farook S.; Hema Sekhar A.; Balaji Nanda Kumar Reddy K.; Kumar N.M.G.; Deepa S.	Fuzzy Based Intelligent Control Strategy to Mitigate Power Quality Issues in an Interconnected PV System	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				1602	1607	Conference paper
1092	Babu A.J.; Reddy G.S.; Neelakantan P.; Deepak S.	Cotton Crop Disease Detection Using DL Techniques	2023	3rd IEEE International Conference on ICT in Business Industry and Government, ICTBIG 2023						Conference paper
1093	Vinod S.; Balaji M.; Rudhra S.; Prabhu S.	SOLAR POWERED DC ARC WELDING MACHINE – AN INITIATIVE TOWARDS EFFICIENT AND SUSTAINABLE ENERGY	2023	Journal of Environmental Protection and Ecology	24	3		888	894	Article
1094	Narendra Kumar Rao B.; Balasubramanian R.; Wang S.-J.; Nayak R.	Preface	2023	Smart Innovation, Systems and Technologies	315			ix	x	Editorial
1095	Chakradhar K.S.; Kumar B.A.; Gottimukkala A.R.; Prasad G.N.R.	Determine the Blood Group by using Image Processing and Machine Learning	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				306	308	Conference paper
1096	Bharathi M.; Dharani M.; Krishnamoorthy T.V.; Prasad D.	IOT-BASED INFANT CRADLE MONITORING SYSTEM	2023	Blockchain Technology for IoT and Wireless Communications				133	143	Book chapter
1097	Pasupuleti T.; Natarajan M.; Balamurugan R.; Krishnamachary P.C.; Katta L.N.; Kiruthika J.	Application of Taguchi Based ANFIS Approach in Wire Electrical Discharge Machining of Haste Alloy C276 for Automobile Applications	2023	SAE Technical Papers						Conference paper
1098	Venkateswarulu N.; Sunil Kumar Reddy P.; Obulesu O.; Suresh K.	The Adaptive Strategies Improving Digital Twin Using the Internet of Things	2023	Smart Innovation, Systems and Technologies	315			439	445	Conference paper
1099	Anitha C.; Rani R.; Srinivas V.; Rangnekar S.; Dalvi O.H.	Blockchain in Psychological Health: The Future of Medical Records	2023	Journal for ReAttach Therapy and Developmental Diversities	6	SpecialIssue1		93	104	Article
1100	Yazhinian S.; Navaz K.; Soruban S.; Purushotham N.	RL Based Queue Selection Algorithm for Input Queued Switches: A Theoretical Approach	2023	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023						Conference paper
1101	Rani S.D.; Burra L.R.; Kalyani G.; Rao N.K.B.	Edge Intelligence with Light Weight CNN Model for Surface Defect Detection in Manufacturing Industry	2023	Journal of Scientific and Industrial Research	82	2		178	184	Article

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1102	Manikandan P.; Vasugi V.; Prem Kumar V.; Duraimurugan S.; Sankar M.; Chithambar Ganesh A.; Senthil Kumaran G.	A Neural Network-Based Prediction of Superplasticizers Effect on the Workability and Compressive Characteristics of Portland Pozzolana Cement-Based Mortars	2023	Advances in Materials Science and Engineering	2023		2605414			Article
1103	Venkateswara Reddy L.; Davanam G.; Pavan Kumar T.; Sunil Kumar M.; Narender M.	Bio-Inspired Firefly Algorithm for Polygonal Approximation on Various Shapes	2023	Smart Innovation, Systems and Technologies	315			95	107	Conference paper
1104	Parimalasundar E.; Jayakumar S.; Devaraju T.; Chandrika V.S.	Performance Analysis of a Seven-Level Multilevel Inverter in Grid-Connected Systems	2023	SSRG International Journal of Electrical and Electronics Engineering	10	6		9	22	Article
1105	Sachuthananthan B.; Vinoth R.; Padmaja N.; Sachidananda K.B.; Kanna Kumar J.	Influence of nano additive blended watermelon seed biodiesel on the performance and exhaust emissions of a VCR compression ignition engine	2023	Journal of Physics: Conference Series	2604	1	12008			Conference paper
1106	Damodaram A.K.; Reddy L.V.; Giri M.; Manikandan N.	A Study On'LPWAN' Technologies for A Drone Assisted Smart Energy Meter System in 5g-smart City lot-cloud Environment	2023	Journal of Applied Science and Engineering	26	8		1197	1205	Article
1107	Avanija J.; Ramji B.; Prabhu A.; Maheswari K.; Vittal R.H.S.; Jagannadham D.B.V.; Kumar V.N.	Interpretation of Brain Tumour Using Deep Learning Model	2023	Lecture Notes in Networks and Systems	606			347	355	Conference paper
1108	Ashokkumar N.; Kabilamani P.; Manimaran B.; Nagarajan P.; Swetha N.	FPGA Implementation of Image Registration Using Accelerated CNN	2023	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023						Conference paper
1109	Jha A.V.; Teri R.; Verma S.; Tarafder S.; Bhowmik W.; Kumar Mishra S.; Appasani B.; Srinivasulu A.; Philibert N.	From theory to practice: Understanding DevOps culture and mindset	2023	Cogent Engineering	10	1	2251758			Review
1110	Arun V.; Prabhu S.; Stonier A.A.; Prabakaran N.	Novel Multilevel Inverter with New Altered Carrier PWM Method	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				112	117	Conference paper
1111	Sharada K.A.; Swathi R.; Basi Reddy A.; Selvan R.S.; Sivaranjani L.	A New Model for Predicting Pandemic Impact on Worldwide Academic Rankings	2023	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023						Conference paper
1112	Natarajan M.; Pasupuleti T.; Kiruthika J.; Kumar V.; Palanisamy D.; Polanki V.	Optimization of Spark Erosion Machining of Monel 400 Alloy for Automobile Applications	2023	SAE Technical Papers						Conference paper
1113	Sharad G.; Nandedkar V.; Dharmalingam G.; Salunkhe S.; Tarigonda H.	Effect of presence of holes locations and size on spring back in U bent components	2023	Materials Today: Proceedings						Article
1114	Palanisamy D.; Gnanarathinam A.; Pasupuleti T.; Natarajan M.; Kiruthika J.; Polanki V.	A Comparative Analysis on Corrosion Behavior on Precipitation Hardened Stainless Steel Weldments for Car Parts	2023	SAE Technical Papers						Conference paper
1115	Kumar B.H.; Bakka V.; Suresh B.; Chandrikax V.S.; Janardhan K.; Kumar R.S.	A New Fault Tolerant Five-Level Multilevel Inverter for Critical Loads	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference paper
1116	Palei N.N.; Krishnan S.N.; Jayaraman R.; Reddy S.H.; Balaji A.; Samanta M.K.; Mohanta B.C.	Green Synthesis of Silver Nanoparticles of Vernonia cinerea Leaf Extract and their In vitro Cytotoxicity Activity against Neuroblastoma SHSY-5Y Cell Lines, Antimicrobial and Antioxidant Studies	2023	Recent Patents on Nanotechnology	17	3		270	280	Article
1117	Ashokkumar N.; Kavitha N.S.; Lakshmi M.; Vajravelu A.	A constant temperature control system for indoor environments in buildings using internet of things	2023	International Journal of Internet Protocol Technology	16	4		217	225	Article
1118	Murugalingam M.; Partheeban P.; Vasanthi P.; Raju H.P.; Christopher C.G.; Chokkalingam A.	Machine Learning Models for Structural Crack Trend Analysis	2023	2023 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2023						Conference paper
1119	Ashokkumar N.; Arun V.; Prabhu S.; Kalaimagal V.; Srinivasan D.; Shanthi B.	Design and Implementation of IoT based Energy Efficient Smart Metering System for Domestic Applications	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1208	1212	Conference paper
1120	Rao B.R.; Chakradhar K.S.; Satyanarayana M.; Sriharsha A.V.; Nataraj D.	Design of a Compact Low-Profile Ultra Wideband Antenna (UWB) for Biomedical Applications	2023	Lecture Notes in Networks and Systems	649 LNNS			904	914	Conference paper
1121	Naseeba B.; Haranath A.P.S.; Pamarthi S.P.; Farook S.; Bhanu B.B.; Rao B.N.K.	Cardiac Anomaly Detection Using Machine Learning	2023	Lecture Notes in Networks and Systems	647 LNNS			862	871	Conference paper
1122	Arun V.; Stonier A.A.; Prabhu S.; Peter G.	Advanced PWM Scheme For 15 Level Binary Source (1:2:4) Inverter	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				408	412	Conference paper
1123	Bharathiraja N.; Sakthivel M.; Deepa T.; Hariprasad S.; Ragasudha N.	Design and Implementation of Selection Algorithm based Human Emotion Recognition System	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				1348	1353	Conference paper
1124	Hemanth Kumar B.; Rajasekhar G.G.; Reddy R.; Lakshmikanth Reddy M.; Parimalasundhar E.; Kadam D.P.	Switched Capacitor based Multi Output DC-DC Converter for Low Voltage Applications	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				7	11	Conference paper

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1125	Anchupogu P.; Krupakaran R.L.; Ganipineni J.R.; Petla R.K.	"performance Emission Parameters Behavior of a di Diesel Engine Using Al2O3and TiO2Nano Additive Biodiesel Blends"	2023	SAE Technical Papers						Conference paper
1126	Manikandan K.; Sasikumar S.; Arulraj R.	Investigation on CEED-RES Problem Using Modified Lagrange Method	2023	Distributed Generation and Alternative Energy Journal	38	1		319	342	Article
1127	Manohara M.; Veera Reddy V.C.; Vijaya Kumar M.	Power Quality Improvement of Solar PV System With Shunt Active Power Filter Using FS-MPC Method	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
1128	Praveena H.D.; Subhas C.; Naidu K.R.	Improved Artificial Bee Colony Based Feature Selection for Epileptic Seizure Detection	2023	International Journal of Intelligent Engineering and Systems	16	3		332	344	Article
1129	Prabagar S.; Reddy C.S.; Ravindra Murthy C.; Kumar G.H.	Cloud based Location Tracking and Controlling Parameters System Implementation for Armed Forces in the War field	2023	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023				471	475	Conference paper
1130	Ashokkumar N.; Arun V.; Prabhu S.; Kalaimagal V.; Srinivasan D.; Shanthi B.	Monitoring and Warning of Flooding Conditions Using IoT Based System	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1199	1203	Conference paper
1131	Thillai Manjari T.; Chakravarthi S.S.; Sountharajan S.; Rao B.N.K.; Suganya E.; Nivaashini M.	Sparsely Supervised Learning for Medical Image Classification on Noisy Heterogeneous Data	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				1617	1621	Conference paper
1132	Madhavi K.R.; Vooradi S.; Mounika P.; Yedlla S.; Tangudu N.	Emotion Analysis Using Convolutional Neural Network	2023	Lecture Notes in Networks and Systems	612			523	531	Book chapter
1133	Kongala L.; Shilpa T.; Reddy Madhavi K.; Ghantasala P.; Kallam S.	Applying Machine Learning to Enhance COVID-19 Prediction and Diagnosis of COVID-19 Treatment Using Convalescent Plasma	2023	Smart Innovation, Systems and Technologies	315			479	489	Conference paper
1134	Satyam; Gireesh N.; Damodaram D.; Venkataramanan C.	Design and Performance Enhancement of DGS Based Planar Antenna for UWB Wireless Communication	2023	IEEE 1st International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics, AIKIE 2023						Conference paper
1135	Srirangam D.P.; Hemalatha K.; Vajravelu A.; Ashok Kumar N.	Safety and Security Issues in Employing Drones	2023	Advanced Sciences and Technologies for Security Applications	Part F1307			103	131	Book chapter
1136	Shenbaga Moorthy R.; Arul R.; Kannan K.; Kothandaraman R.	Prediction of Dementia Using Whale Optimization Algorithm Based Convolutional Neural Network	2023	Lecture Notes in Electrical Engineering	998 LNEE			279	289	Conference paper
1137	Gokulkumari G.; Ravichand M.; Nagpal P.; Vij R.	Analyze the political preference of a common man by using data mining and machine learning	2023	2023 International Conference on Computer Communication and Informatics, ICCCI 2023						Conference paper
1138	Jyothsna V.; Sandhya E.; Roopa R.; Deena Divya Nayomi B.; Shareef D.K.; Bhasha P.	Intrusion Detection System for IoT Networks	2023	2023 1st International Conference on Optimization Techniques for Learning, ICOTL 2023 - Proceedings						Conference paper
1139	Gangula R.; Jagadeesh Kumar G.; Anand S.; Krishna Prasad A.V.	Integration of dynamic Docker containers and kubernetes with advanced cloud and Internet of Things	2023	Materials Today: Proceedings	80			3476	3480	Article
1140	Saahithi S.; Hemanth Kumar B.; Jyotheeswara Reddy K.; Dash R.; Subburaj V.	Four Speed Auto Transmission DC-DC Converter Control for E-Vehicle and Regenerative Braking Based on Simulation and Model Investigation	2023	Distributed Generation and Alternative Energy Journal	38	3		987	1006	Article
1141	Harish Babu D.; Naidu K.K.; Deo S.; Satya Narayana P.V.	Impacts of inclined Lorentz forces on hybrid CNTs over an exponentially stretching sheet with slip flow	2023	International Journal of Modelling and Simulation	43	3		310	324	Article
1142	Swetha K.; Ishaq Shareef C.; Sreenivasulu G.; Baseer K.K.; Jahir Pasha M.	Study on Implementation of Electronic Health Records using Blockchain Technology	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				607	611	Conference paper
1143	Suneetha K.; Challa K.; Avanija J.; Raparathi Y.; Kallam S.	Comparative Analysis on Heart Disease Prediction Using Convolutional Neural Network with Adapted Backpropagation	2023	Smart Innovation, Systems and Technologies	315			465	477	Conference paper
1144	Kumar Rao B.N.; Ranjana R.; Panini Challa N.; Sreenivasa Chakravarthi S.	Convolutional Neural Network Model for Traffic Sign Recognition	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				120	125	Conference paper
1145	Parimalasundar E.; Cheepati K.R.; Kamalkumar V.; Suresh K.; Devaraju T.; Kumar B.H.	Efficient Power Conversion in Single-Phase Grid-Connected PV Systems through a Nine-Level Inverter	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				1	6	Conference paper
1146	Kumar V.S.; Balamurugan R.; Pasupuleti T.; Natarajan M.	Design, Modelling and Simulation of Adaptable Marine and Terrestrial Cleaner	2023	SAE Technical Papers						Conference paper
1147	Manohara M.; Veera Reddy V.C.; Vijaya Kumar M.	A Combination of Appropriate Placement and size of Multiple FACTS Controllers to reduce Voltage Sag and Swell	2023	International Journal of Electrical and Electronics Research	11	3		720	727	Article

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1148	Satyam; Damodaram D.; Sundar S.; Kumar N.A.	Unveiling the Metaverse: A Paradigm Shift in the Future of Internet Interaction	2023	Proceedings of IEEE 2023 5th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2023						Conference paper
1149	Pydala B.; Reddy N.P.R.; Rama Mohan C.; Sandhya E.; Jyothsna V.; Khaja Baseer K.	Intrusion Detection using HRO with Ensemble Learning Models and Comparison	2023	2023 1st International Conference on Optimization Techniques for Learning, ICOTL 2023 - Proceedings						Conference paper
1150	Chalapathi T.; Naidu K.K.; Babu D.H.; Smarandache F.	Theory on Duplicity of Finite Neutrosophic Rings	2023	Neutrosophic Sets and Systems	55			203	215	Article
1151	Singh R.; Javali A.; Priya S.; Vardhana Naidu B.V.; Gautam G.	Development and Innovations in Wearable Sensors and Devices for Human Machine Interaction in Virtual Platform	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				1811	1816	Conference paper
1152	Mukhopadhyay A.K.; Sarapure S.; Maiti P.	Advanced tape cast multilayer thin ceramics and composites with inelastic failure behaviors for damage-resistant applications	2023	Advanced Flexible Ceramics: Design, Properties, Manufacturing, and Emerging Applications				391	410	Book chapter
1153	Ashokkumar N.; Nagarajan P.; Krishnamurthy M.; Kavitha V.P.; Swetha N.	VLSI Architecture of Time-Mode Pulse Width Modulation First Order Low-Pass Filter	2023	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023						Conference paper
1154	Usharani S.; Subbaraj R.; Muralidhar A.; Rajakumaran G.; Depuru S.K.; Nandam S.	Improvised Schinder Model for Anaesthesia Drug Delivery in Obese Patients with Optimized Infusion Rate and Patient Safety	2023	International Journal of Engineering Trends and Technology	71	9		256	264	Article
1155	Mohith V.; Patnala M.; Veeramachaneni S.; Noor Mohammad S.K.	Precise Multiplier Design using Novel 4:2 Compressor	2023	2023 International Conference on Computer, Electronics and Electrical Engineering and their Applications, IC2E3 2023						Conference paper
1156	Hima Bindu G.B.; Ramani K.; Shoba Bindu C.	QOS Enhanced Energy Aware Task Scheduling Models in Cloud Computing	2023	Studies in Computational Intelligence	1098			145	164	Book chapter
1157	Ranjana R.; Kumar Rao B.N.; Raja J.; Challa N.P.; Madhavi K.R.	Machine learning and computer vision - beyond modeling, training, and algorithms	2023	Explainable Artificial Intelligence (XAI): Concepts, enabling tools, technologies and applications				293	307	Book chapter
1158	Venkatramana P.; Nagarajan P.; Basha S.J.	Design of Three-valued Logic Half-Subtractor using GNRFET	2023	2023 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2023						Conference paper
1159	Vajravelu A.; Ashok Kumar N.; Sarkar S.; Degadwala S.	Security Threats of Unmanned Aerial Vehicles	2023	Advanced Sciences and Technologies for Security Applications	Part F1307			133	164	Book chapter
1160	Sreenivasulu K.; Sowjanya B.; Motupalli V.R.; Yadav S.H.; Baseer K.K.; Pasha M.J.	Prediction of Flight Delay through Intelligent Algorithms and Big Data Technology	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023				1074	1080	Conference paper
1161	Umashankar G.; Hari Krishnan G.; Sudhakar T.; Mohandass G.; Devaraju T.; Devika V.; Shaina Banu S.	Eye Blink Based Biometric Authentication System	2023	Proceedings of the 9th International Conference on Biosignals, Images, and Instrumentation, ICBSII 2023						Conference paper
1162	Pala V.C.R.; Kamatagi S.; Jangiti S.; Swaraja K.; Madhavi K.R.; Kumar G.N.	Yoga Pose Recognition with Real time Correction using Deep Learning	2023	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings				387	393	Conference paper
1163	Challa N.P.; Madhavi K.R.; Naseeba B.; Bhanu B.B.; Naresh C.	Sentiment Analysis from TWITTER Using NLTK	2023	Lecture Notes in Networks and Systems	647 LNNS			852	861	Conference paper
1164	Chalapathi T.; Kumaraswamy Naidu K.; Harish Babu D.	Enumeration of Neutrosophic Involutions over Finite Commutative Neutrosophic Rings	2023	Neutrosophic Sets and Systems	58			125	138	Article
1165	Aylapogu P.K.; Jayalakshmi A.; Praveena H.D.; Kalivaraprasad B.	A Comparative Study of Power Optimization Using Leakage Reduction Techniques	2023	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	470 LNICST			362	381	Conference paper
1166	Perumal B.; Suresh K.; Parimalasundar E.	Fault analysis in the 5-level multilevel NCA DC–AC converter	2023	Automatika	64	3		606	612	Article
1167	Maheswari K.; Ravi Chandra M.L.; Reddy D.S.; Kishore V.V.	Design of Three-valued Logic Based Adder and Multiplier Circuits using Pseudo N-type CNTFETs	2023	International Journal of Electrical and Electronics Research	11	2		518	522	Article
1168	Dey R.; Samanta P.K.; Chokda R.P.; De B.P.; Appasani B.; Srinivasulu A.; Philibert N.	Graphene-based electrodes for ECG signal monitoring: Fabrication methodologies, challenges and future directions	2023	Cogent Engineering	10	1	2246750			Review
1169	Bharathi M.; Shirur Y.J.M.	VLSI Synthesis of Multiply and Accumulate Structures Using Distributed Arithmetic	2023	Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023				166	169	Conference paper
1170	Arunkumar K.; Muthukannan M.; Suresh Kumar A.; Chithambar Ganesh A.; Kanniga Devi R.	Incorporation of Waste Wood Ash and Polypropylene Fibre on the Production of Sustainable GPC	2023	Lecture Notes in Civil Engineering	277			693	707	Conference paper

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1171	Balamurugan J.; Subramanyam N.; Mani D.S.; Basi Reddy A.	Evaluation of Natural Language Used to Software Engineer based on Chatbot	2023	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023						Conference paper
1172	Lalitha M.P.; Reddy N.S.; Narasimhamu K.L.; Suneetha I.	Machines, Tools and Tool Transporter Concurrent Scheduling in Multi-machine FMS with Alternative Routing Using Symbiotic Organisms Search Algorithm	2023	Journal of Harbin Institute of Technology (New Series)	30	6		35	61	Article
1173	Daram S.B.; Golla N.; Angadi R.V.; Bandam R.; Vijayalakshmi K.A.; Sesiprabha K.	Application of Blockchain Technology for Power System Security using Condition Number	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				46	50	Conference paper
1174	Krupakaran R.L.; Ratnakamala P.; Lakshmi Kala K.; Vidyasagar Reddy G.; Raghurami Reddy D.; Hariprasad T.; Saravanan V.	Optimization and performance characteristics of low heat rejection engine powered by mahua bio diesel by Taguchi technique	2023	Materials Today: Proceedings						Article
1175	Balamurugan R.; Kumar V.S.; Pasupuleti T.; Deepan Kumar S.	Design and Investigation of Automatic Trash Collecting Machine for Industry	2023	SAE Technical Papers						Conference paper
1176	Farook S.; Kumar M.K.; Sekhar A.H.; Reddy K.B.N.K.	A Fuzzy Logic-Based Control Strategy for Power Balance and Enhance Power Quality in a Grid-Tied PV System	2023	2023 3rd International Conference on Intelligent Technologies, CONIT 2023						Conference paper
1177	Singh M.; Rai A.K.; Vamsi Krishna G.; Dileep Kumar Y.; Mishra R.; Kothandaraman D.	Machine Learning and AI based Robotic System for Archaeological Research	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				48	52	Conference paper
1178	Mekala A.; Baishya B.K.; Rao K.T.V.; Vidhate D.A.; Drave V.A.; Prasanth P.V.	Big Data and Machine Learning Framework for Temperature Forecasting	2023	EAI Endorsed Transactions on Energy Web	10					Article
1179	Sumithara A.; Chitra S.; Kumar N.M.G.; Ramya D.; Ravikumar K.	Implementation of Fuzzy Logic for Controlling the Recharge Rate Electric Vehicles and Minimizing Losses in the Electric Power System	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				289	295	Conference paper
1180	Rajesh R.; Chinthamu N.; Rani S.; Mahendra Kumar B.; Sivaiah B.V.	Development of Powered Chatbots for Natural Language Interaction in Metaverse using Deep Learning with Optimization Techniques	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				534	539	Conference paper
1181	Venkatakrishnamoorthy T.; Srinivas B.; Dharani M.; Krishna S.V.; Reddy Y.D.R.; Supriya P.	Design of Multi-Layer Protocol Architecture using Hybrid Optimal Link State Routing (HOLSR) Protocol for CR Networks	2023	International Journal on Recent and Innovation Trends in Computing and Communication	11			419	423	Article
1182	Chitambar Rao K.; Chakradhar K.S.; Nataraj D.; Ujwala G.V.; Rao C.R.; Dadi H.S.	Design and Development of a Unique Antenna for Numerous Applications of Satellite Communication Based on Aluminium, Nickel and Copper Materials	2023	International Journal on Communications Antenna and Propagation	13	5		277	287	Article
1183	Nithyasundari B.; Titus A.; Shri G.R.; Sowmiya G.; Sudhakar C.V.	Experimental Evaluation of Secured IRIS Recognition System using Learning Assisted Classification and Prediction Methodology	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1184	Vinoth S.; Rajasekar C.; Sathish P.; Sureshkumar V.; Yasminebegum A.; Hasane Ahammad S.; Girmurugan R.	Optimization of process parameters on wire cut electrical discharge machining and surface integrity studies of AA6070/MgO composites	2023	Journal of Physics: Conference Series	2484	1	12012			Conference paper
1185	Tarakaramu N.; Sivakumar N.; Tamam N.; Satya Narayana P.V.; Ramalingam S.	Theoretical analysis of Arrhenius activation energy on 3D MHD nanofluid flow with convective boundary condition	2023	Modern Physics Letters B			2341009			Article
1186	Rajagopal M.; Ali B.; Sharon Priya S.; Aisha Banu W.; Madhavi M.G.; Punamkumar	Machine Learning Methods for Online Education Case	2023	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023						Conference paper
1187	Baseer K.K.; Pasha M.J.; Jayasunitha M.; Swetha K.; Joseph B.M.	Bus Management System Through MEAN Technologies	2023	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCOIS 2023				170	175	Conference paper
1188	Nethani S.; Sivaranjani L.; Kumar M.A.; Lal B.; Tiwari M.	Recognition and Integration of AI with IoT for Innovative Decision Making Techniques in Cyber Physical Systems	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				190	195	Conference paper
1189	Vijayakumar A.; Stonier A.A.; Peter G.; Vignesh E.; Ganji V.	Machine learning based model predictive control for grid connected enhanced switched capacitor cross-connected switched multi-level inverter (ESC3SMLI)	2023	IET Power Electronics						Article
1190	Sheeba M.; Kumar D.R.; Kirubakaran S.; Dixit I.; Rani D.L.; Yadav A.S.	An Investigation and Development into the Use of AI-Based Analytical Methods for Forecasting the Stock Market	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				1303	1307	Conference paper
1191	Narayana Tinnaluri V.S.; Jyothi Babu A.; Shanmugaraja P.; Satheesh Kumar S.; Aditya H.	A Productive Model for Secured Data Sharing in Blockchain Technology based IoT	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1426	1431	Conference paper

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1192	Madhavi K.R.; Jarugula J.; Karuna G.; Kaleru S.; Raju K.S.; Sunitha G.	Bird Species Recognition Using Deep Transfer Learning	2023	Lecture Notes in Networks and Systems	606			473	479	Conference paper
1193	Kumari S.; Kumar V.; Sharmila A.; Murthy C.R.; Ahlawat N.; Manoharan G.	Blockchain Based E-Analysis of Social Media Forums for Crypto Currency Phase Shifts	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				1222	1225	Conference paper
1194	Santhosh B.J.; Benvin S.; Arvind R.; Aswini V.; Maranan R.; Thrinath B.V.S.	AI Based Electric Automobile Battery Drain Forecasting System	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				756	761	Conference paper
1195	Sasi Kiran J.; Avanija J.; Reddy A.R.; Naga Rama Devi G.; Charan N.S.; Fatima T.	Early Prediction of Sepsis Utilizing Machine Learning Models	2023	Smart Innovation, Systems and Technologies	370			319	327	Conference paper
1196	Chandel G.; Niwazi Qurashi S.; Bindu Madhavi N.; Madhu G.C.; Singh C.	Integration of IoT and cloud computing to manage the patient e- prescription	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1197	Reddy A.R.P.; Jweeg M.J.; Das S.; Kumar M.S.; Pant K.	The ANN Method for Better Living's Method of using Artificial Neural Networks to Predict Heart Attacks Caused by Anxiety Disorders	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				457	460	Conference paper
1198	Prabhu S.; Arun V.; Balaji M.; Kalaimagal V.; Manikandan A.; Chandrasekar V.	Finite Element Analysis on Interior Permanent Magnet Machine for Propulsion System	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			146			Conference paper
1199	Madhavi K.R.; Suneetha K.; Raju K.S.; Kora P.; Madhavi G.; Kallam S.	Detection of COVID 19 using X-ray Images with Fine-tuned Transfer Learning	2023	Journal of Scientific and Industrial Research	82	2		241	248	Article
1200	Basi Reddy A.; Harichandana B.; Misra S.; Nagendra K.V.; Anandaraj S.	Introduction of Virtual Environment with Learning Personalized Content Recommendation for Realistic Avatar Creation in Online Platform using Machine Learning	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				540	545	Conference paper
1201	Kumar S.; Joshitta R.S.M.; Rao D.D.; Harinakshi; Masarath S.; Waghmare V.N.	Storage Matched Systems for Single-Click Photo Recognition Using CNN	2023	2023 International Conference on Communication, Security and Artificial Intelligence, ICCSAI 2023				792	798	Conference paper
1202	Raju R.; Manikandan N.; Palanisamy D.; Thejasree P.; Satheesh Kumar P.; Mohammed Rizwan Ali P.; Sivakumar P.	The Influence of Machine Learning in Additive Manufacturing	2023	Lecture Notes in Mechanical Engineering				351	361	Conference paper
1203	Prabhu S.; Arun V.; Balaji M.; Kalaimagal V.; Manikandan A.; Chandrasekar V.	Electromagnetic Analysis on Interior Permanent Magnet Motor for Electrified Transportation Systems	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				163	168	Conference paper
1204	Vijayakumar A.; Stonier A.A.; Peter G.; Ganji V.	Dual source novel nine level inverter (DSN2LI) design with minimum active devices and inherent polarity generation	2023	IET Power Electronics						Article
1205	Challa N.P.; Mohan A.; Rao N.K.; Rao B.K.; Shyam Mohan J.S.; Balaji Bhanu B.	Automated Detection of Skin Lesions Using Back Propagation Neural Network	2023	Smart Innovation, Systems and Technologies	315			127	133	Conference paper
1206	Ashreetha B.; Dankan Gowda V.; Anandaram H.; Nithya B.A.; Gupta N.; Verma B.K.	IoT Wearable Breast Temperature Assessment System	2023	Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023				1236	1241	Conference paper
1207	Pradeep D.; Divya G.; Rajeshwari R.; Deepa R.; Satyanarayana T.V.V.	A Novel Evaluation of Cryptocurrency Future Price Prediction to Manage Fluctuations in Market by using Hybrid Learning Methodology	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1208	Sumathi V.; Vanathi D.; Musale J.C.; Gowtham Prasad T.V.S.; Singh A.R.	Improved Pattern Recognition Techniques for Monitoring Human Activity Recognition in Digital Platforms through Image Processing Techniques	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				866	871	Conference paper
1209	Usha R.; Selvan R.S.; Basi Reddy A.; Chandrakanth P.	Development of CNN Model to Avoid the Food Spoiling Level	2023	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023						Conference paper
1210	Prabhu S.; Arun V.; Balaji M.; Kalaimagal V.; Manikandan A.; Reddy B.M.	Investigations on Brushless DC Motors for Automotive Systems	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				138	142	Conference paper
1211	Parimalasundar E.; Jayakumar S.; Chandrika V.S.; Muthukaruppasamy S.; Devaraju T.; Suresh K.	Efficient Integration of Photovoltaic Cells with Multiport Converter for Enhanced Energy Harvesting	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				1590	1595	Conference paper
1212	Parimalasundar E.; Jayakumar S.; Nagajothi P.; Chandrika V.S.; Devaraju T.; Suresh K.	Enhanced Design and Performance Analysis of a Seven-Level Multilevel Inverter for High-Power Applications	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				1862	1868	Conference paper

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1213	Kumar K.V.R.; Devi B.R.; Sudhakara M.; Keerthi G.; Madhavi K.R.	AI-Based Mental Fatigue Recognition and Responsive Recommendation System	2023	Smart Innovation, Systems and Technologies	315			303	314	Conference paper
1214	Swathi R.; Liyaz P.; Swarnalatha S.; Akuthota K.; Reddy A B.; Depuru S.	Enhancing Lung Segmentation Through Preprocessing of Medical Data Using Convolutional Neural Networks	2023	5th IEEE International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCCMLA 2023				341	347	Conference paper
1215	Jena K.; Kumar D.; Kumar B.H.; Janardhan K.; Singh A.R.; Naidoo R.; Bansal R.C.	A Single DC Source Generalized Switched Capacitors Multilevel Inverter with Minimal Component Count	2023	International Transactions on Electrical Energy Systems	2023		3945160			Article
1216	Shereesha M.; Hemavathy C.; Teja H.; Reddy G.M.; Kumar B.V.; Sunitha G.	Precision Mango Farming: Using Compact Convolutional Transformer for Disease Detection	2023	Lecture Notes in Networks and Systems	649 LNNS			458	465	Conference paper
1217	Abdullah Hamad A.; Manikandan N.; Thejasree P.; Leelavathi R.; Senkumar M.R.; Jain S.K.	Mechanical Properties Test of Graphene Concrete Based on Fuzzy Control Algorithm	2023	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023				164	168	Conference paper
1218	Raja A.R.; Raghunandan K.R.; Dodmane R.; Dixit A.; Kumar M.S.; Kapila D.	Software Re-Engineering using Cloud Computing Platform	2023	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023				812	816	Conference paper
1219	Balakrishna C.; Sharada Mani D.; Basi Reddy A.; Chandrakanth P.; Selvan R.S.	Two-Stage Deep Learning - YouTube Video Recommendation Process	2023	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023						Conference paper
1220	Ashokkumar N.; Thandapani K.; Nagarajan P.; Kabilamani P.; Manimaran B.; Krishnamurthy M.	Reconfigurable Computer Architecture for Signal Processing Applications	2023	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023						Conference paper
1221	Rao B.N.K.; Ranjana R.; Challa N.P.; Chakravarthi S.S.; Vellingiri J.	Object Sub-Categorization and Common Framework Method using Iterative AdaBoost for Rapid Detection of Multiple Objects	2023	Journal of Scientific and Industrial Research	82	2		185	191	Article
1222	Manasa Mandalapu V.L.; Venkatramana P.; Misra N.; Pundir S.; Malathy V.; Arri H.S.	Future Wireless Networks'Adaptive Resource Allocation Using Blockchain and Mobile Edge Computing	2023	Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2023				2229	2234	Conference paper
1223	Kumar B.H.; Janardhan K.; Kumar R.S.; Rahul J.R.; Singh A.R.; Naidoo R.; Bansal R.C.	An Enhanced Space Vector PWM Strategies for Three Phase Asymmetric Multilevel Inverter	2023	International Transactions on Electrical Energy Systems	2023		5548828			Article
1224	Swapna Rani S.; Suganya V.; Selvi S.; Ashokkumar N.; Prema S.	An Automated Lion-Butterfly Optimization (LBO) based Stacking Ensemble Learning Classification (SELC) Model for Lung Cancer Detection	2023	Iraqi Journal for Computer Science and Mathematics	4	3		87	100	Article
1225	Koteswara Rao Devana V.N.; Basheera S.; Chakradhar K.S.; Phani Ponnappalli V.L.N.; Sekhar Reddy G.; Vishnu Vardhan G.	A Novel Dual Band Notched UWB Antenna for Wireless Applications	2023	2023 3rd International Conference on Artificial Intelligence and Signal Processing, AISP 2023						Conference paper
1226	Swathi B.; Kannan K.S.; Sreenivasa Chakravarthi S.; Ruthvik G.; Avanija J.; Chandra Mohan Reddy C.	Skin Cancer Detection using VGG16, InceptionV3 and ResUNet	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				812	818	Conference paper
1227	Katuri K.; Somalal J.; Kumar R.S.; Kumar B.H.; Chandrika V.S.; Kamal Kishore Y.	Monitoring and controlling of Solar Driven Real Time Smart Energy Management System Integrated with IoT Devices	2023	2023 2nd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2023				347	352	Conference paper
1228	Kothuri S.R.; Nivedita V.; Padmaloshani P.; Dharmateja M.; Chinnaraj A.; Sachidananda K.B.	Enhancing Pedestrian Safety in Autonomous Vehicles through Machine Learning	2023	International Conference on Sustainable Communication Networks and Application, ICSCNA 2023 - Proceedings				1587	1592	Conference paper
1229	Prabhu S.; Arun V.; Balaji M.; Kalaimagal V.; Manikandan A.; Chandrasekar V.	Performance Investigations on Synchronous Reluctance Motor for Automotive Applications	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			126			Conference paper
1230	Kumar Rao B.N.; Manthu R.; Kumar K.P.; Madhukar G.; Madhavi K.R.; Joshi G.	Speech Emotion Recognizer Using CNN	2023	5th IEEE International Conference on Cybernetics, Cognition and Machine Learning Applications, ICCCMLA 2023				34	36	Conference paper
1231	Srivastava B.; Sivakumar C.; Kumar P.; Maguluri L.P.	Faster Response Chemical Reaction Using Machine Learning	2023	2023 International Conference on Disruptive Technologies, ICDT 2023				214	219	Conference paper
1232	Dwivedi T.; Luthia M.; Swain P.C.; Ashokkumar N.; Lokesh L.	Influence of Innovative Healthcare Promotional Strategies on Human Physical Health & Mental Behaviour	2023	Journal for ReAttach Therapy and Developmental Diversities	6	6		173	183	Article
1233	Musala S.; Srinivasulu A.; Appasani B.; Ravariu C.	LOW POWER HIGH SPEED FinFET BASED DIFFERENTIAL ADDER CIRCUITS WITH PROPOSED CARRY/CARRYBAR STRUCTURES	2023	UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science	85	3		335	352	Article
1234	Sarada K.; Rajasekhar G.G.; Hemanth Kumar B.; Satheesh Kumar Reddy Y.; Vijayalakshmi A.K.; Yadav A.	Design of Efficient Power source for Electric Vehicle using Battery and Ultracapacitor	2023	IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems, ICAECIS 2023 - Proceedings				395	399	Conference paper

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1235	Babu D.V.S.; Gireesh N.; Chandra M.L.R.; Dilli R.	OPTIMIZATION OF CLUSTER HEAD SELECTION AND ENHANCING ENERGY EFFICIENCY IN WIRELESS SENSOR NETWORKS USING NOVEL METAHEURISTIC ALGORITHMS	2023	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	82	4		1	22	Article
1236	Rajasekhar A.; Peddanna K.; Vedasree N.; Sireesha Y.; Parthasarathi C.; Nagaraju N.; Rao C.A.	Asparagus gonocladus Baker (AGAF) Root Tubers Improve Glycemic Control and Hyperlipidemia in Streptozotocin-Induced Diabetic Rats	2023	Journal of Biologically Active Products from Nature	13	4		424	436	Article
1237	Narendra Kumar Rao B.; Pranitha K.; Ranjana; Krishnaveni C.V.; Chakkaravarthy M.	Text Recognition from Images Using Deep Learning Techniques	2023	Smart Innovation, Systems and Technologies	315			265	279	Conference paper
1238	Priyadharshini K.; Shanthi S.; Ashwini R.; Joel T.; Satyanarayana T.V.V.	A Logical Design of Robust Methodology to Detect and Classify Melanoma Disease using Hybrid Deep Learning Principles	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1239	Usha R.; Devi G.V.; Basi Reddy A.; Divya B.; Selvan R.S.	Integrating the Bigdata and Deep Learning Analysis Human Movement to Improve the Sports	2023	2023 3rd International Conference on Advancement in Electronics and Communication Engineering, AECE 2023				634	639	Conference paper
1240	Chaya Devi S.K.; Ashraf M.S.; Raghuveer K.; Prasad T.V.S.G.; Sharma S.	Recognition of Weed Detection in Smart Agricultural Farm using Image Processing with IoT	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				94	99	Conference paper
1241	Thaslim Basha S.K.; Mahaboob Basha S.; Subba Rao D.; Rasheed S.; Varalakshmi M.; Raju C.N.	Synthesis, in silico and in vitro anti-cancer studies of phosphorylated derivatives of didanosine targeting MDA-MB-231 breast cancer cell lines	2023	Journal of Receptors and Signal Transduction	43	6		144	153	Article
1242	Nennuri R.; Kumar R.H.; Prathyusha G.; Tejaswini K.; Kanishka G.; Sunitha G.	A Multi-stage Deep Model for Crop Variety and Disease Prediction	2023	Lecture Notes in Networks and Systems	648 LNNS			52	59	Conference paper
1243	Tarigonda H.; Reddy R.M.; Anjaneyulu B.; Dharmalingam G.; Reddy D.R.; Narasimhamu K.L.	Optimization of the Performance and Emissions of a Dual-Fuel Diesel Engine Using LPG as the Fuel	2023	Lecture Notes in Networks and Systems	649 LNNS			510	531	Conference paper
1244	Usha V.; Hamad A.A.; Manikandan N.; Thejasree P.; Biju J.; Chittapur G.	Optimization Algorithm of Road and Bridge Engineering Construction Management Based on Ant Colony Neural Network	2023	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023				1393	1397	Conference paper
1245	Ramachandran R.; Ramya G.; Titus A.; Balaji M.; Bharaneedharan M.	Design and Development of EEG Signal based Driver Activity Recognition and Monitoring System	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1246	Sonule M.; Devhare L.D.; Babu M.N.; Gunjal S.D.; Varalaxmi S.	Microemulgel-based Hydrogel of Diclofenac Sodium using Lipidium sativum as a Gelling Agent	2023	International Journal of Drug Delivery Technology	13	4		1235	1239	Article
1247	Suresh K.; Parimalasundar E.; Jayakumar S.; Ravikumar R.	Encapsulated 3Ø converter for power loss minimization in a grid-connected system	2023	Automatika	64	1		189	197	Article
1248	Reddy S.V.L.; Varalakshmi M.; Reddy K.Y.; Chinthala S.; Katla V.R.; NagaRaju C.	Synthesis, spectral characterization and biological evaluation of carbamate and sulfonamide derivatives of cis-tramadol	2023	Organic Communications	16	3		142	151	Article
1249	Natarajan M.; Pasupuleti T.; Kumar V.; Kiruthika J.; Silambarasan R.; Krishnamachary P.C.	Investigational Analysis on Wire Electrical Discharge Machining of Aluminium Based Composites by Taguchi's Method	2023	SAE Technical Papers						Conference paper
1250	Niranjana S.; Gangopadhyay A.; Sweeti S.; Krishnamoorthi K.; Dhanalakshmi G.	Experimental Design of IoT based LPG Gas Leakage Detection and Accident Prevention Mechanism using Intuitive Sensors	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1251	Manasa Mandalapu V.L.; Venkatramana P.; Bisht D.; Singh Rawat R.; Malathy V.; Singh Arri H.	Resource Allocation in Cross-Layer Wireless Communication Systems and Energy Efficiency Optimization	2023	Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2023				2224	2228	Conference paper
1252	Seetha J.; Senthil Kumar S.; Nruthya K.; Rao N.K.K.; Leela Rani D.	Enhancement of Agriculture Productivity and Automation of Agriculture using IoT	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1411	1417	Conference paper
1253	Anitha C.; Priscila S.S.; Mahaveerakannan R.; Balakrishnan B.	An Efficient Secure Routing and Hierarchical Approach to Elliptic Curve Cryptography Combined with Distributed Group Key Management	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				2208	2212	Conference paper
1254	Ashokkumar N.; Nagarajan; Kabilamani P.; Manimaran B.; Swetha N.	VLSI Implementation of an Efficient Lossless EEG Compression for WBAN Application	2023	2023 Intelligent Computing and Control for Engineering and Business Systems, ICCEBS 2023						Conference paper
1255	Dankan Gowda V.; Prasad K.D.V.; Anil Kumar N.; Venkatakirana S.; Ashreetha B.; Reddy N.S.	Implementation of a Machine Learning-based Model for Cardiovascular Disease Post Exposure prophylaxis	2023	2023 International Conference for Advancement in Technology, ICONAT 2023						Conference paper
1256	Mohan V.M.; Suvarna T.; Bhargav P.B.; Mohan Babu P.	Novel KOH treated Li-CuO as cathode for the application of lithium-ion batteries	2023	EPJ Applied Physics	98		64			Article

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1257	Rajasekhar G.G.; Sarada K.; Kumar B.H.; Seshu Kumar R.; Kumari B.K.; Yadav A.	Seven level Switched Capacitor Multilevel Boost inverter for Renewable Energy Sources	2023	IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems, ICAECIS 2023 - Proceedings				643	646	Conference paper
1258	Baseer K.K.; Pasha M.J.; Srinivasulu B.V.; Moon S.A.	A Secure Resale Management System using Cloud Services and ReactJS	2023	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023				727	734	Conference paper
1259	Rafi N.; Vasu Babu R.; Srinivasa Rao R.V.N.; Monikarchana Y.; Nagaiah T.	ON FUZZY CLOSURE FILTERS OF DECOMPOSABLE STONE ALMOST DISTRIBUTIVE LATTICES	2023	Asia Pacific Journal of Mathematics	10		40			Article
1260	Gunasekaran K.; Anbuselvan N.; Priya J.S.; Ravindra Murthy C.	IoT based Wind Energy System Monitoring for Maximum Power Generation	2023	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023				396	400	Conference paper
1261	Nirmalraj R.J.T.; Ramalingam P.; Sreetharan V.; Ali Khan P.M.D.; Divya N.; Ponnusamy M.	An End-to-End S-AF-RCNN based Framework for Just-in-Time Defect Prediction	2023	3rd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2023 - Proceedings				305	310	Conference paper
1262	Prabhu S.; Kalaimagal V.; Arun V.; Manikandan A.; Balaji M.; Chandrasekar V.	Impact of Laminating Core Materials on Switched Reluctance Motor for Automotive Applications	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			127			Conference paper
1263	Subburaj T.; Shilpa K.; Sultana S.; Suthendran K.; Karuppasamy M.; Arun Kumar S.; Jyothi Babu A.	Discover Crypto-Jacker from Blockchain Using AFS Method	2023	Lecture Notes in Networks and Systems	606			145	156	Conference paper
1264	Kommineni K.K.; Madhu G.C.; Narayanamurthy R.; Singh G.	IoT Crypto Security Communication System	2023	Lecture Notes in Networks and Systems	528			27	39	Conference paper
1265	Krupakaran R.L.; Gangula V.R.; Tarigonda H.; Sachuthananthan B.; Balasubramanian D.; Anchupogu P.; Petla R.; Veerasamy S.	The influence of thermal barrier coating (TBC) on diesel engine performance powered by using Mimusops elengi methyl ester with TiO2 nanoadditive	2023	International Journal of Ambient Energy	44	1		2250	2261	Article
1266	Kotapati G.; Gandhimathi S.K.; Rao P.A.; Muppagowni G.K.; Bindu K.R.; Chandra Reddy M.S.	A Natural Language Processing for Sentiment Analysis from Text using Deep Learning Algorithm	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				1028	1034	Conference paper
1267	Sonia R.; Manikandan S.K.; Chinnammal V.; Venkatanaresh M.; Harirajkumar J.	A Node MCU Enabled Comprehensive Remote Healthcare Evaluation System for Elder People Care and Support	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1268	Neelakanta Reddy I.; Chidambara Kumar K.N.; Kiran Kumar K.; Shim J.; Bai C.	ZnFe2O4 nanoparticles decorated on rectangular ZnO nanosheets for enhanced photo-induced current generation via photoelectrochemical process	2023	Journal of Electroanalytical Chemistry	928		117075			Article
1269	Hemalatha T.; Venkatakiran S.; Kaur M.; Manojkumar S.B.; Prasad V.V.; Ashreetha B.	Real-Time Threat Detection and Countermeasures in IoT Environments	2023	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings				1349	1357	Conference paper
1270	Chandran K.P.; Niji P.S.; Chinnammal V.; Shyam M.; Venkatanaresh M.; Jayashree N.	LiFi: A Visible Light Communication Assisted Fishermen Tracking System using GPS	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1271	Parimalasundar E.; Senthil Kumar R.; Chandrika V.S.; Suresh K.	Fault diagnosis in a five-level multilevel inverter using an artificial neural network approach	2023	Electrical Engineering and Electromechanics	2023	1		31	39	Article
1272	Ashokkumar N.; Pappa C.K.; Siva Kumar A.; Srinivasan D.; Vijay M.M.	Certain Investigation of Optimization Methods of Sensor Nodes in Biomedical Recording Systems	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				1175	1181	Conference paper
1273	Srilakshmi V.; Chakradhar K.S.; Suneetha K.; Bindu C.S.; Yamsani N.; Madhavi K.R.	Artificial Intelligence for Detecting Prevalence of Indolent Mastocytosis	2023	Lecture Notes in Networks and Systems	648 LNNS			33	43	Conference paper
1274	Anitha C.; Rajkumar S.; Dhanalakshmi R.	An Effective Heart Disease Prediction Method using Extreme Gradient Boosting Algorithm Compared with Convolutional Neural Networks	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				2224	2228	Conference paper
1275	Devi P.P.; Hamad A.A.; Manikandan N.; Thejasree P.; Bhuvana R.; Kharmega Sundararaj G.	Analysis of Directional Projection Characteristics Based on Convolution Neural Network Algorithm and Application of Cultural Relics Authenticity Identification	2023	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023				1147	1152	Conference paper
1276	Aouthu S.; Jyothsna V.; Swaraja K.; Dilli R.	GAUSS-NEWTON MULTILATERATION LOCALIZATION ALGORITHM IN LARGE-SCALE WIRELESS SENSOR NETWORKS FOR IoT APPLICATIONS	2023	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	82	11		13	29	Article

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1277	Prasad B.M.G.; Jopate R.; Savita P.; Basi Reddy A.; Shankar B.P.; Arunkumar M.S.	Enhancing IoT-Edge Computation with Data Forwarding based Decentralized Deep Neural Networks	2023	Proceedings of the IEEE International Conference Image Information Processing				417	423	Conference paper
1278	Rajitha Jasmine R.; Nimmagadda P.; Sudhakar K.; Benitha Christinal J.; Rajasekar P.; Syed Musthafa A.	Perceptual Video Summarization Using Keyframes Extraction Technique	2023	Proceedings of 2023 3rd International Conference on Innovative Practices in Technology and Management, ICIPTM 2023						Conference paper
1279	Manoj G.; Mohamed A.; Ananthi S.; Esanmurodova N.; Alkkhayat A.H.; Venkatesh D.	The Mode of Integration of Production and Teaching of Garment Specialty in Applied Undergraduate Colleges and the Influencing Factors based on the two Screening Method	2023	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023				1031	1036	Conference paper
1280	Padmavathi T.; Pavitra P.; Peddinti N.; Murali P.M.; Ramachandran G.; Febiyola B.V.	An Innovative Analysis of Assistive Technology Emergency Situations Android and IoT based Telemedicine Nursing Monitoring Management	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023				1317	1322	Conference paper
1281	Mohamed N.; Singh Solanki M.; Praveena H.D.; Princy A.; Das S.; Verma D.	Artificial Intelligence Integrated Biomedical Implants System Developments in Healthcare	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				588	591	Conference paper
1282	Arunkumar J.R.; Velmurugan S.; Chinnaiah B.; Charulatha G.; Prabhu M.R.; Chakkaravarthy A.P.	Logistic Regression with Elliptical Curve Cryptography to Establish Secure IoT	2023	Computer Systems Science and Engineering	45	3		2635	2645	Article
1283	Tallapragada V.V.S.; Venkatesan G.; Manisha G.; Sivakumar N.; Kumar A.; Karthika J.	Multispectral image processing using ML based classification approaches in satellite images	2023	Artificial Intelligence, Blockchain, Computing and Security: Volume 1	1			734	738	Book chapter
1284	Dinesh Kumar K.; Prabhu Shankar B.; Dhinakaran D.; Shanthi H.J.; Vennila G.; Senthil P.	Multiple Precision Arithmetic with Blowfish Crypto Method for Medical Data Storage Using Blockchain Technology	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1285	Jyothi N.M.; Tabassum H.; Sharmila M.; Chilakapati N.R.; Pavani A.; Souza C.D.	AI Model for Bird Species Prediction with Detection of Rare, Migratory and Extinction Birds using ELM Boosted by OBS	2023	Winter Summit on Smart Computing and Networks, WiSSCoN 2023						Conference paper
1286	Kumar V.S.; Kavitha M.; Sivaprakasam S.A.; Naganathan E.R.; Bhutada S.; Suma K.G.; Priya L.; Sakthivel M.	Artificial Intelligence Clustering Techniques on Dermoscopic Skin Lesion Images	2023	Applied Artificial Intelligence: A Biomedical Perspective				151	164	Book chapter
1287	Anton A.S.M.; Saha B.C.; Pagalavan B.R.; Thrinath B.V.S.; Jeevanantham Y.A.; Ganesh C.S.S.	Design and Implementation of a Smart Grid System for Renewable Energy Integration	2023	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings				351	357	Conference paper
1288	Ramachandran K.K.; Nagarjuna B.; Akram S.V.; Bhalani J.; Raju A.M.; Ponnusamy R.	Innovative Cyber Security Solutions Built on Block chain Technology for Industrial 5.0 Applications	2023	2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023				643	650	Conference paper
1289	Dankan Gowda V.; Sathya B.; Kavitha R.; Kumar A.; Kalpana V.; Hariram V.	Artificial Intelligence based Health Monitoring System on IoT platform	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				1458	1463	Conference paper
1290	Tyagi S.; Krishna K.H.; Joshi K.; Ghodke T.A.; Kumar A.; Gupta A.	Integration of PLC modem and Wi-Fi for Campus Street Light Monitoring	2023	Proceedings - 4th IEEE 2023 International Conference on Computing, Communication, and Intelligent Systems, ICCIS 2023				1113	1116	Conference paper
1291	Dankan Gowda V.; Prasad K.D.V.; De T.; Srinivas V.; Anil Kumar N.; Tejpal Moharekar T.	A Framework for Smart City Implementation using IoT-Cloud Based System Architecture	2023	2nd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2023						Conference paper
1292	Dankan Gowda V.; Kawale S.R.; Prasad K.D.V.; Anil Kumar N.; Reddy N.S.; Ashreetha B.	Technologies for Comprehensive Information Security in the IoT	2023	2023 International Conference for Advancement in Technology, ICONAT 2023						Conference paper
1293	Mercy S.S.; Madhavi S.; Keerthika A.; Prathima C.; Prabhu R.T.	Diagnostic Framework for Mumps Based on Deep Learning with Enhanced Mayfly Optimization Algorithm	2023	IEEE 1st International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics, AIKIE 2023						Conference paper
1294	Sutariya K.; Vishal Gupta M.; Lal B.; Rahim Alatba S.; Sriramakrishnan G.V.; Tripathi V.	Rabble Based Autonomous Assistance Using Machine Learning Algorithms	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				484	486	Conference paper
1295	Hussain K.; Mulani U.M.; Kumar B.S.; Parte S.A.; Patra J.P.; Kumar Reddy P.N.	Enhanced Artificial Algae Algorithm based Distributed Generation Placement for Voltage Profile Enhancement	2023	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023				6	11	Conference paper

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1296	Revathy G.; Venkateswaran S.; Senthil Murugan V.; Devi V.; Mohanadevi A.; Saravanan G.	Precise Prediction of Cardiovascular Diseases Using Machine Learning	2023	2023 2nd International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2023						Conference paper
1297	Alagdeve V.D.; Singh R.; Vasukidevi G.; Parihar B.; Dhananjeyan S.; Ashreetha B.	Efficient Data Encryption and Signature Generation Scheme for Resource-Constrained IoT Environments	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				262	269	Conference paper
1298	Thaseen A.; Unnisa R.; Sultana N.; Madhavi K.R.; NagaJyothi G.; Kirubakaran S.	Breast Cancer Detection Using Deep Learning Model	2023	Lecture Notes in Networks and Systems	612			669	677	Book chapter
1299	Erna G.; Srihari G.; Kishore M.P.; Ashok Nayak B.; Bharathi M.	FPGA Implementation of High-Performance Truncated Rounding based Approximate Multiplier with High-Level Synchronous XOR-MUX Full Adder	2023	WSEAS Transactions on Circuits and Systems	22			111	125	Article
1300	Nawi M.N.M.; Selvi T.; Neeraja P.; Yellapragada R.K.; Jain H.	An IoT Assimilated Distributed Control Method for Green Electrical Transmission Grids	2023	WSEAS Transactions on Power Systems	18			321	329	Article
1301	Moorthy K.S.; Neeraia M.P.; Pavitra P.; Arivumalar R.; Veeranjanyulu K.; Murali S.M.	A Hybrid Data Acquisition Model for Precision Agriculture using IoT, Engineering Nanomaterials and Artificial Intelligence	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				479	485	Conference paper
1302	Mohd A.A.; Kummarikunta S.; Naga S.K.T.; Buthukuri V.R.; Chintamaneni P.; Vatambeti R.	Design of Mutual Authentication Method for Deep Learning Based Hybrid Cryptography to Secure data in Cloud Computing	2023	International Journal of Safety and Security Engineering	13	5		893	902	Article
1303	Chaturvedi A.; Mathews B.; Kumar Patra S.; Anil Kumar N.; Kavitha R.; Kumar Lakineni P.	Synergizing Collaborative Filtering and Popularity Scores in a Machine Learning Approach for Content Suggestions	2023	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings				442	449	Conference paper
1304	Dewangan N.K.; Jena K.; Kumar D.; Janardhan K.; Kumar B.H.; Verma D.	A Novel Single and Multiple Switch Fault-Tolerant Multilevel Inverter Topology With Reduced Device Count	2023	2023 IEEE Renewable Energy and Sustainable E-Mobility Conference, RESEM 2023						Conference paper
1305	Kumar Rao B N.; Panini Challa N.; Krishna E.S.P.; Chakravarthi S.S.	Facial Landmarks Detection System with OpenCV Mediapipe and Python using Optical Flow (Active) Approach	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				92	96	Conference paper
1306	Archana U.; Roslin Dayana K.; Jayadurga R.; Sahaana G.; Praveena K.; Saravanan V.	AUTONOMOUS IOT MOVEMENT IN HOSTILE AREAS USING ROBOTICS AND DEEP FEDERATED ALGORITHMS	2023	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023						Conference paper
1307	Hema P.; Babu U.R.; Manigandan E.; Rajesh Kumar A.; Devireddy N.; Rastogi R.	Empirical Analysis of Rainfall Prediction System using an DGRNN-SAM Approach	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				790	795	Conference paper
1308	Balakrishna G.; Kumar A.; Tamilselvan V.; Younas A.; Kumar N.M.G.; Rastogi R.	A Novel Ensembling of CNN-A-LSTM for IoT Electric Vehicle Charging Stations Based on Intrusion Detection System	2023	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings				1312	1317	Conference paper
1309	Gondhalekar G.; Vasukidevi G.; Isaac L.D.; Vyas R.K.; Arun Raj S.R.; Anil Kumar N.	An Optimized Security Framework for Global IoT Communication using Software-Defined Networking (SDN) in Adversarial Environments	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				100	109	Conference paper
1310	Sujatha P.; Saravanan K.; Sohail M.A.; Basi Reddy A.; Dixit R.R.; Krishnaiah N.	Leveraging Machine Learning to Identify Synergistic Drug Combinations for Effective Cancer Treatment	2023	Proceedings of the IEEE International Conference Image Information Processing				321	325	Conference paper
1311	Sruthy R.; Kavitha S.; Darwin N.; Titus A.; Kishore V.V.; Dharshini B.S.	Smart RFID: Experimental Evaluation of Secured Students Attendance Handling System Using RFID	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1312	Karthick S.; Kumar B.A.; Sethi P.; Singh N.K.; Srivastava S.; Prasanth P.V.	Optimization Models and Educational Teaching Research in Agricultural Logistics System	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1313	Chitra Kiran N.; Parkash J.; Cheerla S.; Shanmugaraja P.; Manohara M.; Madan P.	Receiver-Based Data Communication for Wireless Sensor Networks	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1314	Nagarjuna B.; Ramachandran K.K.; Nautiyal A.; Singh S.P.; Nayak B.B.; Ganguly P.	Sustainability in the field of Supply Chain Using Technolgy: A deep review	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				843	847	Conference paper

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1315	Prabhu S.; Kalaimagal V.; Arun V.; Manikandan A.; Balaji M.; Chandrasekar V.	Investigations on Switched Reluctance Motors for Automotive Systems	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				169	174	Conference paper
1316	Umanesan R.; Nagabhushana Rao M.; Bhavana S.; Walid M.A.A.; Trivedi P.U.; Naresh Kumar Reddy P.	Innovative Method for Predicting Vehicle Speed Detection using Fuzzy Local Information Means and CNN	2023	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings				746	752	Conference paper
1317	Sharma P.K.; Lakshmi B.; Prakash A.; Verma M.K.; Sasank V.V.S.; Ashokkumar N.	Monitor and Control Electricity for Home Appliance	2023	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023						Conference paper
1318	Deshmukh A.A.; Kumar K.P.V.; Kumar B.A.; Patro P.; Singh P.P.; Ashokkumar N.	Predicting the Impacts of the Environment on the Probability and Severity of Electrical Injuries by AIML	2023	2023 International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2023						Conference paper
1319	Reddy A.R.; Sirish Kumar M.; Shereesha M.; Raju K.S.; Tangudu N.; Nagendra Babu G.	A Comprehensive Overview on Implementing IoT-AI Interface in Agriculture	2023	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023				87	90	Conference paper
1320	Reddy S.; Babu M.N.; Yamuna G.; Madhavi T.; Bizon C.C.; Bizon N.; Thounthong P.	Hybridizing Technology Management and Knowledge Management to Spur Innovation: A System Dynamics Approach	2023	Organizations and Markets in Emerging Economies	14	3		696	720	Article
1321	Packialatha A.; Vadlamudi B.; Sai Thrinath B.V.; Sundar Ganesh C.S.; Ishrat M.; Bhaskar A.	Electric Vehicle Management and Tracking using AI and IoT	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1322	Yadav S.S.; Maan M.K.; Sunil Kumar M.; Kumarnath J.; Pund S.S.; Rathod M.	A Secure IoT Smart Network Model for the Contributory Broadcast Encryption for the Text Policy Management Scheme	2023	International Journal of Intelligent Systems and Applications in Engineering	11	3s		42	48	Article
1323	Anitha C.; Srinivas Rao V.; Ramyadevi R.; Maya R.; Debroy S.; Mahaveerakannan R.	Segmentation and Classification of Gastric Cancer from Endoscopic Image Dataset with the Aid of Artificial Intelligence	2023	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings				212	218	Conference paper
1324	Kawale S.R.; Mallikarjun S.; Dankan Gowda V.; Prasad K.D.V.; Anusha M.N.; Anil Kumar N.	Smart Voice Navigation and Object Perception for Individuals with Visual Impairments	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				694	701	Conference paper
1325	Chaturvedi A.; Prasad K.D.V.; Dankan Gowda V.; De T.; Tanguturi R.C.; Ashreetha B.	A Novel method of Improving Spectrum sensing Management system for CR-IoT Networks	2023	2023 4th International Conference for Emerging Technology, INCET 2023						Conference paper
1326	Vijitha S.; Hebri D.; Singh S.; Manohara M.; Ishrat M.; Joseph D.R.	Neural Network Implementation for Battery Failure Detection in Electric Vehicles	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1327	Nahak F.M.; Mandalapu V.L.M.; Kaur R.; Sarishma; Malathy V.; Arri H.S.	Word Embeddings and Document Topics are Combined With Deep Learning in a System for Classifying Videos	2023	2023 Global Conference on Information Technologies and Communications, GCITC 2023						Conference paper
1328	Rajkumar R.; Ramineni C.; Kumar D.S.; Kaliappan S.; Farook S.; Ramaian C.P.	Energy Storage System Control Scheme based on Pretrained Adaptive Dynamic Programming for PSOs	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				947	951	Conference paper
1329	Ganesh R.; Rao B.S.; Goriparthi S.; Trivedi P.U.; Nishant N.; Reddy P.N.K.	An Efficient Method for Smart Parking System Using Adaptive CNN Ensemble Approach	2023	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023				398	403	Conference paper
1330	Babu B.; Meinathan S.; Manikandan P.; Lingewaran P.; Nanthakumar S.; Yasminebegum A.; Girmurugan R.	Investigation on the characterization of hot extruded AA7075 based metal matrix composites developed by powder metallurgy	2023	Journal of Physics: Conference Series	2603	1	12041			Conference paper
1331	Tallapragada V.V.S.; Chaudhary S.; Glory J.S.; Venkatesan G.; Uma Maheswari B.; Kumar E.R.	Deep learning based approach for rice prediction from authenticated block chain mode	2023	Artificial Intelligence, Blockchain, Computing and Security: Volume 1	1			550	556	Book chapter
1332	Sivaiah P.; Sudheera M.; Muralidhar Singh M.; Yuvaraj C.; Chengal Reddy V.; Lakshmi Narasimhamu K.; Dilip Kumar M.	Investigation on turning process performance during machining of 15-5PH stainless steel material with eco-friendly machining technique	2023	Materials Today: Proceedings						Article
1333	Yadav A.K.; Kashyap S.; Pund S.S.; Mahmood Salman H.; Ernest Ravindran R.S.; V. Sriramakrishnan G.	Compared to The Threshold Dependent Segmentation Technique, Normal Type Lung Cancer Identification in CT Images Utilizing Structural Flood Segmentation Process to Enhance Efficiency	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				833	837	Conference paper
1334	Amanullah M.; Chaudhary S.; Yalini R.; Balaji M.; Sudha M.V.; Dhanraj J.A.	Deep learning approach for smart home security using 5G technology	2023	Artificial Intelligence, Blockchain, Computing and Security: Volume 1	1			563	568	Book chapter

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1335	Anitha C.; Joshi A.; Thumar V.; Kurian M.J.; Viswanath P.	Analyzing the Factors Influencing in Blockchain Innovation in Health Care	2023	Journal for ReAttach Therapy and Developmental Diversities	6	2		330	337	Article
1336	Nidode P.; Natarajan C.; Rajathi G.; Deepika M.R.; Shinkre R.; Chouhan D.S.	Opioid dependency and intervention: A critical examination of the neurobiological foundations	2023	Multidisciplinary Reviews	6		e2023ss013			Conference paper
1337	Titus A.; Devi K.M.; Divya G.; Nimmagadda P.; Shankar S.V.	A Systematic Procedure to Identify Human Blood Groups by using Image Processing Assisted Learning Principle	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1338	Prabhu S.; Arun V.; Balaji M.; Kalaimagal V.; Manikandan A.; Chandrasekar V.	Influence of Laminating Core Materials on Internal Permanent Magnet Motor for Locomotive Systems	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			137			Conference paper
1339	Ramachandran K.K.; Ravichand M.; Joshi K.; Vekariya V.; Saini D.; Ponnusamy R.	Investigation of the Educational Performance on the Revolutionary Philosophical Electoral Online Learning Platform Centred on Deep Learning	2023	2023 International Conference on Artificial Intelligence and Smart Communication, AISC 2023				639	642	Conference paper
1340	Prabhu S.; Arun V.; Balaji M.; Kalaimagal V.; Manikandan A.; Chandrasekar V.	Electromagnetic Analysis on Brushless DC Hub Motor for Electrified Transportation Systems	2023	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023				179	183	Conference paper
1341	Krishna S.H.; Prasad K.D.V.; Rajasekhar M.; Ashokkumar N.; Vatsa G.	Perceived Mental Stress of Faculties and their Methods of Coping with Special Reference to Private Universities	2023	Journal for ReAttach Therapy and Developmental Diversities	6	4		349	358	Article
1342	Chinnasamy R.; Srinivasan K.; Balasubramanian V.; Balaji H.; Vinoth Kumar M.; Ragunathan S.	Dynamic recrystallization in friction stir welded AA2014 aluminium alloy joints to replace riveted joints	2023	Materialpruefung/Materials Testing						Article
1343	Sreelakshmy R.; Kumar A.K.; Titus A.; Hemajothi S.; Venkatesh J.; Lavanya A.	Design and Development of an AI based Intelligent Door for Home Security System	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1344	Madhavi K.R.; Suri V.K.; Mahalakshmi V.; Reddy R.O.; Reddy C.S.	Federated Learning and Adaptive Privacy Preserving in Healthcare	2023	Lecture Notes in Networks and Systems	649 LNNS			543	551	Conference paper
1345	Kaur C.; Kumar M.S.; Anjum A.; Binda M.B.; Mallu M.R.; Ansari M.S.A.	Chronic Kidney Disease Prediction Using Machine Learning	2023	Journal of Advances in Information Technology	14	2		384	391	Article
1346	Anitha C.; Komala C.R.; Vivekanand C.V.; Lalitha S.D.; Boopathi S.; Revathi R.	Artificial Intelligence driven security model for Internet of Medical Things (IoMT)	2023	Proceedings of 2023 3rd International Conference on Innovative Practices in Technology and Management, ICIPTM 2023						Conference paper
1347	Vignesh R.S.; Chinnammal V.; Gururaj.d; Kumar A.K.; Karthikeyan K.V.; Arunkumar J.R.	Secured Data Access and Control Abilities Management over Cloud Environment using Novel Cryptographic Principles	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1348	Ravishankar T.N.; Kumar A.T.A.K.; Venkatesh J.; Prabhu M.R.; Bhargavi V.S.; Muthamilselvan S.	Empirical Assessment and Detection of Suicide Related Posts in Twitter using Artificial Intelligence enabled Classification Logic	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1349	Ramachandran R.; Hema Priya K.; Malathy K.; Sivagamidevi G.; Sudhakar C.V.; Indhumathi V.	An Effective Security Protocol Design for IRIS based Credential Evaluation using Intensive Deep Learning Scheme	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1350	Rai A.K.; Singh M.; Vinoth Kumar M.; Anil Kumar N.; Yadav A.S.; Kar N.R.	Artificial Intelligence based Enhanced Drug Discovery in Pharmaceutical Industries	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				342	346	Conference paper
1351	Girinath S.; Kavitha T.; Chandra P.S.; Kumar N.M.; Gattim N.K.; Challa R.K.	Deep Learning-based Segmentation and Computer Vision-based Ultrasound Imagery Techniques	2023	2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023						Conference paper
1352	Jagadeesan S.; Nayak S.; Srija N.; Chandru P.; Naresh Kumar Reddy P.; Rastogi R.	Intelligent Hepatocellular Carcinoma Detection using Hybrid Radial basis Function Networks	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023				1169	1175	Conference paper
1353	Shunmughavel V.; Jeevanantham V.; Srinivasan D.; Premkumar M.; Nivethika S.D.; Ashokkumar N.	A Concept-based Ontology Mapping Method for Effective Retrieval of Bio-Medical Documents	2023	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023				679	684	Conference paper
1354	Anusha P.; Veeramuthu A.; Anandhi R.; Kumar A.K.; Lakshmi R.; Sohan D.M.	Experimental Design of Smart Bus Management Scheme using Internet of Things and Location Indicator	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper

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1355	Prabhu V.S.; Samuel R.; Chinnammal V.; Venkatanaresh M.; Srinivasan M.	An Internet of Things Powered Systematic Weather Tracking System based on Environmental Evaluation Sensors	2023	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023						Conference paper
1356	Radha K.; Sivagamidevi G.; Juliet N.; Niranjana S.; Nimmalaharathi; Dhanalakshmi G.	An IoT enabled Malware Identification Mechanism over Digital Documents using Predictive Learning Scheme	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1357	Sreekanth N.; Babu G.N.; Kumar G.R.; Madhukar G.; Shakir A.M.	A Cluster Based Routing Using Energy Efficiency-Based Multi-Objective Optimization in Wireless Sensor Networks	2023	IEEE 1st International Conference on Ambient Intelligence, Knowledge Informatics and Industrial Electronics, AIKIE 2023						Conference paper
1358	Kamalakannan J.; Reddy K.R.; Kumar N.M.G.; Shafee S.M.; Dewangan K.; Kannan V.	Design of Hybrid Energy Storage and Management System in Hybrid Electric Vehicle Using Machine Learning Approach	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				1313	1317	Conference paper
1359	Chakradhar K.S.; Deshmukh R.; Singh P.P.; Hazela B.; Taluja R.	LPG Cylinder Leakage Monitoring by IoT	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1386	1389	Conference paper
1360	Gandhimathi S.K.; Muppagowni G.K.; Sandhya K.; Arava R.R.; Vindhya Anuragh K.; Kotapati G.	A Proficient Prediction Mechanism for Analyzing Water Quality Using Machine Learning Algorithms	2023	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings				552	559	Conference paper
1361	Elamadurthi R.K.; Pavani G.; KanthiThilaka J.M.; Pavani A.; Ravichand M.; Seshagiri H.	Improve Students reading skills via the use of computer-assisted reading programmes	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1362	Vekariya D.; Rastogi A.; Priyadarshini R.; Patil M.; Kumar M.S.; Bhasker Pant	Mengers Authentication for efficient security system using Blockchain technology for Industrial IoT(IIOT) systems	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				894	896	Conference paper
1363	Mittal A.; Ramachandran K.K.; Lakshmi K.K.; Hasbullah N.N.; Ravichand M.; Lourens M.	Human-cantered Artificial intelligence in Education, Present and future opportunities	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				1003	1008	Conference paper
1364	Joe Anand M.C.; Kalaierasi K.; Martin N.; Ranjitha B.; Priyadharshini S.S.; Tiwari M.	Fuzzy C-Means Clustering with MAIRCA -MCDM Method in Classifying Feasible Logistic Suppliers of Electrical Products	2023	Proceedings of the 2023 1st International Conference on Cyber Physical Systems, Power Electronics and Electric Vehicles, ICPEEV 2023						Conference paper
1365	Jugunta S.B.; El-Ebiary Y.A.B.; Saravanan K.A.; Prasad K.S.R.; Koteswari S.; Rachapudi V.; Rengarajan M.	Unleashing the Potential of Artificial Bee Colony Optimized RNN-Bi-LSTM for Autism Spectrum Disorder Diagnosis	2023	International Journal of Advanced Computer Science and Applications	14	11		719	730	Article
1366	Modak S.; Mulla Z.A.S.; Verma A.; Sunalini K.K.; Ali Khan P.M.D.; Gupta P.	Towards Detecting the Fake Profile in Social Media using Hybrid Model of LSTM and Extreme Learning Machine	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				941	946	Conference paper
1367	Prabhu S.; Arun V.; Balaji M.; Kalaimagal V.; Manikandan A.; Chandrasekar V.	Analysis on Misc Type Permanent Magnet Synchronous Reluctance Machine for Transportation Systems	2023	2023 International Conference on Power, Instrumentation, Energy and Control, PIECON 2023			153			Conference paper
1368	Kumar G.S.; De La Cruz-Camaco D.; Ravichand M.; Joshi K.; Gupta Z.; Gupta S.	Monitoring and Predicting Performance of Students in Degree Programs using Machine Learning	2023	Proceedings of the 17th INDIACom; 2023 10th International Conference on Computing for Sustainable Global Development, INDIACom 2023				1311	1315	Conference paper
1369	Maguluri L.P.; Farook S.; Saravanan R.; Dixit A.; Aishwarya K.P.; Dhanraj J.	An Appraisal in to the Effects of Partial Shading on an Urban Photovoltaic System Using the Internet of Things	2023	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023						Conference paper
1370	Arunarani A.R.; Selvanayaki S.; Saleh Al Ansari M.; Ala Walid M.A.; Devireddy N.; Keerthi M.M.	Crop Yield Prediction Using Spatio Temporal CNN and Multimodal Remote Sensing	2023	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023				1042	1048	Conference paper
1371	Rama Krishna S.; Rathor K.; Ranga J.; Soni A.; Srinivas D.; Anil Kumar N.	Artificial Intelligence Integrated with Big Data Analytics for Enhanced Marketing	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1073	1077	Conference paper

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1372	Gunturu V.; Ranga J.; Murthy C.R.; Swapna B.; Balam A.; Raja Ch.	Artificial Intelligence Integrated with 5G for Future Wireless Networks	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1292	1296	Conference paper
1373	Sunil Kumar M.; Anuradha T.; Srinivas Y.; Santhi Sri T.; Catherine T.J.; Aurelia S.	Simulation of the Electrical Control Unit (ECU) in Automated Electric Vehicles for Reliability and Safety Using On-Board Sensors and Internet of Things	2023	2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023						Conference paper
1374	Rao A.R.; Saxena M.; Krishna K.H.; Anandhi R.J.; Pravallika B.; Dutt A.	Secured Traceability System Using Block Chain Technology in Supply Chain Management	2023	2023 10th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2023				532	535	Conference paper
1375	Shashank R.; Krishna K.H.; Takore T.T.; Singla A.; Veena C.; Tiwari M.	Efficiency of Wireless Communication in Cybersecurity for Data Security	2023	2023 10th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2023				552	556	Conference paper
1376	Manjunath C.R.; Sharma S.; Sharma A.; Sunil Kumar M.; Kelkar S.; Vishal Deshmukh S.	Cloud Top Management Role in Reducing Mobile Broadband Transmission Hazards and Offering Safety	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				1064	1068	Conference paper
1377	Posinasetty B.; Yejjella R.P.; Bandarapalle K.; Kumarachari R.K.; Veluru H.; Babu C.N.	Benzofuran-Isoxazole Hybrids: Synthesis, Antimicrobial Activity and Dual Target Docking Studies	2023	Asian Journal of Chemistry	36	1		125	134	Article
1378	Jugunta S.B.; Rengarajan M.; Gadde S.; El-Ebiary Y.A.B.; Vuyyuru V.A.; Verma N.; Embarak F.	Exploring the Insights of Bat Algorithm-Driven XGB-RNN (BARXG) for Optimal Fetal Health Classification in Pregnancy Monitoring	2023	International Journal of Advanced Computer Science and Applications	14	11		731	741	Article
1379	Kumari R.K.; Gireesh N.; Bhavani R.; Sathish K.; Senthil G.A.; Praveena S.	Implementation and deployment of the integration of IoT devices in the development of GIS in the cloud platform	2023	Artificial Intelligence, Blockchain, Computing and Security: Volume 2	2			77	81	Book chapter
1380	Sudha S.; Martin N.; Clement Joe Anand M.; Palanimani P.G.; Thirunamakkani T.; Ranjitha B.	MACBETH-MAIRCA Plithogenic Decision-Making on Feasible Strategies of Extended Producer's Responsibility towards Environmental Sustainability	2023	International Journal of Neutrosophic Science	22	2		114	130	Article
1381	Abd Algani Y.M.; Nageswara Rao B.; Kaur C.; Ashreetha; Daya Sagar K.V.; El-Ebiary Y.A.B.	A Novel Hybrid Deep Learning Framework for Detection and Categorization of Brain Tumor from Magnetic Resonance Images	2023	International Journal of Advanced Computer Science and Applications	14	2		518	527	Article
1382	Indirani M.; Anitha C.; Goswami S.; Baranitharan K.; Govindaraju S.; Mahaveerakannan R.	Detection of Salient Objects in a Video using a Hybrid Neural Network Model	2023	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023				641	646	Conference paper
1383	Anitha G.; Hemalatha R.; Sakthisaravanan N.; Kavitha K.R.; Tamilselvi M.; Kumar A.K.	MNNP: Design and Development of Traffic Sign Identification and Recognition System to Support Smart Vehicles using Modified Neural Network Principles	2023	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023						Conference paper
1384	Gupta M.; Venkatesh S.N.; Suraskar R.; Praveena K.; Jegadesan S.; Suneetha S.	Enhancing Music Recommendations with Emotional Insight: A Facial Expression Approach in AI	2023	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings				450	457	Conference paper
1385	Madasamy S.; Vikkram R.; Basi Reddy A.; Nandhini T.; Gupta S.; Nagamani A.	Predictive EQCi-Optimized Load Scheduling for Heterogeneous IoT-Data in Fog Computing Environments	2023	Proceedings of the IEEE International Conference Image Information Processing				430	435	Conference paper
1386	Parimalasundar E.; Senthilkumar R.; Kumar B.H.; Janardhan K.; Singh A.R.; Bajaj M.; Bereznychenko V.	Artificial Neural Network-Based Experimental Investigations for Sliding Mode Control of an Induction Motor in Power Steering Applications	2023	International Journal of Intelligent Systems	2023		9381915			Article
1387	Prabu R.T.; Balaji A.; Dhanalakshmi K.M.; Diwakaran S.; Prathima Ch.; Vijayakumar S.	Robust Attack Identification Strategy to Prevent Document Image Forgeries by using Enhanced Learning Methodology	2023	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023						Conference paper
1388	Mohanty R.; Khan N.; Iqbal S.; Rao K.; Naidu V.B.; Silpa G.; Mahalakshmi G.	Determination of antimicrobial activity of aqueous extracts of Azadirachta indica and Probiotic on periodontal pathogens: An in vitro study	2023	International Journal of Chemical and Biochemical Sciences	24	5		297	300	Article
1389	Kaur B.; Kumar A.; Goswami L.; Kumar M.S.; Saeed Abdulrahman I.; Prasad Mishra B.	Comparing of with A Dual Band - Pass Designs with the Slot Antenna Filtration System for Returning Loss Minimization	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				789	792	Conference paper

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1390	Kala K.L.; Anbuchezhiyan G.; Pingili K.; Singh P.K.; Vel V.M.; Yusuf K.; Aljuwayid A.M.; Islam M.A.; Christopher D.	Employing a Carbon-Based Nanocomposite as a Diffusive Solid-Phase Extraction Adsorbent for Methamphetamine for Therapeutic Purposes	2023	Adsorption Science and Technology	2023		8650678			Article
1391	Kumara V.; Jayakumar S.; Rani D.L.; Maranan R.; Ramesh D.R.; Deivakani M.	Development of Secure Hardware Architectures for Preventing Side-Channel Attacks and Protecting Sensitive Data in VLSI Systems	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				149	153	Conference paper
1392	Darji Y.; Patel D.; Patel D.; Ramesh R.; Oza A.D.; Bhole K.S.; Shinde S.M.; Kumar M.	Experimentation with the EDM parameter through a full factorial technique and optimization using regression analysis with carbon nanotubes	2023	International Journal on Interactive Design and Manufacturing						Article
1393	Priya R.P.; Raghuveer K.; Srinivas K.; Basi Reddy A.; Shriidhar P.J.; Shirisha N.	Enhancing House Price Prediction Accuracy using Deep Learning and Hyperparameter Tuning with AEDA	2023	Proceedings of the IEEE International Conference Image Information Processing				339	344	Conference paper
1394	Tyagi M.K.; Anitha C.; Ramyadevi R.; Pachar S.; Tata R.K.; Suman P.; Ahmadi F.	Maximize the Security for Image Processing Using an Improved Watermarking Approach	2023	Mathematical Problems in Engineering	2023		5060564			Article
1395	Selvi S.; Karthikeyan S.; Manimaran K.; Ravindra G.; Rajesh T.; Sathish T.	Integration of Solar Photovoltaics and Thermal Collectors for Hybrid Solar Energy Systems	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				154	158	Conference paper
1396	Jaichandran R.; Krishna S.H.; Madhavi G.M.; Mohammed S.; Raj K.B.; Manoharan G.	Fuzzy Evaluation Method on the Financing Efficiency of Small and Medium-Sized Enterprises	2023	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023						Conference paper
1397	Vanipriya B.; Janarthanan V.; Bhargavi M.; Rajesh V.; Boopathiraja K.P.; Satyanarayana Tallapragada V.V.	Comparison of AI Concepts, Machine Learning Hybrid Approach and IoT in Monitoring Smart Home Appliances in IDS	2023	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023				428	431	Conference paper
1398	Subramanyam S.; Samineni R.; Kadiri S.K.; Yanadaiah J.P.; Jonnalagedda P.; Chikkula K.V.; Gouru S.A.	Synthesis and In-vivo Bioactivity Studies of Some New Hydrazone Schiff Bases and Mannich Bases of Indole Derivatives	2023	Indian Journal of Heterocyclic Chemistry	33	3		299	309	Article
1399	Srinivasa G.G.K.; Krishna G.R.S.; Rex J.; Kumar K.S.; Kumar M.M.; Manikandan N.	Optimization Model of Housing Construction Project Scheduling Based on Optimized Ant Colony Algorithm	2023	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023				469	473	Conference paper
1400	Chaturvedi A.; Prasad K.D.V.; Jha S.K.; Srinivas V.; Anil Kumar N.; Dankan Gowda V.	Approaches for Advanced Spectrum Sensing in Cognitive Radio Networks	2023	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023				1485	1490	Conference paper
1401	Chand S.; Kumari N.; Mohanty R.; Rao K.; Lade A.Y.; Silpa G.; Khan N.	A 12-year retrospective study to evaluate the frequency of dental implant failures in relation to several risk variables	2023	International Journal of Chemical and Biochemical Sciences	24			420	422	Article
1402	Roy S.; Saini P.; Thakkar T.H.; Maranan R.; Salve A.R.; Hemabala K.	Data Mining Technology in Student Management Using Svm Techniques	2023	Proceedings of International Conference on Contemporary Computing and Informatics, IC3I 2023				1449	1453	Conference paper
1403	Raja A.R.; Anuradha T.; Majji S.; Patnala T.R.; Sushama C.; Kapila D.	Global Identification Passport: A Unique Cloud based Passport Model	2023	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023				801	805	Conference paper
1404	Alagdeve V.D.; Thatipudi J.G.; Roy P.; Nithya R.; Anil Kumar N.; Ramesh B.	Deep Learning-based Prediction of Parkinson's Disease Progression using Voice Recordings	2023	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings				843	847	Conference paper
1405	Madasamy S.; Praveena K.V.S.; Sreedevi V.; Basi Reddy A.; Nirosha Ch.; Naik S.K.L.	Navigating Flood Prediction Complexities: Harnessing Fuzzy Expert Systems and Real-Time Sensor Integration	2023	Proceedings of the IEEE International Conference Image Information Processing				397	400	Conference paper
1406	Niranjana S.; Chandra I.; Charulatha G.; Leopauline S.; Prathima C.; Geetha T.	A Novel Orientation Approach in Artificial Intelligence for Mounting Robots Utilizing a Three-Dimensional Framework of the Broadcast Tower	2023	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023						Conference paper
1407	Ramkumar G.; Manonmani V.; Sakthisaravanan N.; Venkatramanan C.B.; Palanivel S.; Kumar A.T.A.K.	A Real-time Food Image Recognition System to Predict the Calories by Using Intelligent Deep Learning Strategy	2023	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023						Conference paper
1408	Rajkumar R.; Selvarani N.; Bradley Bright B.; Kaliappan S.; Sai Thrinath B.V.; Amal Rebin A.X.	Photovoltaic System based on Closed Loop DC-DC Converter with Fuzzy Logic Controller	2023	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings				113	119	Conference paper
1409	Ravi K.C.; Mudalkar P.K.; Ranga J.; Raj G.B.; Swapna B.; Venkatesh D.	Empowering Sustainable Agriculture through IoT: Innovations for Precision Farming and Crop Monitoring	2023	IEEE 9th International Conference on Smart Structures and Systems, ICSSS 2023						Conference paper

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1410	Kumar J.; Murugan A.S.S.; Kumar R.V.; Ghamande M.V.; Kumar N.M.G.; Radhika	Lithium-Ion Health Prediction for Battery Systems Using Deep A-LSTM-CNN Approach	2023	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings				1481	1487	Conference paper
1411	Priya V.K.; Sugumar D.; Vijayalakshmi K.; Vanitha V.; Singh C.; Yasminebegum A.	Microstrip patch antenna with high gain and dual bands for secure 5G communication	2023	Artificial Intelligence, Blockchain, Computing and Security: Volume 1	1			539	543	Book chapter
1412	Jindal P.; Parikh S.; Sikka R.; Alatba S.R.; Babu S.; Sriramakrishnan G.V.	Analyzing the differences between SVM and Naive Bayes for Feature Extraction	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				775	778	Conference paper
1413	Saxena A.; Bains S.; Sanyal S.; Ravichand M.; Das P.; Jaiswal S.	A Critical Evaluation of the Application of Natural Language Processing (NLP) For Enhancing Text and Speech Mining	2023	2023 4th International Conference on Computation, Automation and Knowledge Management, ICCAKM 2023						Conference paper
1414	Vianny D.M.M.; Vaddadi S.A.; Karthikeyan C.; Shahid M.; Dhanapal R.; Ravichand M.	Drug-based recommendation system based on deep learning approach for data optimization	2023	Soft Computing						Article
1415	Kumar V.N.; Sivaji U.; Kanishka G.; Devi B.R.; Suresh A.; Madhavi K.R.; Ahmed S.T.	A FRAMEWORK FOR TWEET CLASSIFICATION AND ANALYSIS ON SOCIAL MEDIA PLATFORM USING FEDERATED LEARNING	2023	Malaysian Journal of Computer Science	2023	Special Issue		90	98	Article
1416	Mehta A.K.; Lanjewar P.; Murthy D.S.; Ghildiyal P.; Faldu R.; Natrayan L.	AI & Lean Management Principles Based Pharmaceutical Manufacturing Processes	2023	2023 10th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCON 2023				1599	1604	Conference paper
1417	Tarakaramu N.; Reddappa B.; Radha G.; Abduvalieva D.; Sivakumar N.; Awwad F.A.; Ismail E.A.A.; Reddy K.A.	Thermal radiation and heat generation on three-dimensional Casson fluid motion via porous stretching surface with variable thermal conductivity	2023	Open Physics	21	1	20230137			Article
1418	Anitha G.; Sankar R.; Vimala Juliet A.; Dhivya V.; Thiyaneswaran B.; Kishore Kumar A.T.A.	Intelligent and Smart Health Care Monitoring System based on Deep Convolutional Neural Network Model	2023	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023						Conference paper
1419	Chirchi V.E.; Vivekanand C.V.; Grace N.V.A.; Saranya R.; Venkataramana S.; Praveena K.	Context Monitoring of Patients using Wireless Network	2023	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings				1266	1271	Conference paper
1420	Raman R.; Joshi K.; Ravichand M.; Jain A.; Gor M.; Sanjay C.P.	Human Voice Artificial Intelligence in Education, Illustrate and Prospective Possibilities	2023	2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023				2823	2828	Conference paper
1421	Kawale S.R.; Prasad K.D.V.; Palanikkumar D.; Mary P.A.; Begum A.Y.; Dankan Gowda V.	A Novel IoT Framework and Device Architecture for Efficient Smart city Implementation	2023	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings				420	426	Conference paper
1422	Ramkumar G.; Raja B.; Balaji A.; Sujatha V.; TamilSelvi M.; Kumar A.K.	An Experiment to Develop an Enhanced Medical Image Security by using Deep Learning Assisted Crypto Policy	2023	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023						Conference paper
1423	Gangan N.; Pandian S.H.; Agarwal M.S.; Mony R.R.; Moorthi S.; Ross V.S.	The Oriental Journey -A Trajectory in Chitra Banerjee Divakaruni's The Mistress of Spices	2023	World Journal of English Language	13	1		163	166	Article
1424	Abhang S.P.; Tarambale M.; Esnaashariyeh A.; Shete P.G.; Rao Jallepalli V.; Rai V.; Prajapati T.M.	Machine Learning-Based Monitoring and Prognosis of Chronic Kidney Disease Patients	2023	International Conference on Artificial Intelligence for Innovations in Healthcare Industries, ICAIHI 2023						Conference paper
1425	Nagaraju A.; Kumar M.G.V.; Devi Y.R.; Basi Reddy A.; Kumar M.A.; Kiran A.	Deep Reinforcement Learning for Low-Cost Humanoid Robot Soccer Players: Dynamic Skills and Efficient Transfer	2023	Proceedings of the IEEE International Conference Image Information Processing				316	320	Conference paper
1426	Radhika M.; Jayavadivel R.; Prabhu M.R.; Kumar V.; Pardey M.A.; Anil Kumar N.	Efficient Route Analysis and Content Delivery in IoT-Fog Networks with ETLO	2023	Proceedings of the IEEE International Conference Image Information Processing				351	356	Conference paper
1427	Irfan B.Md.; Raman R.; Praveena H.D.; Senthilkumar G.; Kumar A.; Bakhare R.	Digital media industry driven by 5G and blockchain technology	2023	Artificial Intelligence, Blockchain, Computing and Security: Volume 1	1			557	562	Book chapter
1428	Kumar M.S.; Kalaiselvi S.; Sahu M.; Arthi A.	Utilizing quantum-inspired optimization in healthcare networks for AI applications	2024	AI and Quantum Network Applications in Business and Medicine				83	100	Book chapter
1429	Thejasree P.; Manikandan N.; Sunheriya N.; Giri J.; Sathish T.; Chadge R.; Mahatme C.; Parthiban A.	Application of ANFIS approach for prediction of performance measures in wire electric discharge machining of SAE 1010	2024	Interactions	245	1	193			Article
1430	Pasupuleti T.; Natarajan M.; Kiruthika J.; Ramesh Naik M.; Silambarasan R.	Optimization of Wire Electrical Discharge Machining Parameters for Cupronickel Using Taguchi-Based Grey Relational Analysis	2024	SAE Technical Papers						Conference paper

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1431	Natarajan M.; Palanisamy D.; Pasupuleti T.; Gnanarathinam; Umapathi D.; Silambarasan R.	Optimization and Regression Modeling of Wire Electrical Discharge Machining for Cupronickel Material	2024	SAE Technical Papers						Conference paper
1432	Anitha C.; Muthusamy N.K.; Shende V.G.; Karthik D.U.; Rasal D.J.; Pandit K.	Navigating digital citizenship and AI surveillance in high-population countries	2024	Multifaceted Uses of Cutting-Edge Technologies and Social Concerns				243	273	Book chapter
1433	Valsa S.M.; Bondalapati S.; Sivakumar U.; Teja C.D.N.; Chakravarthy K.M.	Study on the qualitative phytochemical analysis of ethanolic extract of Terminalia paniculata bark	2024	Pravara Medical Review	16	4		27	32	Article
1434	Udayagiri H.; Sana S.S.; Dogiparthi L.K.; Vadde R.; Varma R.S.; Koduru J.R.; Ghodake G.S.; Somala A.R.; Boya V.K.N.; Kim S.-C.; Karri R.R.	Phytochemical fabrication of ZnO nanoparticles and their antibacterial and anti-biofilm activity	2024	Scientific Reports	14	1	19714			Article
1435	Rankhambe D.; Sanjay Ainapure B.; Appasani B.; Srinivasulu A.; Bizon N.	Analyzing the Impact of Binaural Beats on Anxiety Levels by a New Method Based on Denoised Harmonic Subtraction and Transient Temporal Feature Extraction	2024	Bioengineering	11	12	1251			Article
1436	Paswan R.K.; Gogineni A.; Sharma S.; Kumar P.	Predicting split tensile strength in Portland and geopolymers using machine learning algorithms: a comparative study	2024	Journal of Building Pathology and Rehabilitation	9	2	129			Article
1437	Kumar P.Y.; Kumar A.; Sendhil S.; Duraisamy N.; Sundararaj D.; Muthu S.; Digala P.	Promising Health Benefits of Fucoxanthin	2024	Texila International Journal of Public Health	2024-December	Special Issue				Article
1438	Singh A.R.; Kumar R.S.; Madhavi K.R.; Alsaif F.; Bajaj M.; Zaitsev I.	Optimizing demand response and load balancing in smart EV charging networks using AI integrated blockchain framework	2024	Scientific Reports	14	1	31768			Article
1439	Natarajan M.; Pasupuleti T.; Kiruthika J.; Krishnamachary P.C.; Silambarasan R.	Optimization of Wire Electrical Discharge Machining Parameters for SAE 1010 Material Using Taguchi-Based Grey Relational Approach	2024	SAE Technical Papers						Conference paper
1440	Natarajan M.; Pasupuleti T.; Kiruthika J.; Katta L.N.; Silambarasan R.	Optimization of Wire Electrical Discharge Machining Parameters for SAE 1010 Material Using TOPSIS Method	2024	SAE Technical Papers						Conference paper
1441	Joy M.; Jha S.S.; Pandey B.K.; Kumar M.S.; Prasanna P.L.; Lalitha M.	Utilizing the internet of everything and artificial intelligence for real-time workforce management	2024	Role of Internet of Everything (IOE), VLSI Architecture, and AI in Real-Time Systems				153	168	Book chapter
1442	Panda S.P.; Kesharwani A.; Singh B.; Mariseti A.L.; Chaitanya M.V.N.L.; Dahiya S.; Ponnusankar S.; Kumar S.; Singh M.; Shakya P.K.; Prasad P.D.; Guru A.	14–3-3 protein and its isoforms: A common diagnostic marker for Alzheimer's disease, Parkinson's disease and glaucomatous neurodegeneration	2024	Ageing Research Reviews	102		102572			Review
1443	Natarajan M.; Pasupuleti T.; Kiruthika J.; Krishnamachary P.C.; Silambarasan R.	Optimization of Wire Electrical Discharge Machining Parameters for Invar 36 Material Using Regression Modeling	2024	SAE Technical Papers						Conference paper
1444	Pratyusha N.; Tarakaramu N.; R S.B.; Somasekhar Srinivas V.K.; Ahmad F.; Waqas M.; Abdullaeva B.; Gupta M.	Three-dimensional stagnation point motion of bioconvection nanofluid via moving stretching sheet with convective and anisotropic slip condition	2024	Partial Differential Equations in Applied Mathematics	12		100958			Article
1445	Pasupuleti T.; Natarajan M.; Kiruthika J.; Ramesh Naik M.; Silambarasan R.	Optimization and ANFIS Predictive Modeling of Additive Manufacturing (Fused Deposition Modeling) for PLA Material	2024	SAE Technical Papers						Conference paper
1446	Pasupuleti T.; Natarajan M.; Kiruthika J.; Katta L.N.; Silambarasan R.	Development of ANFIS Predictive Model for Wire Electrical Discharge Machining of Cupronickel Material	2024	SAE Technical Papers						Conference paper
1447	Natarajan M.; Pasupuleti T.; Kiruthika J.; Palanisamy D.; Silambarasan R.	Optimization and Regression Modeling of Additive Manufacturing (Fused Deposition Modeling) of PETG Material for Automobile Applications	2024	SAE Technical Papers						Conference paper
1448	Sujatha D.; Rani R.U.; Vennila G.; Marimuthu A.; Renugadevi M.; Rajendran L.	Understanding the nonlinear reactive transport model in porous catalysts	2024	International Journal of Electrochemical Science	19	12	100852			Article
1449	Ganthia B.P.; Praveen B.M.; Barkunan S.R.; Marthanda A.V.G.A.; Kumar N.M.G.; Kaliappan S.	ENERGY MANAGEMENT IN HYBRID PV-WIND-BATTERY STORAGE-BASED MICROGRID USING MONTE CARLO OPTIMIZATION TECHNIQUE	2024	Journal of Mechanics of Continua and Mathematical Sciences	19	12		224	255	Article
1450	Karpagalakshmi R.C.; Rani D.L.; Magendiran N.; Manikandan A.	An Energy-Efficient Bio-Inspired Mobility-Aware Cluster p-WOA Algorithm for Intelligent Whale Optimization and Fuzzy-Logic-Based Zonal Clustering Algorithm in FANET	2024	International Journal of Computational Intelligence Systems	17	1	258			Article
1451	Das S.; Maitra S.K.; Thrinath B.V.S.; Choudhury U.; Swathi G.V.; Datta G.	An effective sizing study on PV-wind-battery hybrid renewable energy systems	2024	e-Prime - Advances in Electrical Engineering, Electronics and Energy	10		100824			Article
1452	Arun V.; Stonier A.A.; Peter G.; Vignesh K.E.; Shahila D.F.D.	9–Level switched capacitor–high-voltage gain boosting inverter (SC-HVGBI) topology with reduced voltage stress	2024	Electrical Engineering	106	6		7985	8001	Article
1453	Badre P.; Ashokkumar N.; Palav M.R.; Umare K.; Selvi G.P.; Badre S.	VLSI architectures for real-time business intelligence	2024	Role of Internet of Everything (IOE), VLSI Architecture, and AI in Real-Time Systems				137	152	Book chapter

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1454	Pasupuleti T.; Natarajan M.; Kiruthika J.; Ramesh Naik M.; Silambarasan R.	Application of TOPSIS Approach for Optimization on Additive Manufacturing (Fusion Deposition Modeling) of TPU Material: A Systematic Approach for Process Enhancement	2024	SAE Technical Papers						Conference paper
1455	Bukke S.P.N.; Komarla Kumarachari R.; Komarla Rajasekhar E.S.; Dudekula J.B.; Kamati M.	Computational intelligence techniques for achieving sustainable development goals in female cancer care	2024	Discover Sustainability	5	1	390			Review
1456	Nassa V.K.; Krishna K.H.; Subbiah R.; Somasekar J.; Poshamallu G.; Tiwari M.	Exploring the use of the internet of things in cybersecurity and data science	2024	Interdisciplinary Approaches to AI, Internet of Everything, and Machine Learning				217	230	Book chapter
1457	Janardhan M.; Neelima A.; Siri D.; Sathish Kumar R.; Balakrishna N.; Sreenivasa N.; Singasani T.R.; Vatambeti R.	Segment-Based Unsupervised Deep Learning for Human Activity Recognition using Accelerometer Data and SBOA based Channel Attention Networks	2024	International Research Journal of Multidisciplinary Technovation	6	6		1	16	Article
1458	Akula N.K.; S S.B.; Tarakaramu N.; Ramesh O.; Askar S.; Rayudu U.M.; Ahmad H.; Khan M.I.	An intuitionistic fuzzy graph's variation coefficient measure with application to selecting a reliable alliance partner	2024	Scientific Reports	14	1	18000			Article
1459	Maheswari P.U.; Shivaram K.T.; Prasanth P.V.; Umare K.; Chavan M.; Shaik N.	Real-time pharmacovigilance using signal processing	2024	Role of Internet of Everything (IOE), VLSI Architecture, and AI in Real-Time Systems				417	432	Book chapter
1460	Gopalan S.H.; Manikandan A.; Dharani N.P.; Sujatha G.	Enhancing IoT Security: A Blockchain-Based Mitigation Framework for Deauthentication Attacks	2024	International Journal of Networked and Distributed Computing	12	2		237	249	Article
1461	Ghosh G.; Nandagopal K.; Shivaram K.T.; Chandrashekara A.C.; Barua S.; Sharma P.	Mathematical modeling of realtime signal processing in IoE	2024	Role of Internet of Everything (IOE), VLSI Architecture, and AI in Real-Time Systems				19	32	Book chapter
1462	Pasupuleti T.; Natarajan M.; Kiruthika J.; Krishnamachary P.C.; Silambarasan R.	Optimization of Wire Electrical Discharge Machining Parameters for Invar 36 Material Using TOPSIS Method	2024	SAE Technical Papers						Conference paper
1463	Sabarirajan A.; Srivenidevi D.; Kuragayala P.S.; Shyam S.S.; Chandratreya A.; Shagar Banu M.	Factors and interpretable models in data-driven management information systems to enhance job satisfaction of road transport employees	2024	Public Sector and Workforce Management in the Digital Age				177	195	Book chapter
1464	Ramalingam S.; Tanaka K.; Tarakaramu N.; Murugan M.; Kaliyaperumal A.; Khan M.I.	Assessing multi-decadal climatic variability and its impact on cardamom cultivation in the Indian Cardamom Hills	2024	Scientific Reports	14	1	29283			Article
1465	Yousaf M.Z.; Singh A.R.; Khalid S.; Bajaj M.; Kumar B.H.; Zaitsev I.	Bayesian-optimized LSTM-DWT approach for reliable fault detection in MMC-based HVDC systems	2024	Scientific Reports	14	1	17968			Article
1466	Nagalakshmi M.; Chandrika Reddy P.; George A.S.; Kumar M.S.; Manju G.; Pandey N.	IoE and AI in real-time ecommerce personalization	2024	Role of Internet of Everything (IOE), VLSI Architecture, and AI in Real-Time Systems				213	228	Book chapter
1467	Yousaf M.Z.; Singh A.R.; Khalid S.; Bajaj M.; Kumar B.H.; Zaitsev I.	Enhancing HVDC transmission line fault detection using disjoint bagging and bayesian optimization with artificial neural networks and scientometric insights	2024	Scientific Reports	14	1	23610			Article
1468	Upreti P.; Devhare L.D.; Abdulmageed L.H.; Kumar Y.G.; Kumar R.; Dharmamoorthy G.	Combating antibiotic resistance: Leveraging fecal microbial transplantation for gut health	2024	Emerging Paradigms for Antibiotic-Resistant Infections: Beyond the Pill				211	232	Book chapter
1469	Orekanti E.R.; Buragadda V.; Salammagari S.D.; Vallepu G.S.	Effective Utilization of Stone Powder in Road Construction Using Sandwich Technique: A Laboratory Study	2024	Transportation Infrastructure Geotechnology	11	6		3695	3713	Article
1470	Natarajan M.; Pasupuleti T.; Kiruthika J.; Katta L.N.; Silambarasan R.	Optimization of Additive Manufacturing (Fused Deposition Modeling) of PLA Material Using TOPSIS Approach	2024	SAE Technical Papers						Conference paper
1471	Nelson V.K.; Mayasa V.; Dogiparthi L.K.; Shyam P.; Roshini S.; Karunya K.; Venu K.; Pendyala V.; Upadhyay A.; Sharma N.; Dudekula J.B.; Mani R.R.; Kotha K.K.	Pharmacology of andrographolide and its analogs: An update	2024	Andrographolide and its Analogs: Botanical Sources, Phytochemistry, Pharmacology, and Biotechnology				79	96	Book chapter
1472	Rashed A.N.Z.; Yarrarapu M.; Prabu R.T.; Raj Antony G.S.; Edeswaran L.; Kumar E.S.; Aswitha K.; Snehith N.; Ahammad S.H.	Connected smart elevator systems for smart power and time saving	2024	Scientific Reports	14	1	19330			Article
1473	Pasupuleti T.; Natarajan M.; Kiruthika J.; Katta L.N.; Silambarasan R.	Development of Regression Analysis for Wire Electrical Discharge Machining of SAE 1010 Material	2024	SAE Technical Papers						Conference paper
1474	Prathibha I.; Rani D.L.	Rainfall Forecasting in India Using Combined Machine Learning Approach and Soft Computing Techniques: A HYBRID MODEL	2024	International Journal of Computational and Experimental Science and Engineering	11	1		313	319	Article
1475	Gaddam S.A.; Kotakadi V.S.; Allagadda R.; T V.; Velakanti S.G.; Samanchi S.; Thangellamudi D.; Masarapu H.; Maheswari P U.; Ch A.R.; Zereffa E.A.	Bioinspired multifunctional silver nanoparticles by Smilax Chenensis and their enhanced biomedical and catalytic applications	2024	Scientific Reports	14	1	29909			Article
1476	Charan Y.V.N.S.S.; Kataria A.; George A.S.; Kumar M.S.; Nagalakshmi M.V.N.; Chandrika Reddy P.	AI-enhanced realtime economic data analysis using IoE	2024	Role of Internet of Everything (IOE), VLSI Architecture, and AI in Real-Time Systems				33	43	Book chapter
1477	Sunkara E.; Seo K.-H.; Mengist C.K.; Ratnam M.V.; Niranjan Kumar K.; Venkata Chalapathi G.	Role of QBO and MJO in Sudden Stratospheric Warmings: A Case Study	2024	Atmosphere	15	12	1458			Article

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1478	Thejasree P.; Manikandan N.; Sunheriya N.; Giri J.; Chadge R.; Sathish T.; Kumar A.; Ammarullah M.I.	Development of an artificial intelligence model for wire electrical discharge machining of Inconel 625 in biomedical applications	2024	IET Collaborative Intelligent Manufacturing	6	4	e70015			Article
1479	Sasidharan L.; Sampson U.; Ponnazhagan K.; Asokan K.M.; Chakravarthy K.M.	Evaluation of homocysteine and asymmetric dimethyl arginine (adma)levels in hypertensive disorders of pregnancy	2024	Pravara Medical Review	16	4		61	66	Article
1480	Sahu S.; Mahajan R.; George A.S.; Kumar M.S.; Srivastava V.; Behera B.B.; Savariapitchai M.	IoE and AI in real-time customer behavior analysis	2024	Role of Internet of Everything (IOE), VLSI Architecture, and AI in Real-Time Systems				241	256	Book chapter
1481	Muthukaruppasamy S.; Arun Sampaul Thomas G.; Nandha Gopal J.; Anand A.J.; Parimalasundar E.	Diagnostics, treatment and patient care in the age of digital twins: A game-changer in healthcare	2024	Handbook of Industrial and Business Applications with Digital Twins				282	306	Book chapter
1482	Pasupuleti T.; Natarajan M.; Kiruthika J.; Navya C.; Silambarasan R.	Optimization of Wire Electrical Discharge Machining Parameters for Cupronickel Material Using TOPSIS Method	2024	SAE Technical Papers						Conference paper
1483	Thejasree P.; Natarajan M.	Applications of hybrid artificial intelligence tool in wire electro discharge machining of 7075 aluminium alloy	2024	International Journal on Interactive Design and Manufacturing	18	10		7305	7316	Article
1484	Kumar P.; Gogineni A.; Upadhyay R.	Mechanical performance of fiber-reinforced concrete incorporating rice husk ash and recycled aggregates	2024	Journal of Building Pathology and Rehabilitation	9	2	144			Article
1485	Saravanan R.; Anand R.; Boopathi C.; Babu L.G.; Yasminebegum A.; Ravivarman G.; Girimurugan R.	Mechanical Properties of Polyethylene/Hemp/Lignin Hybridized Composites	2024	International Journal of Vehicle Structures and Systems	16	5		738	743	Article
1486	Natarajan M.; Pasupuleti T.; Kiruthika J.; Katta L.N.; Silambarasan R.	Optimization and ANFIS Predictive Modeling of Wire Electrical Discharge Machining for Invar 36 Material	2024	SAE Technical Papers						Conference paper
1487	Tirmare A.H.; Gowda V D.; Dhabarde R.J.; Tirmare H.A.; Kale S.B.; Suryawanshi V.A.; Kumar N A.	Modulated advancements in semiconductor-based nanomaterials for environmental solutions	2024	Nanotechnology for Environmental Engineering	9	4		525	537	Article
1488	Sateesh K.A.; Yaliwal V.S.; Murugande B.K.; Banapurmth N.R.; Elumalai P.V.; Balasubramanian D.; Lawrence K.R.; Fouad Y.; Soudagar M.E.M.; Le H.C.; Le T.T.; Kalam M.A.; Kit C.C.; Balram Y.	Effect of nano-particles on the combustion and emission characteristics of a dual fuel engine operated on biodiesel-producer gas combination	2024	Case Studies in Thermal Engineering	64		105560			Article
1489	Rajaram R.S.; Babu P.K.; Victor K.; Kandasamy R.; Pushpanathan G.; Sivakumar V.; Pushpanathan R.; Vinayagam M.; Barathy S.	Fuzzy Logic-based Power Optimizer for Solar Photovoltaic Power Systems	2024	Pertanika Journal of Science and Technology	32	S1		93	110	Article
1490	Singh A.R.; Suresh K.; Parimalasundar E.; Kumar B.H.; Bajaj M.; Tuka M.B.	Design and performance evaluation of a multi-load and multi-source DC-DC converter for efficient electric vehicle power systems	2024	Scientific Reports	14	1	25718			Article
1491	Madhavan V.M.; Sekaran J.J.G.; Reddy K.V.R.; Babu D.M.; Ahmed M.J.; Yasminebegum A.; Girimurugan R.	Investigation on Three Pass Curved Serpentine Flow Channel PEM Fuel Cell Performance for Dissimilar Cell Potential using COMSOL	2024	International Journal of Vehicle Structures and Systems	16	5		703	707	Article
1492	Suresh K.; Parimalasundar E.; Kumar B.H.; Singh A.R.; Bajaj M.; Tuka M.B.	Design and implementation of a universal converter for microgrid applications using approximate dynamic programming and artificial neural networks	2024	Scientific Reports	14	1	20899			Article
1493	Ranjith J.; Mahantesh K.; Tilak Babu S.B.G.; Ashok Kumar N.; Rama Prasad M.V.; Hariram V.	Optimising AI network resource allocation in healthcare with quantum-inspired techniques	2024	AI and Quantum Network Applications in Business and Medicine				101	118	Book chapter
1494	Chanderasekaran J.H.R.; Naidu B.V.V.; Palanisamy S.; Vallinayagam S.; Saminathan R.	Enhancing mechanical performance of kenaf fiber reinforced polymer composites: influence of fiber characteristics and processing techniques	2024	Interactions	245	1	346			Article
1495	Devarajan D.; Dhana lakshmi P.; Krishnaveni S.; Senthilkumar S.	Human monkeypox disease prediction using novel modified restricted Boltzmann machine-based equilibrium optimizer	2024	Scientific Reports	14	1	17612			Article
1496	Singh A.R.; Suresh K.; Parimalasundar E.; Kumar B.H.; Bajaj M.; Tuka M.B.	A high-efficiency poly-input boost DC–DC converter for energy storage and electric vehicle applications	2024	Scientific Reports	14	1	18176			Article
1497	Kumar B.J.; Tarakaramu N.	HEAT GENERATION EFFECT ON 3D MHD FLOW OF CASSON FLUID VIA POROUS STRETCHING/SHRINKING SURFACE WITH VELOCITY SLIP CONDITION	2024	East European Journal of Physics	2024	4		187	194	Article
1498	Vishalatchi S.; Murugan K.; Ramrao N.; Sharan P.	Modeling and realization of photonic biosensor for hazardous virus detection using ML approach	2024	Journal of Optics (India)	53	5	e202200001	4392	4404	Article
1499	Kumar R.; Bairwa K.N.; Vemanaboina H.; Naidu B.V.; Shoush K.A.; Pushkarna M.; Tuka M.B.; Ghoneim S.S.M.	Enhancing wear resistance of aluminum 6061 composites with fly ash: A sustainable approach for industrial applications	2024	Advances in Mechanical Engineering	16	10				Article
1500	Satyanarayana M.V.N.V.; Vijayakrishna B.; Srinivasnaik M.; Kolagotla R.K.; Janaki D.V.; Prakash P.	Influence of overlapping friction stir processing on microstructural evolution, texture development, and mechanical performance in Al6061	2024	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	238	10		1865	1876	Article

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1501	Chithambar Ganesh A.; Raju H.P.; Margret L.; Jinendra U.	Rice Husk Ash based Sodium Silicate as the Alkali Activator in slag based Geopolymer Concrete	2024	E3S Web of Conferences	559		4003			Conference paper
1502	Senthil kumar S.; Komble S.P.; Konduri P.S.R.; Kumar R.; Surulivel rajan T.; Khairnar Y.; Tarigonda H.	Advanced Power Electronics for Efficient Integration of Renewable Energy into the Grid	2024	E3S Web of Conferences	591		5005			Conference paper
1503	Arivendan A.; Keerthiveettill Ramakrishnan S.; Chen X.; Zhang Y.-F.; Gao W.; Syamani F.A.; Thangiah W.J.J.; Siva I.	Extraction and characterization of novel Prosopis Juliflora bark and Boehmeria nivea fibre for use as reinforcement in the hybrid composites with the effect of curing temperature, fibre length and weight percentages	2024	International Journal of Biological Macromolecules	279		135093			Article
1504	Geetha P.; Jothiprashanth R.; Satyam	Modeling of Vibrational Energy Collection for Self Powered Electric Vehicles Using Soft-Contact Triboelectric Nanogenerator	2024	SAE Technical Papers						Conference paper
1505	Mathanbabu M.; Murugan K.; Guruprasad B.; Thirumalaikumarasamy D.; Bihari B.; Balaji M.; More S.N.; Manoj J.K.; Mohanraj C.M.; Girimurugan R.	Effect of Scandium Interlayer Friction Stir Welding on the Aluminium Alloys	2024	International Journal of Vehicle Structures and Systems	16	3		419	423	Article
1506	Adnan M.M.; Sharma A.; Saravanan T.; Reena R.; Bhagat R.K.; Jolad B.; Kumaraswamy Naidu K.	Advanced Control Strategies for Multilevel Inverters in Renewable Energy Systems: Enhancing Power Quality and Efficiency	2024	E3S Web of Conferences	591		1013			Conference paper
1507	Kuttiappan A.; Chenchula S.; Vanangamudi M.; Bhatt S.; Chikatiipalli R.; Shaila Bhanu P.; Bandaru N.	Hepatoprotective effect of flavonoid rich fraction of Sesbania grandiflora: Results of In vivo, in vitro, and molecular docking studies	2024	Journal of Ayurveda and Integrative Medicine	15	5	101036			Article
1508	Bostani A.; Kulshreshtha K.; Agarkar A.A.; Karthika K.; Sarathy K.; Pawar A.M.; Ashreetha B.	Adaptive Energy Management System for Electric Vehicle Charging Stations: Leveraging AI for Real-Time Grid Stabilization and Efficiency	2024	E3S Web of Conferences	591		4002			Conference paper
1509	Mangate L.D.; Alabdeli H.; Agarwal R.; Saravanan T.; Janakiraman V.; Sherje N.; Kumaraswamy Naidu K.	Adaptive Energy Management System for Enhancing Efficiency and Reliability in Hybrid Renewable Energy Systems	2024	E3S Web of Conferences	591		1015			Conference paper
1510	Tallapragada V.V.S.; Reddy D.V.; Kumar G.V.P.	Blind forgery detection using enhanced mask-region convolutional neural network	2024	Multimedia Tools and Applications	83	37		84975	84998	Article
1511	Prasad K.R.; Karanam S.R.; Ganesh D.; Liyakat K.K.S.; Talasila V.; Purushotham P.	Corrigendum to “AI in public-private partnership for IT infrastructure development” [The Journal of High Technology Management Research 35 (2024) 1–10/100496] (Journal of High Technology Management Research (2024) 35(1), (S1047831024000051), (10.1016/j.hitech.2024.100496))	2024	Journal of High Technology Management Research	35	2	100514			Erratum
1512	Buragadda V.; Thyagaraj T.; Dhiman R.; Orekanti E.R.; Maddileti T.K.	Influence of Geosynthetic Reinforcement Geometrical Parameters on Load-Bearing Capacity of Sand: An Experimental Study	2024	Transportation Infrastructure Geotechnology	11	5		3424	3450	Article
1513	Gupta D.K.; Dei G.; Soni A.K.; Jha A.V.; Appasani B.; Bizon N.; Srinivasulu A.; Nsengiyumva P.	Fractional order PID controller for load frequency control in a deregulated hybrid power system using Aquila Optimization	2024	Results in Engineering	23		102442			Article
1514	Bandaru N.; Shamim N.; Nagalakshmi S.B.; Sunanda T.; Hanisha Ch.; Gambhire M.S.; Dudhe P.B.; Kranthi Y.; Kumar P.K.; Gowravi P.N.S.	Preparation of Platinum Nanoparticles of Biophytum reinwardtii and Evaluation of Neuroprotective Activity of MPTP-induced Parkinson’s Disease in Zebra Fish	2024	Biomedical and Pharmacology Journal	17	3		1635	1645	Article
1515	Momena A.F.; Gazi K.H.; Rahaman M.; Sobczak A.; Salahshour S.; Mondal S.P.; Ghosh A.	Ranking and Challenges of Supply Chain Companies Using MCDM Methodology	2024	Logistics	8	3	87			Article
1516	Venkatramana P.; Basha S.J.; Sankarnath V.; Rao Y.M.; Subramanyam M.V.	A Novel Technique to Design GNRFET Based Ternary Logic Circuits for High-Performance Applications	2024	Russian Microelectronics	53	5		492	499	Article
1517	Alluraiah N.C.; Nandagopal V.; Veeramanikandan P.; Godfrey D.; Meena S.; Brindha G.	Comparison of SoC in Ni-MH and Lithium-Ion Battery for E-Vehicle	2024	International Journal of Electrical and Electronics Research	12	4		1258	1263	Article
1518	Arun Kumar K.; Varun Chand H.; John N.M.; Emmanuel S.; Polamarasetty S.; Sabharwal S.	Exploring the impact of cloud and edge computing in education: Addressing challenges and unveiling opportunities	2024	AIP Conference Proceedings	3149	1	140017			Conference paper
1519	Verma R.; Sethi P.; Rastogi S.; Mundhe V.S.; Ks R.; Mishra S.; Bhurat M.R.; Samathoti P.	Statistical Design Approach for the Formulation And Optimization of Nanosponges Using Poorly Water-soluble Candidate	2024	Zhongguo ying yong sheng li xue za zhi = Zhongguo yingyong shenglixue zazhi = Chinese journal of applied physiology	40			e20240021		Article
1520	Arivendan A.; Keerthiveettill Ramakrishnan S.; Chen X.; Zhang Y.-F.; Gao W.; Syamani F.A.; Thangiah W.J.J.; Siva I.; Prabhu S.R.B.	Effect of moringa filler powder in Eichhornia crassipes fibre-reinforced polymer composites: advancement in mechanical properties and environmental sustainability	2024	Polymer Bulletin	81	17		16121	16135	Article

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1521	Geetha P.; Satyam S.; Jothiprashanth R.	Modelling of Energy Scavenging from Rolling Tyres Using Contact-Separation Mode Triboelectric Nano Generators for Self Powered Electric Vehicles	2024	SAE Technical Papers						Conference paper
1522	Baneş V.; Ravariu C.; Srinivasulu A.	New Functionality for Moodle E-Learning Platform: Files Communication by Chat Window	2024	Applied Sciences (Switzerland)	14	18	8569			Article
1523	Badhoutiya A.; Srisainath R.; Shirbavikar K.A.; Bhuvaneshwari P.; Al-Farouni M.; Narkhede J.; Anil Kumar N.	AI-Driven Optimization of Fuel Cell Performance in Electric Vehicles	2024	E3S Web of Conferences	591		4003			Conference paper
1524	Husain S.O.; Shukla A.; Bharsakade R.S.; Edwin Prabhakar P.B.; Vijayaraghavan P.; Sherje N.; Tarigonda H.	Thermal Management Strategies in High-Power Energy Storage Device	2024	E3S Web of Conferences	591		5012			Conference paper
1525	Addepalli T.; Rao J.C.; Vidyavathi T.; Kamili J.B.; Koppala N.; kumar C.M.	Multiple Slotted Quad-Band Two Element Multiple Input Multiple Output Antenna with Defected Ground Structure for UMTS, WLAN, and 5G Sub-6 GHz Applications	2024	Wireless Personal Communications	138	2		1385	1403	Article
1526	Rathore D.; Chauhan P.; Bonagiri A.; Gandhi L.; Maisnam D.; Kumar R.; Row A.T.; Kesavulu M.M.; Venkataramana M.	Non-RBD peptides of SARS-CoV-2 spike protein exhibit immunodominance as they elicit both innate and adaptive immune responses	2024	Heliyon	10	21	e39941			Article
1527	Deore V.; Mahajan M.; Siva I.; Shinde A.; Waghmare S.; Dol S.S.; Ahmad K.A.; Sultan M.T.H.	Silicone rubber nanocomposites: Optimal graphene dosing for mechanical and electrical enhancements	2024	Journal of Materials Research and Technology	33			5543	5550	Article
1528	Jeevitha D.; Chimmalagi U.; Adishesha K.; Hosamani G.B.; Vinay T.V.; Dharmatti P.R.	Influence of Planting Methods on Growth, Yield and Storage of Onion (Allium cepa L.) var. Bhima Shakti	2024	Indian Journal of Agricultural Research	58	5		885	888	Article
1529	Nataraj C.; Ashokkumar N.; Mukil A.; Selvaperumal S.K.	FPGA architectures for FFT-based2-D soft decision decoding in the frequency domain for two-dimensional data storage applications	2024	AIP Conference Proceedings	3161	1	20072			Conference paper
1530	Geetha N.; Sunitha G.	Pelican optimization algorithm with convolutional-recurrent hop field neural network for unmanned aerial image classification model	2024	Multimedia Tools and Applications	83	33		79029	79046	Article
1531	Balakrishna N.; Basha K.M.S.; Rajasree T.; Vinita P.; Gnanaprakash C.; Ghamya K.; Rao Bangole N.K.	Machine learning for real-time stress analysis in IT teams	2024	Impact of Corporate Social Responsibility on Employee Wellbeing				101	116	Book chapter
1532	Siva Kumar S.A.; Siva I.	Puncture Behaviour Simulation for Varying Striking Velocity and Indentation Mass on BLARE Laminated Structures	2024	AIP Conference Proceedings	3022	1	20009			Conference paper
1533	Samineni R.; Samathoti P.; Gouru S.A.; Khan A.; Priyadharshni P.S.P.; Manda K.; Kishore V.M.; Podila N.	In-silico Investigation and Development of Cyclooxygenase-2 (1CX2) Selective Inhibition as a Possible Anti-Inflammatory Activity	2024	Biomedical and Pharmacology Journal	17	3		1769	1783	Article
1534	Vairavan C.; Manigandan K.	An Analysis of the Consequences of the COVID-19 Pandemic on Seafarers’ Mental Health	2024	Journal of Maritime Research	21	2		313	316	Article
1535	Vippamakula S.; Sujatha S.; Mahalakshmi P.S.	Correlation of pharmacokinetics, pharmacodynamics, and pharmacogenomics	2024	A Short Guide to Clinical Pharmacokinetics				121	156	Book chapter
1536	Ashalatha K.; Narasimhulu K.	Enhancing Concrete Durability: Structural Health Monitoring Of Polypropylene Fiber-Reinforced Concrete with Accelerometer Sensors	2024	E3S Web of Conferences	591		9003			Conference paper
1537	Pasupuleti T.; Natarajan M.; Palanisamy D.; Gnanarathinam G.; Umapathi D.; Kiruthika J.	Development of ANFIS Predictive Model for Additive Manufacturing of TPU Material	2024	SAE Technical Papers						Conference paper
1538	Poojitha P.; Dharani M.	EEG based Early Detection of Autism using Convolutional Neural Networks	2024	International Journal of Electrical and Electronics Research	12	4		1163	1172	Article
1539	Mediga K.R.; Sunkad G.; Sharma M.	Exploration of stable host-plant resistant sources to sterility mosaic disease of pigeonpea (Cajanus cajan L. Huth)	2024	Research on Crops	25	3	ROC-1115	434	438	Article
1540	Kona P.; Jagan Mohana Rao P.; Rao R.G.S.; Latha V.S.	Redefining Isolation Distance Standards for Quality Seed Production in Hybrid Pigeonpea [Cajanus cajan (L.) Mill sp.]	2024	Legume Research	47	9		1588	1591	Article
1541	Devi R.B.; Suseela G.; Painam R.K.; Swetha T.; Suryanarayana G.; Madhavi R.K.	Intelligent Fault Diagnosis in Industrial Machinery: Leveraging AI with LSTM Autoencoder for Enhanced Fault Detection	2024	Journal of Machine and Computing	4	4		931	942	Article
1542	Venkatesh M.; Yadav C.H.; Varalakshmi M.	Substituted-1,3,4-oxadiazole Indole Derivatives: Design, Synthesis, Characterization, and Evaluation of the Antimicrobial and Anti-Inflammatory Activities	2024	Russian Journal of Organic Chemistry	60	11		2276	2289	Article
1543	Manohara M.; Muthukaruppasamy S.; Dharmaprakash R.; Sendilkumar S.; Bharadwaj D.D.; Parimalasundar E.	Power quality enhancement of grid-integrated solar photovoltaic system with unified power quality conditioner	2024	Electrical Engineering and Electromechanics	2024	6		44	48	Article
1544	Varshney N.; Sreetharan V.; Vennila C.; Ahila R.; Mane D.T.; Kshirsagar K.; Pragathi B.	Blockchain Technology in Energy Management Systems: Enhancing Security and Transparency	2024	E3S Web of Conferences	591		1007			Conference paper

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1545	Iqubal M.; Pratap B.; sathiyam P.; Stonier A.A.; Vanaja D.S.; Peter G.; Arun V.	A modular multiport Landsman converter-driven hybrid EV charging station with adaptive power management system	2024	Computers and Electrical Engineering	118		109422			Article
1546	Mukil A.; Ashokkumar N.; Lai N.S.; Lakshmanan R.	Cordic-based, high-performance, and resource-efficient FFT processor: Speech processing application	2024	AIP Conference Proceedings	3161	1	20147			Conference paper
1547	Yadav K.; Alsalamy Z.; Kala Priyadarshini G.; Vaidya P.R.; Thirumani Thangam V.; Kshirsagar K.; Sujatha M.S.	Exploring the Potential of Flow Batteries for Large-Scale Energy Storage Systems	2024	E3S Web of Conferences	591		1009			Conference paper
1548	Neela Murali V.K.; Starvin M.S.; I S.; Sultan M.T.H.	Biocompatible Mg–Al2O3–TiO2 hybrid nanocomposites: Influence of fillers on mechanical and corrosion properties	2024	Journal of Materials Research and Technology	32			2983	2992	Article
1549	Vali S.S.; N A.K.	Design of low delay low power hybrid logic based flip-flop using FinFET	2024	e-Prime - Advances in Electrical Engineering, Electronics and Energy	9		100648			Article
1550	Ramanuja M.; Muni Sarala G.; Kavitha J.; Akasam S.; Gopi Krishna G.	A fully developed viscous electrically conducting fluid through infinitely parallel porous plates	2024	Heat Transfer	53	7		3508	3524	Article
1551	Pol N.; Daveskar S.; Madhavi T.; Rao N.K.K.; Jeyanthi L.; Sukania P.; Vijayan V.	Comparative analysis of machine learning classifiers for enhancing business revenue and customer satisfaction: An empirical study	2024	AIP Conference Proceedings	3193	1	20099			Conference paper
1552	Birudala G.; Dighe R.D.; Kasimedu S.; Pulipati S.; Veluru H.; Gandupally N.; Singh G.	Exploring Indolyl Triazoles: Synthesis, Computational Profiling and Antimicrobial Assessment	2024	Asian Journal of Chemistry	36	9		2145	2152	Article
1553	Suvarna T.; Ganga Reddy K.; Madhu Mohan V.; Lavanya G.; Ramana Reddy M.V.; Vardhani C.P.	Development of high performance ammonia sensor based on Al doped SnO2 operable at room temperature	2024	Inorganic Chemistry Communications	167		112748			Article
1554	Ganvir H.V.; Kumar S.; Kumar R.; Halder B.; Palanisamy S.; Verma R.; Dolas D.R.; Arun V.; Jadhav V.D.; Selvaraju M.	Monitoring Atomic Layer Deposition by Potentiodynamic Electrochemical Impedance Spectroscopy of Multielement Adlayers	2024	Journal of New Materials for Electrochemical Systems	27	3		172	181	Article
1555	Pandey A.; Singh A.; Boyapati P.; Chaturvedi A.; Purushotham N.; Sangeetha M.	An automated ECG-based deep learning for the early-stage identification and classification of cardiovascular disease	2024	Technology and Health Care	32	6		5025	5045	Article
1556	Bishi B.K.; Lepse P.V.; Beesham A.	Impact of particle creation in Rastall gravity	2024	International Journal of Geometric Methods in Modern Physics	21	10	2440037			Article
1557	Gnanamoorthy T.; Paul J.; Alagesan J.; Narayanaswamy H.	Frequency of Neuropathy Symptoms in Diabetic Patients	2024	Scripta Medica (Banja Luka)	55	5		557	565	Article
1558	Chandra K.R.; Kumar B.J.; Taj D.M.; M P.; Devaki K.; Shekhar N.R.; Kommireddy S.; Chittipolu A.K.; Yerrakula G.	Effect of Coping Strategies on Pain Intensity in Patients with Rheumatoid Arthritis	2024	Journal of Pharmacology and Pharmacotherapeutics	15	3		277	283	Article
1559	Muppavaram K.; Gangopadhyay A.; Ramadass S.; Prakash N.; Shankar S.S.	Real-world impact: Case studies and success stories in AI-driven Alzheimer's disease research and care	2024	AI-Driven Alzheimer's Disease Detection and Prediction				237	249	Book chapter
1560	Maheswari K.; Padmaja N.	Distortion-less video wireless transmission in 5G new radio using delay-distortion-rate optimization (DDRO)	2024	International Journal of Communication Systems	37	16	e5904			Article
1561	Krishnan G.H.; Thrinath B.V.S.; Reddy M.R.; Sudhakar T.	Enhancing solar power generation through AC power prediction optimization in solar plants	2024	International Journal of Applied Power Engineering	13	3		645	652	Article
1562	Jayasree S.; Hemamalini V.; Bansal S.; Al-Farouni M.; Chaudhari R.J.; Landage M.; Suresh Babu D.	Integrated Fuel Cell and Electrolyzer Systems for Renewable Energy Storage and Conversion	2024	E3S Web of Conferences	591		5004			Conference paper
1563	Gautam A.; Madhavi T.	Assessing Financial Performance: A Ratio Analysis of Selected Pharmaceutical Companies in India	2024	Evergreen	11	3		1481	1492	Article
1564	Kumar M.V.; Raju H.P.; Raga Swaroop Reddy K.; Tharun Balaji B.	WQI Assessment for Swarnamukhi River water at Chandragiri, Andhra Pradesh, India	2024	E3S Web of Conferences	559		1004			Conference paper
1565	Edwin Prabhakar P.B.; Rajarajeswari S.; Antad S.; Jeshurun S.B.; Badhoutiya A.; Chandrika S.; Suresh Babu D.	Machine Learning Algorithms for Predictive Maintenance in Hybrid Renewable Energy Microgrid Systems	2024	E3S Web of Conferences	591		5002			Conference paper
1566	Durgadevi G.; Nalawade M.K.; Sharma K.; Nishanthi; Shnain A.H.; Sutar V.; Sujatha M.S.	Integration of Energy Storage with Wind Power Conversion Systems: Enhancing Grid Stability	2024	E3S Web of Conferences	591		2004			Conference paper
1567	Sudan P.; Jallepalli V.R.; Ramu B.; Bhongiri B.; Kumar S.D.S.; Kumar M.S.; Kumar V.R.	Evaluation of Antidepressant Activity and Phytochemical Screening of Plant Cordia Dichotoma	2024	Zhongguo ying yong sheng li xue za zhi = Zhongguo yingyong shenglixue zazhi = Chinese journal of applied physiology	40			e20240020		Article
1568	Sajin J.A.; Sreenivasan V.S.; Bright B.M.; Saravanan M.S.S.; Tharayil T.; Anish R.K.; Natarajan M.; Bharathiraja G.; Binoj J.S.	Thermite frass biomass and surface modified biowaste coir fiber reinforced biocomposites—Conversion of waste to useful products	2024	Biopolymers	115	6	e23616			Article
1569	Al-Fatlawy X.R.R.; Senthilkumar S.; Jeyalaxmi M.; Borse N.V.; Yadav K.; Landage M.; Suresh Babu D.	Impact of Energy Storage Technologies on Grid-Connected Renewable Energy Systems	2024	E3S Web of Conferences	591		5006			Conference paper
1570	Mohandass G.; Hari Krishnan G.; Selvaraj D.; Sridhathan C.	Lung Cancer Classification using Optimized Attention-based Convolutional Neural Network with DenseNet-201 Transfer Learning Model on CT image	2024	Biomedical Signal Processing and Control	95		106330			Article
1571	Kishore Kumar Y.B.; Prasad S.G.; Swapna Smitha A.S.; Chalapathi U.; Babu G.S.; Jayasree Y.; Bhaskar P.U.; Park S.-H.	Effect of carrier gas on copper antimony sulfide thin films by spray pyrolytic approach	2024	Chalcogenide Letters	21	9		719	727	Article

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1572	Cheepati K.R.; Daram S.B.; Rami Reddy C.; Mariprasanth T.; Alamri B.; Alqarni M.	Analysis of Transient Stability through a Novel Algorithm with Optimization under Contingency Conditions	2024	Energies	17	17	4404			Article
1573	Jaichandar S.	A Study on the Effects of Preheating Thevetia Peruviana Biodiesel on the Performance of CI Engine	2024	International Journal of Automotive Science and Technology	8	3		361	368	Article
1574	Shinde S.; Rajiv Gandhi N.; Simi Margarat G.; Khairnar Y.; Al-Jawahry H.M.; Landage M.; Kumaraswamy Naidu K.	Enhancing Power System Stability and Efficiency Using Flexible AC Transmission Systems (FACTS): A Comprehensive Analysis of Control Strategies and Applications	2024	E3S Web of Conferences	591		1014			Conference paper
1575	Anand K.T.; Poosapadi D.; Thrinath B.V.S.; Vijayan V.	Optimizing Warm Hydroforming of AA7075 for Enhanced Bipolar Plate Design in Proton Exchange Membrane Fuel Cells	2024	Journal of New Materials for Electrochemical Systems	27	3		227	235	Article
1576	Bharathi M.; Karthikeyan S.; Sankar I.; Siva I.	Acoustic Properties of PVC Core Natural Fiber Sandwich Structure	2024	AIP Conference Proceedings	3022	1	20002			Conference paper
1577	Reddy N V R.; N S.; B. N J.; Gandikota R.; Lella K.K.; Pydala B.; Vatambeti R.	Enhancing anomaly detection: A comprehensive approach with MTBO feature selection and TVETBO[sbnd]Optimized Quad-LSTM classification	2024	Computers and Electrical Engineering	119		109536			Article
1578	Muthukaruppasamy S.; Dharmaprasanth R.; Sendilkumar S.; Parimalasundar E.	Enhancing off-grid wind energy systems with controlled inverter integration for improved power quality	2024	Electrical Engineering and Electromechanics	2024	5		41	47	Article
1579	Mokhfi F.Z.; Al Amin M.; Zehravi M.; Sweilam S.H.; Arjun U.V.N.V.; Gupta J.K.; Vallamkonda B.; Balakrishnan A.; Challa M.; Singh J.; Prasad P.D.; Ali S.S.; Ahmad I.; Doukani K.; Emran T.B.	Alkaloid-based modulators of the PI3K/Akt/mTOR pathway for cancer therapy: Understandings from pharmacological point of view	2024	Chemico-Biological Interactions	402		111218			Review
1580	Umamaheswari R.; Avanija J.	Leveraging high-resolution remote sensing images for vehicle type detection using sparrow search optimization with deep learning	2024	Multimedia Tools and Applications	83	32		77549	77564	Article
1581	Yuvaraj S.; Al-Jawahry H.M.; Monisha Jothi R.; Varshney N.; Dongre G.G.; Shaikh A.S.; Sujatha M.S.	Design and Optimization of Multilevel Inverters for Enhanced Power Quality in Renewable Energy Applications	2024	E3S Web of Conferences	591		1008			Conference paper
1582	Ramesh R.; Thirugnanasambantham K.G.; Ravi L.; Sivakumar P.; Giridhar D.	Effect of agglomeration in carbon nanotube (CNT) reinforced aluminum (Al) composites: A review	2024	AIP Conference Proceedings	3161	1	20090			Conference paper
1583	Aravind A.R.; Santhi G.B.; Patil S.T.; Selvakumar P.; Sharma G.; Dhamone J.; Ragu Nathan S.	Blockchain Technology in Energy Markets: Enabling Peer-to-Peer Energy Trading	2024	E3S Web of Conferences	591		6002			Conference paper
1584	Mogarala Guruvaya A.; Kollu A.; Divakarachari P.B.; Falkowski-Gilski P.; Praveena H.D.	Bi-GRU-APSO: Bi-Directional Gated Recurrent Unit with Adaptive Particle Swarm Optimization Algorithm for Sales Forecasting in Multi-Channel Retail	2024	Telecom	5	3		537	555	Article
1585	Girimurugan R.; Ranjithkumar A.; Yasminebegum A.; Ahammad S.K.H.; Biswal S.R.; Ravivarman G.; Mariappan M.; Thirumalaikumarasamy D.	Investigating Electrical, Optical and Structural Characteristics of Cu-Doped TiO2 Nanostructured Thin Films Synthesized by Innovative Sol-Gel Process	2024	International Journal of Vehicle Structures and Systems	16	3		413	418	Article
1586	Digala P.; Muthu S.; Subramani N.; Duraisamy N.; Sundararaj D.	Understand the Fatty Acid Metabolic Reprogramming of Immune Cells in Colorectal Cancer	2024	Texila International Journal of Public Health	12	3				Article
1587	Teja N.B.; Smriti; Bhaskar C.; Nagamalleswari D.; Halder S.; Kannan M.	Harnessing biochar, biofuels, and solar cells: Transformative solutions for environmental impact	2024	Carbon-Based Materials and Environmental Remediation: Graphene, Biochar, and More				339	368	Book chapter
1588	Kumar R.H.; Sunitha G.	Big data analytics in healthcare environment using chaotic red deer optimizer with deep learning for disease classification model	2024	Multimedia Tools and Applications	83	32		77697	77715	Article
1589	Mukil A.; Ashokkumar N.; Nataraj C.; Selvaperumal S.K.	FPGA implementation to detect parallel faults in multiple FFT: Encoding of error-correcting codes	2024	AIP Conference Proceedings	3161	1	20100			Conference paper
1590	Elkady G.; Sayed A.; Priya S.; Nagarjuna B.; Haralayya B.; Aarif M.	An empirical investigation into the role of Industry 4.0 tools in realizing sustainable development goals with reference to fast moving consumer foods industry	2024	Advanced Technologies for Realizing Sustainable Development Goals: 5G, AI, Big Data, Blockchain, and Industry 4.0 Application				193	203	Book chapter
1591	Saravanan T.; Shnain A.H.; Sharma H.; Sathiya Naveena S.; Rajurkar A.U.; Sherje N.; Ragu Nathan S.	Hydrogen Production via Electrolyzers: Enhancing Efficiency and Reducing Costs	2024	E3S Web of Conferences	591		6003			Conference paper
1592	Manimaran A.; Syed M.H.; Kumar M.S.; Selvanayagi S.; Sunitha G.; Manna A.	Enhancing Asian Indigenous Language Processing through Deep Learning-based Handwriting Recognition and Optimization Techniques	2024	ACM Transactions on Asian and Low-Resource Language Information Processing	23	8	119			Article
1593	Kumar R.; Prabakaran A.; Gaigole P.M.; Esakkiammal U.; Divya N.; Sherje N.; Ragu Nathan S.	Advancements in Proton Exchange Membrane Fuel Cells Improving Efficiency and Durability	2024	E3S Web of Conferences	591		6001			Conference paper
1594	Kalavathy A.N.; Pathak P.; Ganesan P.; Nagarajan A.	Design of THz Refractive Index-Based Diamond Shaped Biosensor Using Gated Axial Attention Network for MTB Detection	2024	ECS Journal of Solid State Science and Technology	13	9	97003			Article

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1595	Tallapragada V.V.S.; Naresh M.; Pradeep Kumar G.V.; Sireesha V.	An Efficient Voice-Based Emotion Recognition Using Hybrid Capsule Slime Mould Dense Deep Learning Framework	2024	International Journal of Pattern Recognition and Artificial Intelligence	38	12	2450017			Article
1596	Udhayakumar A.; Ramya K.C.; Vijayakumar P.; Sheeba Rani S.; Balamanikandan A.; Saranya K.	Reversible Vedic Direct Flag Divider in Key Generation of RSA Cryptography	2024	Journal of VLSI Circuits and Systems	6	2		75	83	Article
1597	Sake S.M.; Likhitha T.; Naik M.L.; Sri Nihitha T.; Raju R.; Sachidananda K.B.	Additive Manufacturing Techniques for Biomedical Applications: A Critical Review	2024	AIP Conference Proceedings	3111	1	20002			Conference paper
1598	Reddy K.S.; Purushotham A.; kala K.L.; Gupta M.S.; Kumar P.K.; Vemanaboina H.	Thermal mapping of SS316L experimental and simulation for GTA welding process with moving heat source model using FEA	2024	International Journal on Interactive Design and Manufacturing	18	5		2755	2763	Article
1599	Ezhilvannan P.; Ramasamy D.; Subramanian S.K.; Krishnan S.	Enhancing power conversion efficiency in five-level multilevel inverters using reduced switch topology	2024	Bulletin of Electrical Engineering and Informatics	13	3		1495	1503	Article
1600	Naresh D.; Raju R.; Parveen S.	Design and development of alternate layer printing method to reduce the porosity in FDM printing process	2024	International Journal on Interactive Design and Manufacturing	18	5		3439	3448	Article
1601	Reddy T.K.; Devaraju T.; Vijayakumar M.	Optimizing Relay Coordination in Radial Distribution Systems with Solar PV Integration	2024	SSRG International Journal of Electrical and Electronics Engineering	11	7		23	38	Article
1602	Patil P.; Kadam S.U.; Aruna E.R.; More A.; Balajee R.M.; Rao B.N.K.	Recommendation System for E-Commerce Using Collaborative Filtering	2024	Journal Europeen des Systemes Automatisees	57	4		1145	1153	Article
1603	Rajput A.; Kumawat R.; Sharma J.; Srinivasulu A.	Design of Novel High Speed Energy Efficient Robust 4:2 Compressor	2024	Journal of VLSI Circuits and Systems	6	2		53	64	Article
1604	Vankadara K.; Daram S.B.	A novel optimization algorithm for UC, ELD and scheduling of hybrid energy storage system	2024	Multimedia Tools and Applications	83	25		66631	66656	Article
1605	Khan M.A.; Thejasree P.; Natarajan M.; Narasimhamu K.L.	Application of a hybrid Taguchi grey approach for determining the optimal parameters on wire electrical discharge machining of Ti6Al4V	2024	International Journal on Interactive Design and Manufacturing	18	5		3059	3076	Article
1606	Praveena K.; Divyasree P.; Rajesh P.; Tharun M.K.; Babu P.	Evaluating ILD designs in HRCT images using deep learning	2024	AIP Conference Proceedings	3028	1	20064			Conference paper
1607	Yadav A.K.; Gupta P.K.; Singh T.R.	PMTPred: machine-learning-based prediction of protein methyltransferases using the composition of k-spaced amino acid pairs	2024	Molecular Diversity	28	4		2301	2315	Article
1608	Vijayarajan S.M.; Manoj Kumar D.; Sudha G.; Reddy A.B.	Infrared thermal images using PCSAN-Net-DBOA: An approach of breast cancer classification	2024	Microscopy Research and Technique	87	8		1742	1752	Article
1609	Bangole N.K.R.; Thanvitha L.; Suraiya B.; Shashank Y.N.V.; Harshith N.L.	Human migration analysis using machine learning	2024	Media Representation of Migrants and Refugees				68	79	Book chapter
1610	Krishnan G.H.; Santhosh S.; Mohandass G.; Sudhakar T.	Non-Invasive Bio-impedance Diagnostics: Delving into Signal Frequency and Electrode Placement Effects	2024	Biomedical and Pharmacology Journal	17	2		769	778	Article
1611	Sivalingam V.; Liu H.; Tiwari S.; Kumar P.G.; Sun M.; Kai G.; Gupta M.K.; Eltaggaz A.; Raju R.	Effect of reinforced particles on the machinability of Al alloy under MQL, cryogenic, and hybrid lubrication	2024	International Journal of Advanced Manufacturing Technology	132	07-Aug		3349	3361	Article
1612	Roselet S.F.; Alshehri S.; Das K.; Vippamakula S.; Khormi A.M.S.; Almalki M.E.M.; Ahmad F.; Rabbani S.I.; Asdaq S.M.B.	Synthesis and Characterization of Mesoporous SBA-15 as Carriers to Improve the Rutin Dissolution Rate	2024	Journal of Biological Regulators and Homeostatic Agents	38	7		5473	5487	Article
1613	Venkataadri K.; Saravana R.; Bég O.A.; Kuharat S.; Leonard H.J.	Robust finite difference scheme for the magnetohydrodynamics natural convection in a quadrant-shaped enclosure with radiation effect	2024	European Physical Journal Plus	139	8	702			Article
1614	Prabu R.T.; Kumar C.R.; Devi P.K.; Shibu S.; Kumar A.K.; Xavier B.M.; Mahmmod F.K.	High efficiency coupling fibers with different types of photo detectors for the management of noise multiplication and efficient bandwidth	2024	Journal of Optical Communications	45			s2457	s2465	Article
1615	Sharma S.; Kumar A.; Bano S.; Kumar P.	Soft computing techniques for analysing the mechanical properties of egg shell powder-based concrete	2024	Advances in Civil and Architectural Engineering	15	28		119	132	Article
1616	Chitteti C.; Madhavi K.R.	Taylor African vulture optimization algorithm with hybrid deep convolution neural network for image captioning system	2024	Multimedia Tools and Applications	83	25		66393	66411	Article
1617	Avanija J.; Goundar S.; Sunitha G.; Reddy Madhavi K.; Balaji V.; Reddy P.T.S.	A taxonomy of edge computing	2024	The Future of Mobile Computing				21	37	Book chapter
1618	Tandon R.; Verma A.; Gupta P.K.	ASCM: Analysis of a Sequential and Collaborative Model for Recommendations	2024	SN Computer Science	5	6	788			Article
1619	Sachuthananthan B.; Vinoth R.; Sachidananda K.B.; Padmaja N.; Kezia Rani P.J.; Reddy S.N.	The Effects of the usage of Nano Additives on Engine characteristics with Blends of Papaya Methyl Ester as a substitute Fuel	2024	AIP Conference Proceedings	3111	1	60011			Conference paper
1620	Rajakumareswaran V.; Raguvaran S.; Chandrasekar V.; Rajkumar S.; Arun V.	DEEPFAKE DETECTION USING TRANSFER LEARNING-BASED XCEPTION MODEL	2024	Advanced Information Systems	8	2		89	98	Article

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1621	Rao N.G.R.; Singh G.; Patil A.R.B.; Aparna T.N.; Vippamakula S.; Dharmalingam S.; Kumarasamyraja D.; Kumar V.	Advances in Computational Biology for Diagnosing Neurodegenerative Diseases: A Comprehensive Review	2024	Zhongguo ying yong sheng li xue za zhi = Zhongguo yingyong shenglixue zazhi = Chinese journal of applied physiology	40			e20240008		Review
1622	Pillai S.K.; Bakka V.; Chand J.V.P.; Divakar B.; Thrinath B.V.S.; Mahaboosubahan G.	Six-Phase Induction Motor Design and Analysis Using Wind-Driven Optimization	2024	SSRG International Journal of Electrical and Electronics Engineering	11	6		330	337	Article
1623	Suryanarayana Reddy V.; Immanuel A.; Mahesh M.; Kumaraswamy I.; Vishnuvardhan P.	Power Loss Reductions and Voltage profile improvement through Fuzzy and AO algorithm for effective system operation by optimal placement of UPFC	2024	E3S Web of Conferences	547		1010			Conference paper
1624	Avanija J.; Kavitha K.; Manasa K.; Madhumitha M.; Teja V.P.; Balaji V.	Intelligent mobile assistants: The power of machine learning	2024	The Future of Mobile Computing				121	147	Book chapter
1625	Shaik D.P.; Reddy Peddi Reddy N.K.; Reddy N.D.	Influence of choline chloride pH adjuster on physical and optical properties of CuInSe2 thin films by CBD	2024	Hybrid Advances	6		100246			Article
1626	Chalapathi U.; Sangaraju S.; Kumar Y.B.K.; Cheruku R.; Kondaiah P.; Lavanya M.; Gonuguntla V.; Alhammadi S.; Albaqami M.D.; Sheikh M.; Park S.-H.	Synthesis of AgBiS2 films by sulfurizing Bi/Ag stacks for thin film photovoltaics	2024	Optical Materials	152		115492			Article
1627	Arun V.; Stonier A.A.; Peter G.	A modified multilevel inverter with modified triangular carrier SPWM approach	2024	Electrical Engineering	106	4		4679	4692	Article
1628	Naresh M.; Pradeep Kumar G.V.; Sireesha V.; Satyanarayana Tallapragada V.V.	Joint optimal beam forming and resource allocation in intelligent reflecting surface aided wireless power transfer rate splitting multiple access system	2024	Concurrency and Computation: Practice and Experience	36	14	e8098			Article
1629	Dhanalakshmi P.; Janardhan Reddy U.; Ravikanth G.; Nandini C.; Sunitha G.; Avanija J.	Emerging trends in mobile hardware and design	2024	The Future of Mobile Computing				77	95	Book chapter
1630	Harish Babu D.; Kumaraswamy Naidu K.; Hari Babu B.; Venkateswara Raju K.; Harinath Reddy S.; Satya Narayana P.V.	Numerical and neural network approaches to heat transfer flow in MHD dissipative ternary fluid through Darcy-Forchheimer permeable channel	2024	Case Studies in Thermal Engineering	60		104777			Article
1631	Lella K.K.; Jalla H.R.; Sandhya K.; Singasani T.R.; Mounika B.; Joteppa S.; Vemula S.R.; Vatambeti R.	INTELLIGENT VEHICLE DETECTION AND CLASSIFICATION IN AERIAL IMAGERY: LEVERAGING ARFOA-ENHANCED LINEAR DISCRIMINANT ANALYSIS WITH ADVANCED VEHICLE PROPOSAL NETWORK	2024	Journal of Theoretical and Applied Information Technology	102	10		5590	5603	Article
1632	Momin Y.H.; Yeligar V.C.; Saralaya M.G.; Dharmamoorthy G.; Mallikarjuna B.P.; Jadhav S.T.; Das K.; Almuqbil M.; Ahmad F.; Rabbani S.I.; Asdaq S.M.B.	Computational investigation of 2, 4-Di Tert Butyl Phenol as alpha amylase inhibitor isolated from Coccinia grandis (L.) Voigt using molecular docking, and ADMET parameters	2024	Computational Biology and Chemistry	110		108087			Article
1633	Sayiprathap B.R.; Patibanda A.K.; Mantesh M.; Hiremath S.; Sagar N.; Reddy C.N.L.; Jahir Basha C.R.; Diwakar Reddy S.E.; Kasi Rao M.; Nair R.M.; Sudini H.K.	Sterility Mosaic Disease of Pigeonpea (Cajanus cajan (L.) Huht): Current Status, Disease Management Strategies, and Future Prospects	2024	Plants	13	15	2146			Review
1634	Gopila M.; Prabu R.T.; Kumar A.T.A.K.; Kumar A.	Synergetic Triple Absorber Based High-Efficiency Solar Cell Design	2024	Advanced Theory and Simulations	7	8	2400150			Article
1635	Naidu K.K.; Babu D.H.; Narayana P.V.S.; Reddy S.H.; Rashad A.M.	Computational analysis for magnetized radiative Jeffrey nanofluid (Au/ C2H6O2) flow in a rotating system with activation energy	2024	Indian Journal of Chemical Technology	31	4		593	603	Article
1636	Neelima K.; Subhas C.	MODIFIED MATRIX CODES FOR SHIELDING MEMORIES AGAINST ADJACENT ERRORS	2024	ASEAN Engineering Journal	14	2		19	25	Article
1637	Kumar Y.D.; Kumar M.P.; Reddy A.M.; Krishna G.V.; Kumar G.V.S.	Optimizing the teaching efficiency of english classrooms in colleges and universities based on deep learning	2024	AIP Conference Proceedings	2937	1	20019			Conference paper
1638	Buragadda V.; Orekanti E.R.; Garu V.Y.; Edagotti P.K.	Influence of Reinforcement Geometrical Parameters on Plate Anchor Uplift Capacity	2024	Transportation Infrastructure Geotechnology	11	4		1828	1859	Article
1639	Awari H.; Subramani N.; Janagaraj A.; Balasubramaniapillai Thanammal G.; Thangarasu J.; Kohar R.	Three-dimensional dental image segmentation and classification using deep learning with tunicate swarm algorithm	2024	Expert Systems	41	6	e13198			Article
1640	Rao G.M.; Prasanna B.L.; Rayudu K.; Kondaiah V.Y.; Thrinath B.V.S.; Gopal T.V.	Performance evaluation of BLDC motor drive mounted in aerial vehicle (drone) using adaptive neuro-fuzzy	2024	International Journal of Power Electronics and Drive Systems	15	2		733	743	Article
1641	Ashokkumar N.; Bharathi M.; Nagarajan P.; Thandapani K.; Nivethika S.D.; Swetha N.	The application of mobile computing in a smart city	2024	The Future of Mobile Computing				187	202	Book chapter
1642	Avanija J.; Goundar S.; Prathima C.; Reddy P.T.S.; Mummareddy T.; Balaji V.	Edge computing: Transforming enterprises and personal tech applications	2024	The Future of Mobile Computing				39	54	Book chapter
1643	Patil S.S.; khulbe P.; Nitalikar M.M.; Das K.; B.P. M.; Alshehri S.; Khormi A.M.S.; Almalki M.E.M.; Hussain S.A.; Rabbani S.I.; Asdaq S.M.B.	Development of topical silver nano gel formulation of Bixin: Characterization, and evaluation of anticancer activity	2024	Saudi Pharmaceutical Journal	32	7	102125			Article
1644	Chithambar Ganesh A.; Pream Kumar S.; Raghavi S.R.; Vijay Sankar K.; Vanjinathan U.; Kannan R.	Effect of Molarity of Sodium Hydroxide Solution Over GGBS-based Self Compacting Geopolymer Concrete	2024	E3S Web of Conferences	529		1004			Conference paper
1645	Dhanalakshmi P.; Nandini C.; Janardhan Reddy U.; Reddy Madhavi K.; Balaji V.; Avanija J.	The role of AI in mobile computing	2024	The Future of Mobile Computing				97	120	Book chapter

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1646	Purnima K.; Kumar C.S.	CSUID – Comprehensive synthetic underwater image dataset	2024	Data in Brief	55		110723			Data paper
1647	Dusanapudi S.; Krupakaran R.L.; Kumar A.; Venkat K.S.; Shanmukh A.; Ganesh L.; Muhsen M.	Investigation & Optimization of WEDM Process Parameters using Inconel 690	2024	E3S Web of Conferences	552		1030			Conference paper
1648	Ismail Y.; Kulkarni M.H.; Kumar Y.G.; Dharmamoorthy G.	Box-Behnken Design Optimization of Captopril-Loaded Transferosomes: Formulation and Characterization	2024	International Journal of Drug Delivery Technology	14	3		1292	1298	Article
1649	Suma K.G.; Sunitha G.; Goundar S.; Avanija J.; Reddy Madhavi K.	A systematic literature review of edge computing	2024	The Future of Mobile Computing				1	20	Book chapter
1650	Karthick B.; Vengatesan V.; Raj J.A.A.; Swamy I.K.; Madhu V.	A NEW SOLUTION FOR TACKLING MISMATCHING LOSSES IN SOLAR PV ARRAY VIA IMAGE ENCRYPTION	2024	ARPN Journal of Engineering and Applied Sciences	19	12		765	771	Article
1651	Avanija J.; Goundar S.; Sankar P.S.S.; Revanth Reddy V.; Ganesh D.; Balaji V.	Smart agriculture: Mobile solutions for sustainable farming	2024	The Future of Mobile Computing				55	75	Book chapter
1652	Ahammad S.H.; Jayaraj R.; Shibu S.; Sujatha V.; Prathima C.; Leo L.M.; Prabu R.T.; Hossain M.; Rashed A.N.Z.	Correction to: Advanced model based machine learning technique for early stage prediction of ankylosing spondylitis under timely analysis with featured textures (Multimedia Tools and Applications, (2024), 83, 26, (68393-68413), 10.1007/s11042-024-18236-6)	2024	Multimedia Tools and Applications	83	26		68415	68420	Erratum
1653	Sathish K.; Mahalingam H.; Padmaja K.; Makala R.; Krishnaiah N.R.	An integrated design for improving spectral efficiency of FSO communication system in 6G applications	2024	International Journal of Communication Systems	37	9	e5776			Article
1654	Choudhary R.K.; Patil A.; Gadekar R.A.; Dharmamoorthy G.	Creation and Expansion of Bioadhesive Transdermal Gel of Levobupivacaine Loaded Nanoparticles for Enhancement of Anesthetic Effect	2024	International Journal of Drug Delivery Technology	14	3		1306	1311	Article
1655	Reddy Madhavi K.; Nandini C.; Jagannath C.; Avanija J.; Dhanalakshmi P.; Balaji V.	Sustainable mobile technologies: Eco-friendly innovations for the future	2024	The Future of Mobile Computing				165	186	Book chapter
1656	Vasiha Anjum S.; Mallikarjunaiah S.; Balakrishna G.; Bonasi A.; Matham R.	Efficient power system operation through fuzzy and PSO algorithm for power loss reductions and voltage profile improvement by optimal placement of D-STATCOM	2024	E3S Web of Conferences	547		1011			Conference paper
1657	Satyanarayana M.V.N.V.; Srinivasnaik M.; Reddy B.M.; Janardhan G.; Janaki D.V.; Prakash P.; Kumar A.	Exploring Microstructural, Textural, and Mechanical Properties in Bulk-Area Stir Zone Fabrication Through Overlapping Friction Stir Processing with Water Cooling	2024	Arabian Journal for Science and Engineering	49	8		11553	11564	Article
1658	Goundar S.; Avanija J.; Reddy Madhavi K.	The future of mobile computing	2024	The Future of Mobile Computing				1	332	Book
1659	Bharathi M.; Ashok Kumar N.; Kumari G.S.; Madhurima V.; Avanija J.; Reddy Madhavi K.	Navigating the innovation frontier: A comprehensive exploration of transformative technologies and their integration with mobile computing	2024	The Future of Mobile Computing				307	327	Book chapter
1660	Sujith M.; Prabu R.T.; Kumar A.T.A.K.; Kumar A.	Performance analysis of CsPbI3-based solar cells under light emitting diode illumination as an energy harvester for IoT and indoor photovoltaics	2024	Journal of Computational Electronics	23	4		866	873	Article
1661	Mehta H.D.; Kasimedu S.; Bharath Raj K.C.; Kiran V.	Optimizing Orphan Drug Rucaparib Transdermal Patches for Ovarian Cancer: A Design Expert-Based Strategy for Prolonged Drug Release	2024	International Journal of Drug Delivery Technology	14	3		1441	1449	Article
1662	Murugan R.D.; Sivakumar N.; Tarakaramu N.; Alhazmi H.; Abdullaev S.	Entropy and energy transfer analysis of a Maxwell thin-film fluid over an inclined surface with viscous dissipation effect	2024	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	104	6	e202300381			Article
1663	Prathima C.; Avanija J.; Goundar S.; Reddy Madhavi K.; Sunitha G.; Balaji V.	Edge computing technology: Opportunities, issues and future trends	2024	The Future of Mobile Computing				149	163	Book chapter
1664	Chalapathi U.; Kishore Kumar Y.B.; Sreedhar A.; Gonuguntla V.; Alotaibi N.H.; Rosaiah P.; Park S.-H.	AgSbS2 thin films produced by sulfurizing Sb/Ag stacks for photoelectrochemical applications	2024	Journal of Solid State Chemistry	334		124691			Article
1665	Reddy K.S.; Vemanaboina H.; Naidu B.V.V.; Yelamasetti B.; Bridjesh P.; Shelare S.D.	Minimizing distortion in multi-pass GTAW welding of SS316L structures: a Taguchi approach	2024	International Journal on Interactive Design and Manufacturing	18	6		3691	3698	Article
1666	Jalaja V.; Mohan L.N.; Reddy K.A.; Kumar B.S.; Hemabala K.	Novel Digital Signature scheme on Non-Commutative Rings using Differential Polynomials in conjugacy problem	2024	Journal of Integrated Science and Technology	12	6	830			Article
1667	Bala K.; Venu D.; Prakash Kumar R.; Ashok Kumar K.; Varalakshmi S.; Chenna Reddy G.	Optimized attention neural network based joint link misalignment and beam divergence power optimization for underwater optical wireless communications	2024	Optical and Quantum Electronics	56	7	1107			Article
1668	Ahammad S.H.; Jayaraj R.; Shibu S.; Sujatha V.; Prathima C.; Leo L.M.; Prabu R.T.; Hossain M.; Rashed A.N.Z.	Advanced model based machine learning technique for early stage prediction of ankylosing spondylitis under timely analysis with featured textures	2024	Multimedia Tools and Applications	83	26		68393	68413	Article
1669	Kumaravelrajan R.; Janak I.D.; Suba V.; Mohanta G.P.; Dharani P.P.	Novel Paediatric Extended Release Mini-Tablets Formulation and Characterization of Lamotrigine by Design of Experiment (DoE)	2024	Research Journal of Pharmacy and Technology	17	8		3649	3657	Article
1670	Reddy L.V.; Ganesh D.; Madhavi A.; Ahmad I.; Madamala R.; Logeshwari P.	Plant disease detection and classification using advanced artificial intelligence and machine learning approaches	2024	AIP Conference Proceedings	3101	1	60002			Conference paper

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1671	Doraswamy B.E.; Krishna K.L.; Tarigonda H.	IoT Generated Multi-Modality Data Analysis Using a Deep Learning Framework for Managing Sustainability in Smart	2024	International Research Journal of Multidisciplinary Scope	5	3		706	720	Article
1672	Raja D.R.K.; Abas Z.A.; Akula C.S.; Kumar Y.D.; Kumar G.H.; Eswari V.	Artificial intelligence powered internet of vehicles: securing connected vehicles in 6G	2024	Indonesian Journal of Electrical Engineering and Computer Science	35	1		213	221	Article
1673	Balaji M.; Padmaja N.; Saleha A.; Basha S.J.	Ternary Adderand Multiplier DesignUsing GNRfETs	2024	AIP Conference Proceedings	3111	1	50001			Conference paper
1674	Sai Thrinath B.V.; Lakshmi Prasanna B.; John Powl S.; Sreeramula Reddy N.; Nagalingachary K.; Ponmurugan P.	Real Time Monitoring and Analysis of String Faults in Solar Plant Using IoT	2024	E3S Web of Conferences	547		1012			Conference paper
1675	Mishra P.; Srivastav A.; Kumar P.; Sahu S.K.	Comprehensive review of seismic performance assessment for skew-reinforced concrete box-girder bridges	2024	Asian Journal of Civil Engineering	25	4		3285	3299	Review
1676	Addepalli T.; Vidyavathi T.; Chakradhar K.S.; Babu K.V.; Nella A.; Chebrolu M.K.	An inverted U-shaped merged stubs hexa-band 4-element MIMO antenna for advanced wireless applications	2024	International Journal of Communication Systems	37	12	e5806			Article
1677	Bharathi M.; Ashok Kumar N.; Praveena K.; Kalpana V.; Kishore V.V.; Avanija J.	Shaping perspectives: Navigating augmented reality and virtual reality in modern mobile computing environments	2024	The Future of Mobile Computing				245	258	Book chapter
1678	Vasiha Anjum S.; Suryanarayanareddy V.; Mounika M.L.; Yamini N.; Sai Sandeep M.	Enhancing Power Quality in Integrated PV Systems and DFIG Systems through MPPT and Fuzzy logic controller for Grid Systems	2024	E3S Web of Conferences	547		1005			Conference paper
1679	Reddy V.S.; Kumar B.H.	Optimization of Sizing and Location of UPFC for Voltage Profile Improvement Using Particle Swarm Optimization and Fuzzy Logic Controller	2024	SSRG International Journal of Electrical and Electronics Engineering	11	6		50	57	Article
1680	Dharani N.P.; Govardhini Immadi I.; Narayana M.V.	Enhanced deep learning model for diagnosing breast cancer using thermal images	2024	Soft Computing	28	13-14		8423	8434	Article
1681	Kona P.; Jagan Mohana Rao P.; Rao R.G.S.; Latha V.S.; Bharathi Y.	The Influence of Nano-fertilizers Priming on Augmenting Groundnut (Arachis hypogaea L.) Growth, Yield and Quality	2024	Agricultural Science Digest	44	4		645	650	Article
1682	Rao Bangole N.K.	A machine learning-based crop diseases detection and management system	2024	Advanced Computational Methods for Agri-Business Sustainability				1	17	Book chapter
1683	Gopalan A.; Arjunsingh K.K.; Ramya M.; Thangaraj J.; Venkatanaresh M.; Rajendran K.; Omran O.K.; Hossain M.A.	High performance efficiency of optical networking infrastructure characteristics with maximum speed of commercial fiber optic line cables employment	2024	Journal of Optical Communications	45			s2679	s2688	Article
1684	Goundar S.; Avanija J.; Reddy Madhavi K.	Preface	2024	The Future of Mobile Computing				vii	viii	Editorial
1685	Mali P.S.; Jagtap B.K.; Gowda V D.; Ashreetha B.; Vasanthakumar G.U.; kaur M.; Hariram V.	Synergistic applications of nanostructured boron nitride in photocatalysis and targeted drug delivery	2024	Nanotechnology for Environmental Engineering	9	2		179	188	Article
1686	Chalichalamala S.; Govindan N.; Kasarapu R.	An extreme gradient boost based classification and regression tree for network intrusion detection in IoT	2024	Bulletin of Electrical Engineering and Informatics	13	3		1741	1751	Article
1687	Prem Kumar V.; Manikandan P.; Indu M.; Thanusha G.R.; Mounikareddy K.; Basha K.S.; Madhusudhan K.	Experimental investigation on utilization of substitute building materials in concrete using neural networks	2024	E3S Web of Conferences	529		1028			Conference paper
1688	Burada S.; Manjunathswamy B.E.; Sunil Kumar M.	Early detection of melanoma skin cancer: A hybrid approach using fuzzy C-means clustering and differential evolution-based convolutional neural network	2024	Measurement: Sensors	33		101168			Article
1689	Tamilselvi M.; Kumar A.K.; Ganapathy D.; Devi P.K.; Ramachandran T.P.; Zahran A.A.; Yesudasu V.	Efficient employment of Yb doped multi-mode fiber amplifiers based pumped laser with advanced light sources in high speed modulated optical communication systems	2024	Journal of Optical Communications	45			s2205	s2215	Article
1690	Kumar K.P.; Varalakshmi M.; Kiran Y.B.; Nagarjuna U.; Devi M.R.; Reddy D.V.; Raju C.N.	Synthesis and Bioassay of New Urea and Thiourea Derivatives of 4-Aminobenzohydrazide	2024	Russian Journal of Organic Chemistry	60	7		1209	1216	Article
1691	Vardhan V.H.; Lavanya M.; Sowmyavani M.	Application of machine learning approaches in crop management	2024	Green Industrial Applications of Artificial Intelligence and Internet of Things				199	210	Book chapter
1692	Suresh V.; Logasundari T.; Shanmukha Sravani V.; Ali M.; Srinivasan S.	IOT Based Automated Indoor Hydroponic Farming System	2024	E3S Web of Conferences	547		2002			Conference paper
1693	Babu G.N.; Harikrishna K.; Rao K.V.	Hybrid information systems for modeling traffic management and control	2024	Hybrid Information Systems: Non-Linear Optimization Strategies with Artificial Intelligence				201	222	Book chapter
1694	Sudhakar P.N.; Kishore V.V.	Multi-valued logic circuit designs using GNRfETs: A review	2024	AIP Conference Proceedings	3028	1	20076			Conference paper
1695	Kumar D.N.A.; Tamilselvi M.; Balasubramanian B.; Ashokkumar N.; Prabu R.T.; Taher A.M.	Dual port dual drive/LiNb MZM measured modulators based light transmitter sources for ultra-long haul optical wireless systems	2024	Journal of Optical Communications	45			s1967	s1975	Article
1696	J B.; N K.; Sudarsan J.S.; A B.R.; Siddi S.; Sakhare D.T.; V S.	An efficient wastewater collection model for groundwater resource protection in smart cities	2024	Groundwater for Sustainable Development	25		101091			Article
1697	Udayakumar N.; Reefa Fathima K.; Umme Hani P.S.; Mounika N.	A Review on Phytochemical Analysis and In-vitro Antioxidant Activity of Curcumin from Curcuma longa L. Rhizomes	2024	International Journal of Drug Delivery Technology	14	2		1106	1109	Review

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1698	Tirupal T.; Pandurangaiah Y.; Roy A.; Kishore V.V.; Nayyar A.	On the use of UDWT and fuzzy sets for medical image fusion	2024	Multimedia Tools and Applications	83	13		39647	39675	Article
1699	Kakarla P.; Vimala C.; Hemachandra S.	An automatic multi-class lung disease classification using deep learning based bidirectional long short term memory with spiking neural network	2024	Multimedia Tools and Applications	83	16		49091	49119	Article
1700	Addepalli T.; Nagaraju V.S.; Kilaru M.; Kumar G.N.; Kamili J.B.; kumar C.M.; Nimmagadda P.; Kumar B.K.	A Compact Self Isolated UWB-MIMO Antenna with WiMAX and WLAN Band Notched Characteristics for Portable Wireless Applications	2024	Wireless Personal Communications	135	3		1363	1382	Article
1701	Rao B.N.K.; Sailaja G.	Brain interaction assessment using EEG source localization: SLORETA	2024	Medical Robotics and AI-Assisted Diagnostics for a High-Tech Healthcare Industry				109	122	Book chapter
1702	Binoy Mathew K.V.; Alagesan J.; Roshan Bijlee K.N.	New Horizons in Addressing Fear of Falling among the Elderly: a Narrative Review	2024	Disability, CBR and Inclusive Development	35	1		130	149	Review
1703	Anbumani K.; Anitha C.; Achuta Rao S.V.; Praveen Kumar K.; Ramasamy M.; Mahaveerakannan R.	Video Face Tracking for IoT Big Data using Improved Swin Transformer based CSA Model	2024	Journal of Machine and Computing	4	2		308	316	Article
1704	Mansingh B.B.; Bharathiraja G.; Binoj J.S.; Natarajan M.; Suryanto H.; Siengchin S.; Sanjay M.R.	Influence of optimal alkali treated Areca catechu L. peduncle fiber for light weight polymer composites applications	2024	Journal of Applied Polymer Science	141	17	e55268			Article
1705	Ch S.; K U.; Yadav R.K.; Sagar K.V.D.; N.P D.; Sharma P.	IoT sensor data retrieval and analysis through cloud environment for effective power management	2024	Measurement: Sensors	31		100994			Article
1706	Hemalatha S.; Konduri B.; Anandaraj B.; Kanagavalli N.; Yasmine Begum A.; Deepika D.S.; Gowridurga A.; Saravanakumar R.	Enhancing MANET Battery Life and Performance Using Cluster Node	2024	International Journal of Engineering Trends and Technology	72	5		365	373	Article
1707	Sachdeva P.; Narayanan K.B.; Sinha J.K.; Gupta S.; Ghosh S.; Singh K.K.; Bhaskar R.; Almutary A.G.; Zothantluanga J.H.; Kotta K.K.; Nelson V.K.; Paiva-Santos A.C.; Abomughaid M.M.; Kamal M.; Iqbal D.; Alharbi M.H.; Almutairi A.A.; Dewanjee S.; Nuli M.V.; Vippamakula S.; Jha S.K.; Ojha S.; Jha N.K.	Recent Advances in Drug Delivery Systems Targeting Insulin Signalling for the Treatment of Alzheimer's Disease	2024	Journal of Alzheimer's Disease	98	4		1169	1179	Review
1708	Addepalli T.; Rani C.J.; Nimmagadda P.; Badugu P.; Kamili J.B.; kumar C.M.; Sunitha P.; Kumar B.K.	Design and Analysis of UWB Antenna with Triple Band Notched Characteristics Verified with TCM Analysis	2024	Wireless Personal Communications	134	3		1641	1664	Article
1709	Prasad K.R.; Karanam S.R.; Ganesh D.; Liyakat K.K.S.; Talasila V.; Purushotham P.	AI in public-private partnership for IT infrastructure development	2024	Journal of High Technology Management Research	35	1	100496			Article
1710	Perumal B.; Balamanikandan A.; Jayakumar S.; Ashok Kumar N.; Saranya K.	Exact Computing Multiplier Design using 5-to-3 Counters for Image Processing	2024	International Journal of Electrical and Electronics Research	12	2		435	442	Article
1711	V Gadhave P.; V Sutar G.; Sajane S.J.; Redasani V.K.; Das K.; Prasad P D.; Alobid S.; Ibrahim Almoteer A.; Imam Rabbani S.; Yasmin F.; Gilkaramenthi R.; Abdulrazaq AlAnazi M.; Jameel Alshamrani H.; Asdaq S.M.B.	Protective effects of vanillic acid on letrozole-induced polycystic ovarian syndrome: A comprehensive study in female wistar rats	2024	Saudi Pharmaceutical Journal	32	2	101953			Article
1712	Bharathi M.; Ashok Kumar N.; Kumari G.S.; Madhurima V.; Tabassum S.; Srihari G.	EmoLex-enhanced computational analysis of anxiety and sadness: A mobile computing approach at the intersection of mental health	2024	The Future of Mobile Computing				289	305	Book chapter
1713	Mani E.; Nimmagadda P.; Basha S.J.; El-Meligy M.A.; Mahmoud H.A.	A FinFET-based low-power, stable 8T SRAM cell with high yield	2024	AEU - International Journal of Electronics and Communications	175		155102			Article
1714	Sindhuja R.; Padma S.; Suresh K.; Parimalasundar E.; Kumar B.H.	Investigation of PWM Methods for a 9 Level Boost Inverter Using CD-type Carriers	2024	El-Cezeri Journal of Science and Engineering	11	1		30	36	Article
1715	Rajput A.; Kumawat R.; Srinivasulu A.	Novel XOR-XNOR Logic Gate: A Paradigm of Low Power Consumption and Energy Efficiency	2024	International Journal of Engineering Trends and Technology	72	3		127	152	Article
1716	Arunachalam S.K.; Kadarkarai A.; Thankaswamy J.; Karuppasamy M.; Vagestan P.K.; Pradeep D.; Sakhamuri S.S.K.	Effect of silica fume on rheological, mechanical and durability properties of ground granulated blast furnace slag based geopolymer concrete	2024	AIP Conference Proceedings	3037	1	20048			Conference paper
1717	Balaji M.; Padmaja N.	RNS based FIR filter design with memory less distributed arithmetic filtering for high speed and low power applications	2024	AIP Conference Proceedings	2966	1	50001			Conference paper
1718	Balaji M.; Padmaja N.	Area and delay efficient RNS-based FIR filter design using fast multipliers	2024	Measurement: Sensors	31		101014			Article
1719	Reddy P.V.; Tallapragada V.V.S.	FPGA-enabled lossless ECG signal compression system using an integer adaptive compressor	2024	Analog Integrated Circuits and Signal Processing	119	2		331	361	Article
1720	Anuhya Ardeti V.; Ratnam Kolluru V.; Routray S.; Omkar Lakshmi Jagan B.; Kishore Kumar A.; Ramachandran R.; Hossain M.A.; Nabih Zaki Rashed A.	Development of real time ECG monitoring and unsupervised learning classification framework for cardiovascular diagnosis	2024	Biomedical Signal Processing and Control	88		105553			Article

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1721	Kler R.; Ashish; Nimmagadda P.; Navarajan J.; Chauhan D.; Babu G.R.	Recognition and implementation of the smart manufacturing systems in industrial sectors for evolving industry 4.0	2024	Measurement: Sensors	31		100987			Article
1722	Nallabala N.K.R.; Kaleemulla S.; Reddy M.R.; El-marghany A.; Ravi N.; Sambasivam S.; Sekhar M.C.; Rosaiah P.; Kushvaha S.S.; Kalaivani V.; Shankar M.V.; Reddy V.R.M.	Highly Performing MSM Type Ag/n-titanium Dioxide Nanotubes/p-Si Heterojunction Based Ultraviolet-A Photodetectors	2024	Silicon	16	7		2815	2826	Article
1723	Nathan S.R.; Balasubramanian V.; Rao A.G.; Sonar T.; Ivanov M.	Effect of Preheating Temperature on Microstructure and Mechanical Properties of Friction Stir Welded DMR249A HSLA Steel Joints	2024	Metallography, Microstructure, and Analysis	13	1		68	85	Article
1724	Anitha C.; Saxena N.; Swain P.C.; Pramila S.; Sahoo D.R.; Bajaj K.K.; Kumar U.	The Evaluation of Security and Privacy Components in the Context of Peer-To-Peer Power Trading Methodologies using Network Intelligence	2024	International Journal of Intelligent Systems and Applications in Engineering	12	15s		464	470	Article
1725	Raja Sekhar Reddy N.V.; Baswaraju S.; Mary Kamala Kumari P.; Chintamaneni P.; Raveendra Naick B.; Gunapriya Pradhan B.	Securing the patient healthcare data using Deep Inception-ResNet based CPABPP model in Internet of Things	2024	Journal of Integrated Science and Technology	12	5	805			Article
1726	Maruthi P.B.; Prasad D.; Niveditha B.	Chatbot in ecommerce	2024	Design and Development of Emerging Chatbot Technology				256	279	Book chapter
1727	Devarayasamudram V.; Chandrashekar R.; Chetla C.M.; Ramachandraiah K.R.D.; Nimmala P.; Arumugam S.	An Energy-Aware Cluster Head Selection and Optimal Route Selection Algorithm for Maximizing Network Lifetime in MANETs	2024	Mathematical Modelling of Engineering Problems	11	3		648	656	Article
1728	Rao B.N.K.; Pranitha B.; Reddy B.K.; Varsha D.; Reddy N.N.	Bone fracture detection and classification using deep learning techniques	2024	Driving Smart Medical Diagnosis Through AI-Powered Technologies and Applications				92	101	Book chapter
1729	B V.; V K.; P C.; A B.R.; R P.; R S.S.	Wastewater recycling and groundwater sustainability through self-organizing map and style based generative adversarial networks	2024	Groundwater for Sustainable Development	25		101092			Article
1730	Komala C.R.; Basha M.M.; Farook S.; Niranchana R.; Rajendiran M.; Subhi B.	Smart energy systems-integrated machine learning, IoT, and AI tools	2024	Reshaping Environmental Science Through Machine Learning and IoT				201	229	Book chapter
1731	Murugan R.D.; Sivakumar N.; Tarakaramu N.; Ahmad H.; Askar S.	Entropy generation on MHD motion of hybrid nanofluid with porous medium in presence of thermo-radiation and ohmic viscous dissipation	2024	Discover Applied Sciences	6	4	199			Article
1732	Snehalatha J.; Nannepaga C.; Medasani S.; Nannepaga B.; Rajkumar K.	Conditional spatial transition reduction data encoding technique for VLSI interconnects	2024	e-Prime - Advances in Electrical Engineering, Electronics and Energy	7		100407			Article
1733	Shetty S.P.; Shetty M.; Kishore V.; Shetty P.	Trickle timer modification for RPL in Internet of things	2024	Soft Computing	28	3		2621	2635	Article
1734	Sonar T.; Ivanov M.; Xu J.; Cheepu M.; Prokop-Strzelczyńska K.; Rajendran C.; Thirumalaikumarasamy D.; Ragu Nathan S.; Parasuraman P.; Balasubramanian V.; Shcherbakov I.	Processing, microstructural characterization, and mechanical properties of deep cryogenically treated steels and alloys – overview	2024	Materialpruefung/Materials Testing	66	4		567	583	Article
1735	Kumaravelrajan R.; Naresh N.; Mohanta G.P.; Venkatesan S.; Prasad P.D.	Compounding and characterization of a selfmicroemulsifying system of ticagrelor tablets for enhanced solubility	2024	International Journal of Pharmaceutical Compounding	28	3		194	204	Article
1736	Reddy G.V.; Tarigonda H.; Krupakaran R.L.; Reddy D.R.; Giri J.; Al-Lohedan H.A.; Mohammad F.; Sunheriya N.; Mallik S.; Sathish T.	Performance evaluation of low heat rejection diesel engine operated with biofuels under-selective catalytic reduction	2024	AIP Advances	14	4	45015			Article
1737	Arun V.; Prasad T.N.; Prabhu S.; Ashokkumar N.	Nine level switched capacitor inverter with level shifted pulse width modulation approach	2024	International Journal of Applied Power Engineering	13	1		130	137	Article
1738	Anitha C.; Tandon S.; Vamsikrishna M.; Arunmozhi M.; Chauhan M.; Bajaj R.	Role of IoT Intelligence System & Big Data Management to Control Flood Data	2024	International Journal of Intelligent Systems and Applications in Engineering	12	15		455	463	Article
1739	Kamalapuram K.B.; Joseph M.J.B.; Abhishek; Jahir J.P.	AI-enabled industrial applications	2024	Advanced Intelligence Systems and Innovation in Entrepreneurship				37	55	Book chapter
1740	Parimalasundar E.; Jayakumar S.; Dukkupati S.; Sudha S.; Sivarajan S.; Kumar B.H.	A Novel Approach to Fault Recognition in Multi-level Inverters through Artificial Neural Networks	2024	SSRG International Journal of Electrical and Electronics Engineering	11	05-May		161	174	Article
1741	Anitha C.; Tellur A.; Rao K.B.V.B.; Kumbhar V.; Gopi T.; Jadhav S.; Vidhya R.G.	Enhancing Cyber-Physical Systems Dependability through Integrated CPS-IoT Monitoring	2024	International Research Journal of Multidisciplinary Scope	5	2		706	713	Article
1742	Saravanan S.; Kumar N.M.G.; Reddy P.Y.; Ramya Sri R.; Ramesh M.; Sampath B.	Adaptive intelligence in microgrid systems: Harnessing machine learning for efficiency	2024	Intelligent Solutions for Sustainable Power Grids				158	180	Book chapter
1743	Kumar B.H.; Janardhan K.; Javvaji H.; Jyothi B.; Marthanda A.V.G.A.; Kadam D.P.	A Single Source Thirteen Level Switched Capacitor Boost Inverter for PV Applications	2024	El-Cezeri Journal of Science and Engineering	11	1		23	29	Article
1744	Sundaramoorthy P.; Vijayakumar A.; Rajkumar K.; Ponnusamy J.; Chandrasekaran G.; Madhaiyan V.	Impacts of Laminating Core Materials on Permanent Magnet Synchronous Motor by Newton-Raphson Methodc; [Impacts des materiaux de stratification du noyau sur les moteurs synchrones a aimant permanent par la methode de Newton-Raphson]	2024	IEEE Canadian Journal of Electrical and Computer Engineering	47	2		105	110	Article

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1745	Rao N.G.R.; Chitrapu P.; Singh G.; Pulipati S.; Veluru H.	Synthesis and in silico Assessment of Heteroaryl Semicarbazones: Towards Understanding Antimicrobial Activities and Safety Profiles	2024	Asian Journal of Chemistry	36	5		1135	1141	Article
1746	Vagestan P.K.; Kadarkarai A.; Arunachalam S.K.; Mohan S.N.; Vempalli A.; Reddy S.; Reddy S.	Experimental investigation on strength characteristics of an RCC beam using silica sand	2024	AIP Conference Proceedings	3037	1	20052			Conference paper
1747	Sunitha G.; Suma K.G.; Galety M.G.; Davanam G.; Varna C.P.	Python for geospatial data analysis	2024	Ethics, Machine Learning, and Python in Geospatial Analysis				94	119	Book chapter
1748	Shewatetak H.; Yarlagadda R.; Silakabattini K.; Tatiparthi R.R.; Jallepalli V.R.	Clinical Management practice and Therapeutic Outcomes of Chronic Liver Disease patients in the Conflicted area of North Ethiopia	2024	Research Journal of Pharmacy and Technology	17	3		1267	1271	Article
1749	Nagarajan K.; Balaji Nanda Kumar Reddy K.; Rajagopalan A.; Kumar N.M.G.; Bajaj M.	Improved Mayfly Algorithm for Optimizing Power Flow with Integrated Solar and Wind Energy	2024	International Journal of Electrical and Electronics Research	12	2		415	420	Article
1750	Islam F.; Roy S.; Zehravi M.; Paul S.; Sutradhar H.; Yaidikar L.; Kumar B.R.; Dogiparthi L.K.; Prema S.; Nainu F.; Rab S.O.; Doukani K.; Emran T.B.	Polyphenols Targeting MAP Kinase Signaling Pathway in Neurological Diseases: Understanding Molecular Mechanisms and Therapeutic Targets	2024	Molecular Neurobiology	61	5		2686	2706	Review
1751	Babu G.N.; Krishna K.H.; Rao K.V.	An Adaptive Secure Timestamp-Based Replay Attack Detection System For Wsns	2024	International Journal of Intelligent Systems and Applications in Engineering	12	14s		84	90	Article
1752	Ashok J.; Purushothaman S.; Pandey P.S.; Praveena K.; Pandey C.; Muralidharan J.	Develop the ubiquitous computing wearable IoT devices using IoT-distributed framework	2024	Measurement: Sensors	31		100982			Article
1753	Muddamalla N.; Satyanarayana T.V.V.; Varma K.N.V.S.	WDWWO combined NN and its application to handover in heterogeneous networks	2024	Bio-Inspired Intelligence for Smart Decision-Making				123	139	Book chapter
1754	Mata G.T.	Characterization of Dual Annular Duct MR Damper with Numerical and Computational Approach	2024	Journal of Vibration Engineering and Technologies	12	3		3625	3640	Article
1755	Anitha C.; Swain P.C.; Khadse K.N.; Kulkarni P.; Raju Y.; Bajaj R.; Pandey S.P.	Evaluating the Role and Significance of Dynamic Intelligence Resource Management in Applications Designed for Intelligent Transportation Systems	2024	International Journal of Intelligent Systems and Applications in Engineering	12	15s		509	519	Article
1756	Karuppasamy M.; Arunsankar C.; Raman C.D.; Pandi V.; Arunachalam S.; Kadarkarai A.	A qualit ative study and analysis of claim problems in Indian construction industry	2024	AIP Conference Proceedings	3037	1	20054			Conference paper
1757	Anitha R.; Dasari D.B.; Vivek P.S.S.; Kakarla N.M.L.; Kumar M.S.	A novel adaptive dual swarm intelligence based image quality enhancement approach with the modified SegNet - RBM-based Alzheimer Segmentation and classification	2024	Multimedia Tools and Applications	83	10		29261	29288	Article
1758	Addepalli T.; Babu K.J.; Sura P.R.; Neelima K.; Kumar C.H.M.; Siridhara A.L.; Satyanarayana V.; Mohammed Y.T.	Rectangular patches loaded high gain antenna for tri- band applications using coaxial probe feed technique	2024	Journal of Optoelectronics and Advanced Materials	26	05-Jun		236	242	Article
1759	Ramesh K.; Rajarao B.; Chaudhari H.E.; Angel Latha Mary S.; Venkatanaresht M.; Dhiman T.K.	Transfer learning approach to reduce similar IOT sensor data for industrial applications	2024	Measurement: Sensors	31		100985			Article
1760	Schiopu A.-G.; Girish B.M.; Satish B.M.; Shubha S.	Wear and Hardness Characterization of Hot Forged Tungsten Carbide reinforced Aluminium 6061 Composite Materials	2024	Engineering, Technology and Applied Science Research	14	1		12688	12693	Article
1761	Deshpande P.; Bhatt M.W.; Shinde S.K.; Labhade-Kumar N.; Ashokkumar N.; Venkatesan K.G.S.; Shadrach F.D.	Combining Handcrafted Features and Deep Learning for Automatic Classification of Lung Cancer on CT Scans	2024	Journal of Artificial Intelligence and Technology	4	2		102	113	Article
1762	Mohanty A.; Raghavendra G.S.; Rajini J.; Sachuthananthan B.; Banu E.A.; Subhi B.	Artificial intelligence (AI) and machine learning (ML) technology-driven structural systems	2024	Technological Advancements in Data Processing for Next Generation Intelligent Systems				225	254	Book chapter
1763	S S.; Basi Reddy A.; Alphy A.; Velusamy J.; J I.; Rajagopal M.	Mapping of groundwater availability in dry areas of rural and urban regions in India using IOT assisted deep learning classification model	2024	Groundwater for Sustainable Development	25		101098			Article
1764	Posinasetty B.; Jaiswal A.A.; Yejjella R.P.; Veluru H.; Bandarapalle K.; Kumarachari R.K.	Oxacyanopyridine-Benzofuran Hybrids: Synthesis, in silico Toxicity Assessment, in vitro Antimicrobial Activity and Dual Target Docking Studies	2024	Asian Journal of Chemistry	36	3		593	602	Article
1765	Sri Raghavendra M.; Swetha P.B.; Sreenivasulu K.; Srinivasulu B.V.; Jyothsna V.	Enhancing Lossless Image Compression through Smart Partitioning, Selective Encoding, and Wavelet Analysis	2024	SSRG International Journal of Electronics and Communication Engineering	11	5		207	219	Article
1766	Atheequ A M.; Basha S S.; Pratyusha N.; Reddy C.R.; Alam M.N.; Ahmad H.; Tarakaramu N.; Sreenivasulu K.	The application of cosine similarity measures with Laplacian energy to q-rung orthopair fuzzy graphs in decision-making problems	2024	AIP Advances	14	5	55132			Article
1767	Banupriya G.; Rajasekar J.; Kumar P.S.; Loganathan P.; Sindhu G.; Prasad M.R.; Swetha P.; Reddy M.R.K.; Sriniketh C.J.	An experimental investigation of dust buildup on solar photovoltaic modules	2024	AIP Conference Proceedings	3037	1	20051			Conference paper
1768	Vagestan P.K.; Periyasamy M.; Pathikonda P.; Kiran U.; Yadav S.P.; Zahid M.; Avula D.	Enhancing the strength properties of concrete using coconut fiber and coconut fiber ash	2024	AIP Conference Proceedings	3037	1	20053			Conference paper
1769	Suma K.G.; Sunitha G.; Avanija J.; Galety M.G.; Varna C.P.	Geospatial data visualization with folium	2024	Geospatial Application Development Using Python Programming				187	208	Book chapter

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1771	Lavanya M.	Digitization of product quality in manufacturing	2024	AIP Conference Proceedings	3037	1	20003			Conference paper
1772	Buragadda V.; Orekanti E.R.	Predicting the Allowable Settlement of Reinforced Soil Foundations: A Laboratory Study	2024	Geotechnical and Geological Engineering	42	3		2271	2291	Article
1773	Ezhilvannan P.; Krishnan S.; Cheepati K.R.; Kumar B.H.	Development of effective charging station for EVs using multiport converter and photovoltaic cell integration	2024	The Future of Hybrid-Electric Vehicles				289	318	Book chapter
1774	Bhamidipati K.; Sriramakrishnan G.V.; Daniya T.; Ragaventhiran J.	IoT Enabled Soil Moisture and Heat Level Prediction Using Chimp Shuffled Shepherd Optimization-Based Deep LSTM for Plant Health Monitoring	2024	International Journal of Information Technology and Decision Making	23	3		1143	1169	Article
1775	Mamatov I.; Galety M.G.; Alimov R.; Sriharsha A.V.; Rofoo F.F.H.; Sunitha G.	Geospatial data storage and management	2024	Ethics, Machine Learning, and Python in Geospatial Analysis				150	167	Book chapter
1776	Veeranjaneyulu I.; Haripriya V.; Saminathan R.; Naidu B.V.V.; Hillary J.J.M.; Prasad A.S.V.; Satishkumar P.; Nookaraju B.C.; Subbiah R.	Friction and wear optimization of SiC/graphite reinforced AZ31 hybrid composite using Taguchi method	2024	International Journal on Interactive Design and Manufacturing	18	3		1373	1386	Article
1777	Nadimicherla R.; Chandra Sekhar M.; Madhu Mohan V.; Chen W.	Poly(ethylene glycol)/poly(vinylidene) fluoride/TiO2 nanoparticle composite for sandwiched solid-state dye-sensitized solar cells	2024	Journal of Materials Science: Materials in Electronics	35	15	1013			Article
1778	Kumar M.S.; Babu G.N.; Sabeena J.; Vaishnavi P.; Sandhya S.	Sensor scheduling in an IoT health monitoring system with interference awareness	2024	Explainable Artificial Intelligence in Healthcare Systems				95	105	Book chapter
1779	Ponnada V.T.; Ponnada V.T.; Narendra Kumar Rao B.; Sammeta R.K.R.; Jasti H.	Making healthcare decisions: An evolution	2024	Intelligent Decision Making Through Bio-Inspired Optimization				85	110	Book chapter
1780	Gireesh N.; Basha S.J.; Elbarbary A.	CNTFET-based digital arithmetic circuit designs in ternary logic with improved performance	2024	e-Prime - Advances in Electrical Engineering, Electronics and Energy	7		100427			Article
1781	Ramalingam S.; Subramanian M.; Sreevallabha Reddy A.; Tarakaramu N.; Ijaz Khan M.; Abdullaev S.; Dhahbi S.	Exploring business intelligence applications in the healthcare industry: A comprehensive analysis	2024	Egyptian Informatics Journal	25		100438			Article
1782	Kumar P.S.; Kumar V.S.; Banupriya G.; Sai N.V.; Triveni G.; Kumar B.S.; Basha P.D.	Behavioral changes of non-expansive soil exposed to alkali contamination	2024	AIP Conference Proceedings	3037	1	20050			Conference paper
1783	Arunkumar K.; Kumar A.S.; Murali M.M.; Lohith B.G.; Jyothi B.A.; Sravani B.	Utilization of silica fume for the production of self compacting GGBS based geopolymer concrete	2024	AIP Conference Proceedings	3037	1	20049			Conference paper
1784	Krishna N.B.; Reddy R.S.V.; Likhith M.; Priya N.L.	Tackling depression detection with deep learning: A hybrid model	2024	Driving Smart Medical Diagnosis Through AI-Powered Technologies and Applications				102	117	Book chapter
1785	Tyagi N.; Bhardwaj V.; Sharma D.; Tomar R.; Chaudhary V.; Khanuja M.; Singh M.K.; Sharma G.	3D Printing Technology in the Pharmaceutical and Biomedical Applications: A Critical Review	2024	Biomedical Materials and Devices	2	1		178	190	Review
1786	Xin X.; Masthanaiah Y.; Rushikesava A.; Tarakaramu N.; Abdullaev S.; Khan M.I.; Bouazzzi I.R.	Magnetic field and dissipation effects on mixed convection viscous fluid flow by a channel in the presence of porous medium and heat generation/absorption phenomenon	2024	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	104	2	e202300625			Article
1787	Solaimalai G.; Mandipudi R.; Thirumala S.; Reddy P.N.K.; Anusuya M.; Subhi B.	Nano-composite integration, IoT, and AI for sustainable and intelligent smart cities: Advancements	2024	The Convergence of Self-Sustaining Systems With AI and IoT				280	308	Book chapter
1788	Surya Bhupal Rao M.; Mallikarjuna Rao Y.; Venkataiah C.; Murthy G.L.N.; Dharani M.; Jayamma M.	Deep learning based classification of COVID-19 severity using hierarchical deep maxout model	2024	Biomedical Signal Processing and Control	88		105653			Article
1789	Suma K.G.; Patil P.; Sunitha G.; Mantri V.P.; Kale N.D.	Computer vision and its intelligence in Industry 4.0	2024	Machine Learning Techniques and Industry Applications				119	142	Book chapter
1790	Palli S.; Kotapati G.; Lella K.K.; Palisetti J.R.; Sudarsa D.; Rahman S.Z.; Vatambeti R.	Holistic Traffic Control Through Q-Learning and Enhanced Deep Learning for Distributed Co-Inference	2024	Journal Europeen des Systemes Automatisees	57	2		453	464	Article
1791	C S.; Nimmagadda P.	Design of efficient alterable bandwidth FIR filterbank for hearing aid system	2024	e-Prime - Advances in Electrical Engineering, Electronics and Energy	7		100478			Article
1792	Chalapathi U.; Sangaraju S.; Kishore Kumar Y.B.; Parthasaradhi Reddy C.; Al-Asbahi B.A.; Alhammadi S.; Gonuguntla V.; Rosaiah P.; Park S.-H.	Fabrication of 2D SnS2 nanoflake photoanodes by a two-step process	2024	Journal of Materials Science: Materials in Electronics	35	9	625			Article
1793	Suneetha K.; Kovuri K.; Chitteti C.; Avanija J.; Madhavi K.R.; Tangadu N.	Deep neural networks for early diagnosis of neurodegenerative diseases	2024	Deep Learning Approaches for Early Diagnosis of Neurodegenerative Diseases				112	127	Book chapter
1794	Saleem S.; Venkatramana P.	A Comparative analysis of different design styles of decoder for low power, high performance in the era of latest technologies: A review	2024	2024 4th International Conference on Advancement in Electronics and Communication Engineering, AECE 2024				708	712	Conference paper
1795	Pydala B.; Govardhan D.; Venkatesh C.; Goud K.L.; Dinesh K.; Jyothsna V.	An Enhancing Comprehensive Machine Learning Framework for DDoS Defense Through Leveraging Multiple Algorithms	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper

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1796	Parimalasundar E.; Hemanthkumar B.; Preetham S.; Reddy D.S.K.; Sujitha G.; Kumar A.V.P.	Efficient Single-Phase 15-Level Inverter Design for Enhanced Solar PV Integration	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
1797	Kavyasree O.; Gayathri T.; Kumaraswamy I.; Bharath S.; Sai Y.G.; Madhav G.S.	Optimizing Energy Storage with the Integration of Batteries and Super Capacitors in Hybrid Systems	2024	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	2			3468	3475	Conference paper
1798	Buragadda V.; Orekanti E.R.; Kompala M.P.	Influence of type of geosynthetic material interaction on shallow anchor pullout capacity	2024	Materials Today: Proceedings	103			459	462	Conference paper
1799	Reddy P.V.; Satyanarayana Tallapragada V.V.	Design and Evaluation of ECG Compression Techniques Using FPGA	2024	8th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2024 - Proceedings				75	79	Conference paper
1800	Begum A.Y.; Joshna P.; Reddy K.C.T.; Reddy E.M.P.; Tonpe H.	A Multisensory Approach to Obstacle Detection in Footwear for Enhanced Navigation and Safety	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024				1000	1005	Conference paper
1801	Avanija J.; Rajyalakshmi C.; Madhavi K.R.; Rao B.N.K.	Enabling smart farming through edge artificial intelligence (AI)	2024	Agriculture and Aquaculture Applications of Biosensors and Bioelectronics				69	82	Book chapter
1802	Sravani V.S.; Kumar B.U.; Sravya K.; Raju M.A.M.I.; Reddy Y.C.K.; Swamy I.K.	Design and Exhibiting of a 3- Φ Core-Type 2-D Transformer with Coil and Terminals: A Magnetic Analysis	2024	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	2			5648	5655	Conference paper
1803	Satish B.M.; Manikandan N.; Thejasree P.; Gowthami K.; Vamsinath P.; Mahathi M.; Gurudatta U.	Applications of Taguchi-Based Grey Approach for Optimization of Wire Electrical Discharge Machining of 7075 Aluminum Alloy	2024	Lecture Notes on Multidisciplinary Industrial Engineering	Part F3358			335	346	Book chapter
1804	Ramana P.V.; Nikhitha R.; Ameen S.; Hemanth Kumar R.V.; Chowdary P.E.	Design of Multi-valued Logic Schematics using GNRFET and RRAM Technologies	2024	2024 Asia Pacific Conference on Innovation in Technology, APCIT 2024						Conference paper
1805	Shafiuddin S.; Krishna K.H.	Enhancing Energy Efficiency and Security in Wireless Sensor Networks: A Survey and Proposed Methodology Integrating Prediction Algorithms and Deep Neural Networks	2024	ICCCMLA 2024 - 6th International Conference on Cybernetics, Cognition and Machine Learning Applications				441	446	Conference paper
1806	Manisha K.; Dheeraj G.; Manasa Veena K.M.; Rakesh M.; Peerayya M.	Optimized Parallel Architecture for a Constant-Time Synchronous Binary Counter with Minimal Clock Period	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1807	Neelima K.; Belagallu B.; Billu N.; Bandaru V.D.K.; Vanamala S.Y.	2.3 GHz and 5.8 GHz Operated Compact Dual Band Antenna for Wireless Transportation systems	2024	3rd International Conference on Communication, Control, and Intelligent Systems, CCIS 2024						Conference paper
1808	Garnipudi D.K.; Varalakshmi S.; Mallikarjuna B.P.	Cubosomes and their role in various types of cancer treatment	2024	Onkologia i Radioterapia	18	9				Short survey
1809	Konduri P.S.R.	Patterns Recognition of Sentimental Patterns from the X-Dataset using Deep Learning Algorithm	2024	Proceedings - 2024 4th International Conference on Soft Computing for Security Applications, ICSCSA 2024				179	183	Conference paper
1810	Pasupuleti R.; Orekanti E.R.; Rao B.N.K.	Building Tomorrow: Navigating Sustainable Construction with Artificial Intelligence	2024	Proceedings - 2024 International Conference on Social and Sustainable Innovations in Technology and Engineering, SASI-ITE 2024				125	130	Conference paper
1811	Poli S.; Kumaraswamy I.	Advanced Energy Management through FLC-Optimized Electric Vehicle Hybrid Storage employing Batteries and Super capacitors	2024	Proceedings - 2024 International Conference on Social and Sustainable Innovations in Technology and Engineering, SASI-ITE 2024				361	365	Conference paper
1812	Buragadda V.; Orekanti E.R.; Prasanna G.G.; Naresh B.	Effect of Dual Geotextile Reinforcements on Shallow Anchor Uplift Capacity	2024	Lecture Notes in Civil Engineering	491			299	305	Conference paper
1813	Chitteti C.; Divya Sree T.S.; Madhavi K.R.; Pooja P.; Jayanth S.; Reddy M.H.	Phishing URLs Using Machine Learning Hybrid Stacking Classifier Approach with XGBoost, Random Forest and Extra Trees	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1814	Reddy V.K.V.; Kavya Y.; Prasad P.; Krishna K.B.; Harika D.	Enhanced VLSI Speech Enhancement Systems Utilizing Adaptive LMS Filters and Machine Learning Techniques for Echo Cancellation	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper

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1815	Priyanka G.; Gireesh N.; Hemachandra S.	Vedic Multiplier Based 32 Bit MAC Unit Using Nikhilam Sutra and Urdhva Triyakbhyam Sutra with Different Adders	2024	2024 1st International Conference on Innovations in Communications, Electrical and Computer Engineering, ICICEC 2024						Conference paper
1816	Devi B.M.; Ganesh D.	Brain Image Analysis for Alzheimer's Disease Detection using Ensemble Machine Learning	2024	8th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2024 - Proceedings				779	785	Conference paper
1817	Dharani M.; Upendra D.; Babu B.S.; Sathwika B.; Harika C.	Efficient Clocking Strategies for Adiabatic Quantum-Flux-Parametron 8-bit Ripple Carry Adder Implementation	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1818	Reddy N.M.; Krishnan G.H.; Prabhu S.	Advanced Brain Tumor Detection Through Multimodal Image Fusion and Segmentation Techniques	2024	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDESCNC 2024						Conference paper
1819	Daram S.B.; Vaibhav Kumar V.; Chowdary K.M.; Ramesh B.; Rao U.R.J.; Shaffi S.	Matrix theory based stability analysis of a power system	2024	2024 International Conference on Recent Innovation in Smart and Sustainable Technology, ICRISST 2024						Conference paper
1820	Dhanalakshmi P.; Jyoshna N.N.; Eswar P.; Ashiq P.; Vardhan M.H.	Multi-Class Stress Detection Using Physiological Sensor Data	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1821	Hari Krishnan G.; Prabhu S.; Reddy L.S.; Chandrasekar P.; Chennakesava M.; Kalyan P.P.	Cogging Torque Reduction Strategies in Six-Phase BLDC Motors: Skewing and Back EMF Tuning for EV Applications	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
1822	Barik D.; Bora B.J.; Sharma P.; Medhi B.J.; Balasubramanian D.; Krupakaran R.L.; Ramegowda R.; Kavalli K.; Josephin JS F.; Vikneswaran M.; Varuvel E.G.	Exploration of the dual fuel combustion mode on a direct injection diesel engine powered with hydrogen as gaseous fuel in port injection and diesel-diethyl ether blend as liquid fuel	2024	International Journal of Hydrogen Energy	52			827	840	Article
1823	Farook S.; Sai Thrinath B.V.; Lakshmi U.R.; Likhitha N.	An Integrated Vehicle-To-Grid And Solar System For Energy Management And Optimization	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
1824	Balakrishna N.; Reddy R.S.V.; Geethika S.; Likhith M.; Priya N.L.; Harsha S.H.	Tackling Depression Detection with deep learning a Hybrid Model	2024	2024 International Conference on Knowledge Engineering and Communication Systems, ICKECS 2024						Conference paper
1825	Shareef D.K.; Jyothsna V.	A Survey on Deep Learning Techniques for Secure and Accurate Mobile Sink Position Prediction in Vehicular Pattern WSN	2024	Proceedings - 2024 8th International Conference on Inventive Systems and Control, ICISC 2024				596	603	Conference paper
1826	Deep C.H.; Venkat G.S.; Sai Vivek B.M.; Geetha P.; Jagadeeswar G.	Design and Simulation of MEMS based Temperature Sensor for weather monitoring in a balloon Satellite: COMSOL Analysis	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1827	Sunitha G.; Priya V.S.; Kumar V.S.; Priya G.G.; Kumar T.N.	Road Object Detection Using Yolov8	2024	5th International Conference on Electronics and Sustainable Communication Systems, ICESC 2024 - Proceedings				847	853	Conference paper
1828	Sandya M.P.; Hari Chandana B.; Reddy G.H.; Nikhitha K.J.; Priya M.L.	Monopole Radiation based Customized Substrate Patch with Partial Ground Structure to operate at 7.5GHz	2024	2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2024						Conference paper
1829	Kakarla P.; Sruthi S.J.; Zahid P.; Neha V.; Charan S.S.	JARVIS: A Next-Gen Conversational AI Platform	2024	8th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2024 - Proceedings				2071	2075	Conference paper
1830	Orekanti E.R.; Buragadda V.; Arigela P.K.; Mounika B.; Akshitha K.	Experimental Study of Circular Shallow Footing on the Top of Slope	2024	Lecture Notes in Civil Engineering	477			295	302	Conference paper
1831	Harathi N.; Muzafareen D.; Kumar V.K.; Maheswari P.U.; Venkatesh J.M.	Implementation of Continuous Collision Monitoring System using Piezoelectric Sensor	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAIC 2024				1815	1820	Conference paper
1832	Shantha Shalini K.; Chandra Shekhar S.N.; Nimmagadda P.; Anusuyahdevi S.; Jamuna Rani M.; Mukunthan M.A.	Weather Impact Based Rainfall Forecasting Model Using ANFIS Neural Network through Internet of Things	2024	International Journal of Intelligent Systems and Applications in Engineering	12	11s		205	213	Article

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1833	Parimalasundar E.; Hemanthkumar B.; Roshini B.; Hemalatha G.M.; Preethi C.R.; Krishna D.V.S.	Enhancing Efficiency and Improving Power Quality in Grid-Connected 17-Level Multilevel Inverters for Renewable Energy Applications	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
1834	Likhith S.; Chitteti C.; Dharani M.; Nivedhitha V.; Geethika N.G.; Godwin V.	Machine Learning Model for Prediction of Smartphone Addiction	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024				924	929	Conference paper
1835	Thejasree P.; Manikandan N.; Satish B.M.; Aakash S.S.V.; Vandana M.; Shakeer S.; Gouse Imam S.	Application of Hybrid Artificial Intelligence Approach for Forecast of Performance Metrics in Sustainable Wire Electro Discharge Machining of SAE 1010 Low Carbon Steel	2024	Lecture Notes on Multidisciplinary Industrial Engineering	Part F3358			249	260	Book chapter
1836	Neelima K.; Belagallu B.; Billu N.; Kumar Bandaru V.D.; Yadav Vanamala S.	2.3GHz and 5.8GHz Operated Compact Dual Band Antenna for Wireless Transportation systems	2024	3rd International Conference on Communication, Control, and Intelligent Systems, CCIS 2024						Conference paper
1837	Sriharsha A.V.; Bhavana M.; Tejaswee S.; Ahmed M.B.; Reddy P.R.J.	Efficient Text Extraction and Summarization using Easyocr and GPT-3	2024	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	2			1842	1848	Conference paper
1838	Thrinath B.V.S.; Sree G.S.; Sai G.J.; Lahnavi K.; Krishna B.S.; Peddaiah K.S.	Performance Analysis of SyRM for EV Transportation Systems	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
1839	Pulabaigari L.S.; Sivakumar C.	Internet of Things IoMT Data Aggregation Using Machine Learning	2024	Proceedings - 2nd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2024				353	357	Conference paper
1840	Harika K.; Dhanalakshmi P.; Reddy S.S.K.; Shakeer S.; Thanmayi M.V.S.; Haripriya V.	Handwritten Signature Recognition using MobileCNN	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1841	Somasundar Reddy C.; Kalyani Y.; Rao P.E.; Kumar P.K.; Divya K.	Multi Secure Lora Based Locking System Using Fingerprint and Face Recognition Methods	2024	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSES 2024						Conference paper
1842	Sailaja G.; Narendra Kumar Rao B.	Factors Influencing Mental Health and the Role of Artificial Intelligence (AI) in the Era of Climate Change	2024	AI and IoT Technology and Applications for Smart Healthcare Systems				10	27	Book chapter
1843	Dhanalakshmi P.; Sree M.V.; Hindu T.; Papaiah T.; Karna M.	Hand Gesture Recognition System using Feedback CNN	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAIC 2024				167	173	Conference paper
1844	Hemachandra S.; Vaishnavi A.; Naik B.C.; Sree D.B.; Harini G.; Raghava G.S.	Hybrid Computational Intelligent Techniques for Electrical Load Forecasting	2024	2024 IEEE Flagship International BIT Conference: Next Generation Applications in Green Energy Technology, BITCON 2024						Conference paper
1845	Prasad P.Y.; Priyanka M.; Amreen S.; Reddy N.D.S.; Teja M.B.	Tag Prediction of Stack Overflow Questions using NLP and ML	2024	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	2			1519	1523	Conference paper
1846	Venkatesh P.; Praharshini D.N.; Prakash S.B.; Achari V.R.; Giridhar C.; Reddy P.V.G.	Enhancing Power System Security: Neural Network Approaches for Quick and Robust Static Evaluation	2024	Proceedings - 2024 International Conference on Social and Sustainable Innovations in Technology and Engineering, SASI-ITE 2024				407	412	Conference paper
1847	Deepthi K.J.; Kumar Rao B.N.	Deep Learning Approaches for Occlusion Removal in Medical Images	2024	Proceedings of 2024 2nd International Conference on Recent Trends in Microelectronics, Automation, Computing, and Communications Systems: Exploration and Blend of Emerging Technologies for Future Innovation, ICMACC 2024				431	435	Conference paper
1848	Yarabolu S.N.; Sriharsha A.V.	Financial Modelling 2.0: The Machine Learning Transformation	2024	Data Analytics and AI for Quantitative Risk Assessment and Financial Computation				77	106	Book chapter
1849	Ramani K.; Yukitha P.; Karthik S.; Chowdary K.A.; Akash M.	Advancements in Hyperspectral Image Processing Using Machine Learning	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1850	Suman J.V.; Mahammad F.S.; Kumar M.S.; Chandana B.S.; Majji S.	Leveraging natural language processing in conversational AI agents to improve healthcare security	2024	Conversational Artificial Intelligence				699	711	Book chapter
1851	Pydala B.; Bhavana B.V.; Gamyasree G.; Jyotsna K.; Lohitha M.; Jyothsna V.	Enhancing Remote Sensing Object Detection through YOLOV5x6 model	2024	2024 2nd World Conference on Communication and Computing, WCONF 2024						Conference paper

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1852	Prathima C.; Lakshmi Anuradha M.V.N.S.; Ganesh G.S.; Simha Reddy E.B.; Gorentla U.K.	Astronomical Image Classification using Machine Learning for Point Source Image Detection	2024	2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2024						Conference paper
1853	Raju K.S.; Suneetha K.; Madhavi K.R.; Pranitha K.; Avanija J.; Rao B.N.K.	Enhancing smart agriculture applications utilizing deep learning models and computer vision techniques	2024	Agriculture and Aquaculture Applications of Biosensors and Bioelectronics				241	255	Book chapter
1854	Nandini G.; Harathi N.; Keerthi A.; Prem V.N.; Reddy V.M.	Implementation of Automated Safety Alert System using Near Field Communication	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024				182	187	Conference paper
1855	Hari Chandana B.; Challa C.; Abhishek Reddy G.; Guru Murthy T.; Diwakar T.	Detection of Microplastic Ingestion in the Human Body Using Deep Learning Technique	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1856	Cheri J.; Sundaramoorthy P.	Pioneering Sustainable Transportation: SRM Motor Optimization for Enhanced Electric Vehicle Dynamics	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
1857	Ghamya K.; Prema K.; Kumar P.S.; Reddy P.S.S.; Reddy P.C.K.; Naidu M.T.P.	Deep Attention Learning for Extreme Minority Class Intrusion Detection in Network Traffic	2024	2024 International Conference on Knowledge Engineering and Communication Systems, ICKECS 2024						Conference paper
1858	Nayomi B.D.D.; Jyothsna V.	A Comprehensive Survey on Deep Learning for Enhanced Node Position Prediction in Vehicular Ad-Hoc Networks	2024	Proceedings of the 4th International Conference on Ubiquitous Computing and Intelligent Information Systems, ICUIS 2024				602	609	Conference paper
1859	Kumar B.H.; Parimalasundar E.; Vari K.K.R.R.; Muga T.; Daram S.B.; Kumar D.P.	A High Gain Non-Isolated Four Port DC-DC converter for Renewable Energy Applications	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
1860	Avanija J.; Ambati K.; Naraganti L.; Derangula S.S.; Nashina T.	Crop Recommendation System using Antlion Optimization and Decision Tree Algorithm	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024				1108	1113	Conference paper
1861	Neelima K.; Shaik F.N.; Shaik J.A.; Anand P.; Abhishek P.	Low Cost IoT and ML based Pesticide Level Detection in Fruits and Vegetables	2024	2024 International Conference on Electrical, Electronics and Computing Technologies, ICEECT 2024						Conference paper
1862	Ganesh D.; Harshavardhan V.C.	Cryptocurrency Market Dynamics: A Machine Learning-Based Approach for Price Prediction	2024	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2024						Conference paper
1863	Ramani K.; Jyothi A.; Kinjarapu S.R.; Preethi K.; Reddy K.U.K.	An Android Application for Temporary Driver Booking System	2024	Proceedings - 2024 4th International Conference on Pervasive Computing and Social Networking, ICPCSN 2024				736	741	Conference paper
1864	Reddy C.J.S.; Akshay B.; Bhawane B.; Reddy B.P.S.; Satish A.	Breaking Through Color Casts: Enhancing Image Fidelity with Machine Learning-Based Correction	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1865	Venkat Y.S.; Yadav T.V.; Anitha Y.; Akhil M.; Praveena H.D.	Atmospheric Data Acquisition From Ballon Satellite Using LoRa Module	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1866	Sujatha M.S.; Kuruba M.; Gudise Y.K.	Implementation of ANN & ANFIS MPPT Strategy with Boost Converter in Photovoltaic Systems	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
1867	Reddy D.Y.; Reddy A.C.K.; Prakhyat C.H.; Vamsi D.; Kumar A.K.	Date Palm White Scale Disease Detection using Convolutional Neural Networks (VGG16)	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1868	Neelima K.; Reddy H.Y.; Bhaskar G.; Teja N.M.; Priya N.K.	Design and Evaluation of 32-Bit N-Tap FIR Filter for Audio Processing Applications	2024	Proceedings - 2024 1st International Conference on Innovative Sustainable Technologies for Energy, Mechatronics and Smart Systems, ISTEMS 2024						Conference paper
1869	Lawrence K.R.; Anchupogu P.; Reddy Reddygari M.; Reddy Gangula V.; Balasubramanian D.; Veerasamy S.	Optimization of biodiesel yield and performance investigations on diesel engine powered with hydrogen and acetylene gas injected with enriched Jojoba biodiesel blend	2024	International Journal of Hydrogen Energy	50			502	523	Article
1870	Kumar D.P.; Sudha C.R.; Kumar U.R.; Vivek A.; Srivalli M.; Reddy S.U.S.	An Integrated Method For High Current Detection In Sensorless Solar-Powered Brushless DC Water Pump, Eliminating Hall And Current Sensors	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
1871	Ramani K.; Deepthi M.S.; Naveen N.; Raju C.J.; Krishna K.	Multi-Language Medical Symptoms Analyzer and Hospital Locator Chatbot	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024				207	212	Conference paper
1872	Haneef K.M.; Venkatramana P.	A Comparative Study on Different Parameters of Priority Encoder in Different Design Styles in the era of VLSI	2024	2024 4th International Conference on Advancement in Electronics and Communication Engineering, AECE 2024				704	707	Conference paper
1873	Gangopadhyay A.; Kumar P.N.; Reddy R.R.; Anees S.M.; Sivapradeep P.	Design and Implementation of Underwater Wireless Communication System Using MATLAB	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper

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1874	Madamaneri R.; Devaraju T.	Optimizing Real-Time Scheduling for Post Islanding Energy Management Using African Vulture Optimization Algorithm on Hybrid Microgrids Environment	2024	International Journal of Electrical and Electronics Research	12	4		1151	1162	Article
1875	Prabhu Kumar P.C.; Ramathulasi T.; Venkateswarlu Reddy P.	Feasible fuel (petrol/diesel) price monitoring technology in India without affecting government profit	2024	International Journal of Oil, Gas and Coal Technology	35	1		39	52	Article
1876	Sundaramoorthy P.; Kaperla P.A.; Thummala C.; Valmiki S.; Devireddy P.; Vijayakumar A.	Indigenous Innovations: Propelling Drones with SYNCREL Motor	2024	Proceedings of the 3rd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2024				292	297	Conference paper
1877	Reddy R.; Rajesh B.; Nandini A.; Kumar P.; Chakradhar K.S.	Design of RNS-KSA Based 2D FIR Filter	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1878	Ramani K.; Suchith G.S.; Indrasena Reddy C.; Chinna A.; Reshma G.	Automatic Feature Extraction from High-Resolution Satellite Imagery using Deep Learning techniques	2024	2024 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2024						Conference paper
1879	Irrigisetty H.; Madhavi K.R.; Prasad V.S.; Jonna H.; Kurlapalli M.; Gangadasari H.R.	Enhancing High-Resolution Malaria Parasite Detection In Blood Smears Using Deep Learning	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
1880	Babu C.B.; Hari Krishnan G.; Prabhu S.	Enhancing Accuracy in Spatial Satellite Image Classification through Transfer Learning and Model Ensemble	2024	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDSNC 2024						Conference paper
1881	Kumar M.S.; Vani M.S.; Pavithra N.; Chandana R.; Jhansi N.	Use of Blockchain for Fake Product Detection	2024	Proceedings - International Conference on Computing, Power, and Communication Technologies, IC2PCT 2024				717	722	Conference paper
1882	Jyothsna V.; Alle C.; Kurnutala R.; Ganesh K.N.; KushalKarthik K.R.; Pydala B.	YOLOv8-Based Person Detection, Distance Monitoring, Speech Alerts, and Weapon Identification with Email Notifications	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024				288	296	Conference paper
1883	Girinath S.; Neeraja P.; Kumar M.S.; Kalyani S.; Mamatha B.L.; Gruhalakshmi N.R.T.	Real-Time Identification of Medicinal Plants Using Deep Learning Techniques	2024	TQCEBT 2024 - 2nd IEEE International Conference on Trends in Quantum Computing and Emerging Business Technologies 2024						Conference paper
1884	Prasad T.V.S.G.; Lahari N.; Siva N.; Haseena S.; Bhavya N.	LoRa Enabled Secured Systems	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1885	Yuvaraj M.S.; Sah M.K.; Md. Jabeer S.K.; Kumar T.V.; Harish M.; Mishra B.	Study on the Effect of Marble Dust as Partial Replacement to Cement with Steel Fibre in Concrete	2024	Lecture Notes in Civil Engineering	387			91	97	Conference paper
1886	Bala Krishna N.; Yaswanth Kumar R.; Indira Bhanu M.; Omprakash Reddy P.; Anjali R.; Reethu Reddy P.	Exploring Machine Learning Algorithms for the Detection of Depression	2024	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSES 2024						Conference paper
1887	Vennila G.; Mounica P.; Prasanna P.L.; Kumar P.P.; Sirisha R.	Enhancing Speech Emotion Recognition using Deep Learning Networks on Live Calls	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
1888	Sivakumar C.; Vali T.K.; Reddy P.S.B.; Meghana M.L.; Sukumar Y.	AI-Powered Video Surveillance for Enhanced Intrusion Detection	2024	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024				1630	1634	Conference paper
1889	Madhavi T.; Kaveri A.	The Impact of Artificial Intelligence in Recruitment and Selection Processes in IT Companies	2024	Proceedings of the 16th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2024						Conference paper
1890	Bhargava V.; Hema Sikha K.; Niteesh Raj V.; Mahesh Babu N.; Arun Kumar V.; Srinivasulu N.	Detection and Analysis of Covid-19 from CT Scan images using Deep Learning based CNN Technique	2024	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSES 2024						Conference paper
1891	Poojitha V.; Moinuddin S.K.; Neeraj V.L.; Krishna Y.S.D.V.; Venkatanaresh M.	Automated Road Damage Detection Framework Using Deep Learning Object Detection Models	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
1892	Reddy T.R.S.; Kumaraswamy I.	Integrating PEVs into Smart Home Energy Management: A Vehicle-to-Home Backup Power Solution with Solar power system	2024	International Journal of Electrical and Electronics Research	12	1		253	261	Article
1893	Priya S.; Kumar S.S.; Lavanya P.; Sadik S.; Kumar A.K.	Real-Time Image Segmentation and Object Tracking for Autonomous Vehicles	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper

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1894	Hari Krishnan G.; Prabhu S.; Himabindu M.; Karthikeya Reddy N.V.; Mounika S.; Santhosh S.	Comparative Analysis Fault Detection in HT Electrical Insulators using Modified Transfer Learning based ResNet50, EfficientNetB0, and VGG16 through Image Processing	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
1895	Sriharsha A.V.; Bhavana M.; Tejaswee S.; Ahmed M.B.; Reddy P.R.J.	Integrating Tesseract OCR with Large Language Models for Enhancing Textual Understanding	2024	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	2			1626	1633	Conference paper
1896	Jyothsna V.; Sandhya E.; Bhasha P.; Naga Swetha N.; Sai Divya Sree T.	Visual data analysis and inference through dimensionality reduction techniques	2024	Interactive and Dynamic Dashboard: Design Principles				21	68	Book chapter
1897	Hemachandra S.; Prakash B.J.; Rakesh E.; Lingeswari C.; Jyothi G.P.; Varsha K.	Hybrid Fuzzy-Neuro System for Electrical Load Forecasting	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
1898	Silpa C.; Govindan N.; Ramani K.	Security Breaches in IoT Applications: An Extensive Study	2024	Machine Learning Hybridization and Optimization for Intelligent Applications				127	143	Book chapter
1899	Manikandan N.; Thejasree P.; Satish B.M.; Ravindra C.; kumar B.B.; Kumar Y.A.; Alex Y.; Madhu P.	Evolution of Hybrid Forecast Model for Wire Electro Discharge Machining of Aluminum Alloy with Sustainable Approach	2024	Lecture Notes on Multidisciplinary Industrial Engineering	Part F3358			25	36	Book chapter
1900	Sujatha M.S.; Kuruba M.; Kuruva Y.; Sake P.; Pattem S.C.; Samineni M.K.	A Review Across Diversified Applications of Solar Energy	2024	2024 International Conference on Recent Innovation in Smart and Sustainable Technology, ICRISST 2024						Conference paper
1901	Prasad T.D.; Kumar L.K.	Unveiling the patterns of Fintech Services Adoption: A Study in the Rural Area of Tirupati	2024	Communications on Applied Nonlinear Analysis	31	5S		39	56	Article
1902	Dharani N.P.; Nithisha E.R.; Kavya E.; Nazeer T.; Shanmukha K.; Saikumar N.	Real Time Monitoring System for Bacterial Contamination in Drinking Water using Embedded Technology	2024	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings				280	287	Conference paper
1903	Kommineni M.; Baseer K.K.	An Architecture and Review of Intelligence Based Traffic Control System for Smart Cities	2024	EAI Endorsed Transactions on Energy Web	11			1	7	Article
1904	Govardhan M.; Lavanya M.N.; Reddy K.G.C.; Kumar A.T.A.K.; Reddy K.K.	Real-Time Wildlife Tracking and Anomaly Detection Using YOLOv8	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
1905	Aliasgar S.; Begum A.Y.	Designing RNS-Based FIR Filter with Optimal Area, Delay, and Power via the use of Swift Adders and Swift Multipliers	2024	International Journal of Electrical and Electronics Research	12	4		1211	1221	Article
1906	Nithisha C.; Barrenkala B.S.S.; Chitteti C.; Kosuri V.; Goura S.; Kota H.R.	Crypto Predict: Price Forecast & Trading Optimization	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024				1043	1050	Conference paper
1907	Pydala B.; Bhargavi M.; Vyshnavi B.; Krishna M.G.; Kumar A.L.; Bindu K.H.	AI-Based Home Automation Using Voice Recognition and Biometric Finger Print Authentication	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024				727	731	Conference paper
1908	Ashreetha B.; Harshith A.; Charan A.S.R.; Reddy A.J.; Abhiram A.; Reddy B.R.	Automatic Detection of Coagulation of Blood in Brain Using Deep Learning Approach	2024	Lecture Notes in Electrical Engineering	1116			265	280	Conference paper
1909	Dhanalakshmi P.; Prasad B.D.; Nikhitha B.; Sobhitha C.; Kumar A.J.	YouTube Integrated Personalised Music Recommendations based on Facial Expressions	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1910	Priya C.L.	In Vitro Antioxidant Protocols for Actinobacteria	2024	Protocols of Actinomycetes: Microbiology to Gene Editing				140	145	Book chapter
1911	Sai Thrinath B.V.; Kumar D.S.; Reddy V.S.; Kumar Y.P.; Kumar G.S.; Kumar G.H.	A Integrated Charging Hub for Grid-Connected Electric Vehicles Powered by Renewable Energy	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
1912	Dhanalakshmi P.; Chinni S.L.; Kanta G.; Gundappagari C.; Kuruva M.	A Deep Learning Technique For Detecting Drowsiness And Notifying Through Mails And Alarm	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1913	Ramani K.; Bhargavi S.; Kowsar S.; Chowdary N.; Chennakesava M.	Fake Account Detection Using Machine and Deep Techniques in Social Media	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024				706	710	Conference paper
1914	Manohara M.; Bharadwaj D.D.; Reddy K.A.K.; Madhav D.V.; Ganesh D.V.; Sai Thrinath B.V.	Analysis of Perturb & Observe MPPT Algorithm in Partial Shading for DC-DC Boost Converters	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper

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1915	Sudhakar C.V.; Divya L.; Reddy M.S.K.; Tharuni K.; Nageswar K.	Design of Accurate, Power and Area Efficient 16X16 Multiplier using Approximation Techniques	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1916	Geetha P.; Shaik J.B.; Nallagatla V.K.; Ramireddy V.H.; Punuru D.R.	Development of Capacitive Pressure Sensor for Weather Balloon Satellite: COMSOL Multiphysics	2024	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2024						Conference paper
1917	Kumar B.H.; Parimalasundar E.; Muga T.; Reddy Reddi Vari K.K.; Gari S.S.S.; Reddy Potlapadu R.K.	A Review of Non-Isolated DC-DC Converter Topologies	2024	2024 International Conference on Recent Innovation in Smart and Sustainable Technology, ICRISST 2024						Conference paper
1918	Sriharsha A.V.; Anusha K.; Naveen B.; Sadak K.; Hima Harshitha Reddy G.	An Adaptive learning Method for Sign Language Detection	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
1919	Venkatesh B.; Eswara Reddy O.; Sravani E.; Sai Naresh B.; Dinesh Kumar G.	Effect of Geosynthetics Position on Shallow Anchor Uplift Capacity	2024	Lecture Notes in Civil Engineering	352			343	349	Conference paper
1920	Sivaiah B.V.; Gayatri T.S.; Umadevi T.; Reddy R.P.S.; Sravya M.	Stress Prediction using Machine Learning Algorithms	2024	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	2			1987	1993	Conference paper
1921	Kumar B.H.; Parimalasundar E.; Reddy Bhumsani L.S.; Gujjala T.R.; Fakurddin D.B.; Challa P.	A Comprehensive Review on Switched Capacitor-Inductor DC-DC Boost Converter for PV Applications	2024	2024 International Conference on Recent Innovation in Smart and Sustainable Technology, ICRISST 2024						Conference paper
1922	Subrahmanyeswararao M.; Sushama C.; Lanka D.R.; Prasad J.L.; Venkatesh G.; Reddy G.V.D.N.	Gesture Communicator: Empowering Deaf-Mute Communication using Deep Learning	2024	Proceedings - IEEE 2024 1st International Conference on Advances in Computing, Communication and Networking, ICAC2N 2024				712	717	Conference paper
1923	Jyothsna V.; Mokshitha P.; Khulud S.; Reddy L.G.P.; Reddy N.J.; Pydala B.	Advancing Android Security: Leveraging Stacking Ensemble and Bioinspired Feature Selection for Efficient Malware Detection	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
1924	Vaddi H.R.; Mandadhi G.K.; Ameer S.; Kumar D.; Chitteti C.	Smart Crop Advisor - Intelligent Crop and Fertilizer Recommendations with Crop Yield Prediction Using ML Algorithms	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1925	Vijaya Kishore V.; Kalpana V.; Dosapati U.B.	Interpretation of KOA by KL Grading System using Deep Learning	2024	Proceedings of the 2024 10th International Conference on Communication and Signal Processing, ICCSP 2024				109	114	Conference paper
1926	Praveena K.; Krishna G.R.; Reddy G.A.K.; Reddy K.S.; Saisree K.	LungNet: Cascading Precision with ShuffleNet for Dynamic Cancer Classification	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024				112	118	Conference paper
1927	Vijayalakshmi K.; Sreenivasulu K.; Sandhya M.; Khaleelbasha G.; Naresh M.V.	A Dual GAN-Based Method for Augmenting High-Quality Rice Leaf Disease Images	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
1928	Kumar B.H.; Parimalasundar E.; Kumar D.P.; Reddy Bhumsani L.S.; Mahesh K.; Mounika G.	A High Gain Switched Capacitor - Inductor DC-DC Converter for a RES Applications	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
1929	Ramani K.; Kumar S.T.; Datta P.P.S.; Jamuna P.; Nithin K.S.	Predicting Health Insurance Claim Amount through Machine Learning Algorithms	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1930	Medasani S.; Shireesha B.; Hemanth Reddy B.; Teja C.C.; Sainath Chowdary E.V.	Enhanced Single Remote Sensing Image Dehazing via Vision Transformer with Silencing Map Transmission and advanced Image Processing Techniques	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1931	Begum A.Y.; Chowdary G.C.; Umesh R.M.; Afroz S.; Madhur S.S.	Smart Home Voice and Gesture Control Integration using Bluetooth and Gesture Sensor	2024	Proceedings - 2024 5th International Conference on Image Processing and Capsule Networks, ICIPCN 2024				41	46	Conference paper
1932	Jadeja J.; Kakasaniya P.; Asodariya J.; Yele V.; Sanapalli B.K.R.	Mesalamine may be a Plausible Therapeutic Agent for the Management of Diabetic Wounds: A Computational Approach	2024	Letters in Drug Design and Discovery	21	10		1779	1783	Article
1933	Neelima K.; Kavya C.; Pandey D.	6G communications – security issues and possible solutions	2024	6G Communication Network: Architecture, Security and Applications				137	154	Book chapter
1934	Dhanalakshmi P.; Raj B.A.; Ashreen A.R.; Kalyan B.B.; Kumar A.A.; Balakrishna N.	Automated Sentiment Analysis for Instant Feedback on YouTube videos through comments	2024	2024 Control Instrumentation System Conference: Guiding Tomorrow: Emerging Trends in Control, Instrumentation, and Systems Engineering, CISCON 2024						Conference paper

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1935	Yogendra Prasad P.; Ramu M.; Varshini G.S.; Keerthi D.; Jyothsna K.; Neeraja C.K.	Classification and Regression Algorithms for Brain Computer Interfacing	2024	2024 International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2024				75	79	Conference paper
1936	Reddy Madhavi K.; Chalivendra V.; Vasantha C.L.; Lekha R.C.; Dinesh Kumar Reddy K.	Music Recommendation and Generation Based on Face Emotion Detection	2024	Proceedings of International Conference on Circuit Power and Computing Technologies, ICCPCT 2024				1205	1210	Conference paper
1937	Chitteti C.; Kunapareddy P.; Dharani M.; HimaKeerthi B.; Sravani C.; Chilukuri G.	Crime Prediction using Machine Learning Algorithms	2024	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	2			1459	1464	Conference paper
1938	Ramani K.; Reddy M.S.; Bhavani K.; Feeza S.; Bavesh V.S.	Optimization of Rainfall Prediction Using Satellite Data Through Machine Learning and Deep Learning Algorithms	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1939	Kumar B.H.; Parimalasundar E.; Kammari B.S.; Reddy Bandi N.; Reddy Eragala J.M.; Nikhil Kandula V.	A Study of High Gain DC-DC Converter Topologies	2024	2024 International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2024				796	800	Conference paper
1940	Sujatha M.S.; Kuruba M.; Gudise Y.K.; Sake P.; Pattem S.C.; Samineni M.K.	Implementation of Incremental Conductance, Particle Swarm Optimization and Fuzzy MPPT Strategy with Boost Converter in Photovoltaic Systems	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
1941	Dhanalakshmi P.; Hafeeza Taj M.; Manoj Kumar S.; Jasmitha K.; Rakshitha C.	A Deep Learning Based Novel Approach For Identifying Cyclone with XVNET Framework	2024	2024 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2024						Conference paper
1942	Padma Priya A.; Sudhakar C.V.; Pavan Kumar A.; Yugandhar Reddy Y.; Naveen T.	Pest Detection and Prevention for Agricultural Crops Using YoloV8 Algorithm	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1943	Kalpana V.; Poojitha L.; Reddy K.S.L.; Chowdary M.R.; Himabindu K.	Enhanced Diagnosis Approach of Lung Cancer with Leveraged Deep Learning Models	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1944	Jyothsna V.; Poojitha B.; Divya A.S.; Ganesh B.; Srinija D.	Precise Diagnosis of Heart Disease with Stacking Classifier	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
1945	Saritha T.; Akthar P.	The Impact of Hybrid Work Models on Employee Well-being and Engagement	2024	Communications on Applied Nonlinear Analysis	31	55		97	104	Article
1946	Daram S.B.; Suvarna D.J.; Sreekanth C.; Gowthami G.; Hemalatha B.; Sesiprabha K.	Examining the Effect of Fault Impedance on the Power System in the Event of Unbalanced Faults	2024	2024 International Conference on Recent Innovation in Smart and Sustainable Technology, ICRISST 2024						Conference paper
1947	Praveena H.D.; Anusha G.; Geethika K.; Chakradhar N.; Naik K.M.	Design of 1x4 Circular Ring Microstrip Antenna to Enable Greater Gain at Millimeter Wave Frequencies	2024	Proceedings - 2024 1st International Conference on Innovative Sustainable Technologies for Energy, Mechatronics and Smart Systems, ISTEMS 2024						Conference paper
1948	Dharani M.; Chandana R.; Anjani O.; Babu R.S.; Navaneetheswar S.G.	Segmentation Method of Deterministic Feature Extraction for Identification of Brain Tumor Using MRI	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1949	Rao B.N.K.; Abhiram S.R.; Reddy M.M.; Shireen V.; Poojitha P.	Crafting Shopping Experiences Using Artificial Intelligence	2024	Synergy of AI and Fintech in the Digital Gig Economy				370	385	Book chapter
1950	Kishore V.V.; Dosapati U.B.; Deekshith E.; Boyapati K.; Pranay S.; Kalpana V.	CAD Tool for Prediction of Knee Osteoarthritis (KOA)	2024	Proceedings of the 2024 10th International Conference on Communication and Signal Processing, ICCSP 2024				18	23	Conference paper
1951	Nithisha C.; Tejaswini C.P.; Samyuktha B.; Harika B.; Chatrapathi G.	Forecasting Power Prices for Cloud Computing using an Enhanced Machine Learning	2024	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	2			1999	2005	Conference paper
1952	Balamanikandan A.; Madhavi R.B.; Reddy P.A.; Soheli P.A.; Kumar P.V.; Ashokkumar N.	Gesture to Speech: A Wearable Solution for Sign Language Translation	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				595	600	Conference paper
1953	Reddy C.V.; Sai Teja C.B.; Kumar B.P.; Srinathreddy C.; Tallapragada V.V.S.	Real- Time Image-based Calorie Estimation using YOLOv4 Object Detection	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024				764	769	Conference paper

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1954	Medasani S.; Vaishnavi N.; Kumar Reddy N.N.; Thanmavi P.; Pooja P.	16-bit Vedic multiplier Using Carry Skip Adder	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1955	Supriya P.; Kumar P.S.; Akshaya P.; Akhil Y.; Venkatanaresh M.	Automated Cloth Quality Grading for E-Commerce Platform Using Machine Learning	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
1956	Raju R.; Lokesh C.; Joseph J.; Rajesh Reddy Y.V.; Pavan Kumar V.; Durga Prasad J.	The Human-Centric Industry 5.0: Empowering the Workforce for a Sustainable Future	2024	Lecture Notes on Multidisciplinary Industrial Engineering	Part F3358			117	126	Book chapter
1957	Krishna Kumar N.; Reddy P.V.; Ganesh D.; Nirmala K.; Pradeep M.; Babu J.S.	Application of Machine Learning Algorithms for Efficient Disease Prediction	2024	Proceedings of the 9th International Conference on Communication and Electronics Systems, ICCES 2024				1145	1148	Conference paper
1958	Manchala A.K.; Vijaya Kishore V.	Advancements in Machine Learning and Data Mining Techniques for Collision Prediction and Hazard Detection in Internet of Vehicles	2024	Passer Journal of Basic and Applied Sciences	6	1		80	91	Article
1959	Gadaparthi K.; Prakash P.; Nathan S.R.; Raju V.	Understanding the impact of nickel coating on the mechanical and corrosion behaviour of copper foams	2024	Canadian Metallurgical Quarterly						Article
1960	Ghamya K.; Prema K.; Reddy D.A.; Varaprasad K.; Sai K.N.; Tejesh S.	Human Activity Recognition with Smartphones using Machine Learning Algorithm	2024	2024 International Conference on Knowledge Engineering and Communication Systems, ICKECS 2024						Conference paper
1961	Gireesh N.; Obulareddy V.; Toufeer S.W.; Kalyan P.; Chowdary P.Y.	Contrast and Colour Improvement based Haze Removal of Satellite Images using Fusion Technique	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1962	Vanitha K.; Krishna K.L.; Tarigonda H.; Chanu S.	Implementation of Full Adder Logic using XOR-XNORLogic	2024	2024 1st International Conference on Software, Systems and Information Technology, SSITCON 2024						Conference paper
1963	Parimalasundar E.; Aditya S.S.M.; Sumalatha P.; Shivani U.K.; Sree M.J.; Pavan S.	Multiport Converter and Photovoltaic Cell Fusion for EV Charging Stations	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				1305	1310	Conference paper
1964	Anila C.; Ashokkumar N.; Vittan E.J.; Chowdary B.U.M.; Subramani D.S.B.; Balamaniikandan A.	Sun-Powered Tactical Uniforms for Soliders in Military Applications	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				833	839	Conference paper
1965	Ahamed S.S.Z.; Sree S.C.; Khalindar S.S.D.; Dharmaja P.; Tallapragada V.V.S.	Prediction of Crime Hotspots using Machine Learning with Stacked Generalized Approach	2024	2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024				1784	1788	Conference paper
1966	Krishna N.A.; Narayana S.L.; Naidu B.V.V.	“Lauha Bhasma for Urinary Disorders: A Comprehensive Review of Material Science and Processing Techniques for Enhanced Therapeutic Efficacy of Nano-Based Iron Medicine”	2024	Springer Proceedings in Materials	54			289	297	Book chapter
1967	Ezhilvannan P.; Krishnan S.	Analysis of the Performance of a 5-Level Modular Multilevel Inverter for a Solar Grid-Connected System	2024	El-Cezeri Journal of Science and Engineering	11	1		103	108	Article
1968	Madhuri Ch.B.; Prathima Ch.; Jyoshna R.; Varsha V.S.; Khan P.A.; Babu S.M.	A Novel Approach to Predict the Satellite Image Using CNN-ResNet Model Through Flask Application	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024						Conference paper
1969	Jyothsna B.; Jyothsna V.	Defending Against IoT Threats: A Comprehensive Framework with Advanced Models and Real-Time Threat Intelligence for DDoS Detection	2024	Proceedings of the 2nd IEEE International Conference on Networking and Communications 2024, ICNWC 2024						Conference paper
1970	Prathima Ch.; Nagajyothi C.; Rangaswamy K.; Hemanth A.; Reddy C.R.; Spoorthy L.	Finding Offensiveness in Movie Reviews of Low Level Languages using Machine Learning	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024				1006	1011	Conference paper
1971	Venkatesh S.; Preethi R.; Revathi B.; Dhanya R.; Sachuthananthan B.	A Review on Human Respiratory Model Development for Drug Delivery	2024	2nd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2024 - Proceedings				800	803	Conference paper
1972	Ramani K.; Priya L.S.; Santhoshi L.S.; Manichandrika G.; Koushik G.V.	NutriSustain: Bridging Sustainable Practice with Health Conscious Food Recommendation System	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				1491	1496	Conference paper
1973	Ravindra G.; Kuravalapalli K.K.R.; Sollapuram K.R.; Mala V.; Sai Y.G.; Sundaramoorthy P.	Performance Analysis of VSG in a Renewable Energy Sources Based Microgrid	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
1974	Deepthi J.; Dharani N.P.; Aswini S.; Priya D.G.; Harsha K.M.; Bhargav Y.S.S.S.	Care Guard: Holistic Health Monitoring and Autonomous Care System	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024				1325	1331	Conference paper

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1975	Balamanikandan A.; Javeed Kamal A.; Manohar Joshi D.; Jagadeesh C.; Rekha B.; Venkataramanaiah N.	Convolution and Swim Transformer-Based Object Detection in Remote Sensing	2024	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024				1013	1018	Conference paper
1976	Suresh K.; Parimalasundar E.	ITBC Controlled IPWM for Solar Based Wide Range Voltage Conversion System	2024	IETE Journal of Research	70	4		4278	4286	Article
1977	Rao K.L.	Green Electricity Share Enhancement Through Rooftop Solar PV System on Institutional Sheds	2024	IEEE Canadian Journal of Electrical and Computer Engineering						Article
1978	Ashokkumar N.; Haritha P.V.; Eswar P.; Kumar P.V.S.K.; Prakash S.S.B.; Raghunath M.	IOT-Enabled VLC Industry Automation System: Harnessing Node MCU Microcontroller for Streamlined Control and Communication	2024	2024 International Conference on Intelligent Systems for Cybersecurity, ISCS 2024						Conference paper
1979	Kalpana V.; Yaswanth Reddy V.; Balaji B.; Vanaja A.; Vaishnav Kumar Reddy C.	Deep Learning Based Blood Cell Identification and Subtype Classification	2024	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2024						Conference paper
1980	Nimmagadda P.; Pappaka S.K.; Mahesh S.; Padarthi K.; Panthagani V.	Gesture-Driven Touchless Interface for Contactless Smartboard	2024	International Conference on Smart Systems for Applications in Electrical Sciences, ICSSSES 2024						Conference paper
1981	Sivakumar C.; Deepti K.; Revanth R.S.; Gowthami M.; Geethika C.S.	Implementation of Knee Osteoarthritis Detection and Severity Prediction Using Convolution Neural Network	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				1998	2005	Conference paper
1982	Prathima Ch.; Suhel S.M.; Rajeti R.S.; Naik M.S.K.; Chaithanya S.K.; Reddy N.P.	Human Abnormal Activity Prediction of Long Short-Term Memory using CNNs and RNNs in Deep Learning	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024						Conference paper
1983	Ravindra G.; Vardhan M.J.; Basha S.K.; Surya Teja D.; Stephen Karthik M.J.; Prabhusundaramoorthy	Optimizing Virtual Synchronous Generators for Enhanced Frequency Response in Microgrids	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
1984	Kumar Y.D.; Reddy B.H.; Yesaswini B.; Chalampalem K.K.; Nagakumar K.	Data Acquisition Robot using IoT for Monitoring Harmful Environments	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024				1807	1814	Conference paper
1985	Thamaraimanalan T.; Vishnu P.G.; Dineshkumar R.; Dayanand A.; Shahil S.M.; Ashokkumar N.	Prevention of Road Accidents Using Hybrid Machine Learning Algorithm	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				2137	2143	Conference paper
1986	Kumar C.S.; Deeraj M.P.; Vardhan K.N.H.; Amulya K.; Govardhan K.	Fashionista a Personalized Fashion and Style Recommendation System with Machine Learning Insights	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				1898	1904	Conference paper
1987	Ramana P.V.; Alpuri V.V.; Chappidi A.; Devarla S.J.; Angeru P.K.	An Efficient Approach to Design Ternary Logic Circuits with GNRFETs	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1988	Pavithralochani V.; Paul J.; Alagesan J.; Hema V.H.	Comparison of dynamic neuromuscular stabilisation and Maitland's mobilisation on nerve conductivity in subjects with cervical radiculopathy; [Porównanie dynamicznej stabilizacji nerwowo-mięśniowej i mobilizacji według Maitlanda na przewodnictwo nerwowe u pacjentów z rwy kulszowej szyjnej]	2024	Fizjoterapia Polska	2024	4		189	193	Article
1989	Reddy Y.V.S.; Yaswanth T.; Yadav U.; Yedamala S.; Naresh M.V.	Real-Time Malicious Intrusion and Attack Detection in IoT-Enabled Cybersecurity Infrastructures	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
1990	Reddy C.V.S.; Sindhu B.; Deepak A.G.M.; Preetham D.V.S.; Prasad T.V.S.G.	Energy Efficient 2D FIR Filter and Multiplier Design for Image Processing Applications	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
1991	Ashokkumar N.; Venkatramana P.; Arun V.; Prabhu S.	A Comparative Study on Student Engagement and Achievement in Online Versus Traditional Classroom Instruction	2024	Journal of Engineering Education Transformations	38	2		34	46	Article
1992	Godala S.; Sunil Kumar M.	Hybrid Model for Intrusion Detection in Wireless Sensor Network: An Improved Class Imbalance Processing	2024	Communications on Applied Nonlinear Analysis	31	5s		118	128	Article
1993	Nune D.; Ramana P.V.	Comparative Study of Copper and Cobalt Loaded Multi-Patch Rectangular Antenna for Multi Band Frequencies	2024	3rd International Conference on Communication, Control, and Intelligent Systems, CCIS 2024						Conference paper
1994	Rao K.V.; Selvakumar R.K.	Spatiotemporal Graph Neural Networks for Traffic Forecasting: A Comparative Analysis	2024	Lecture Notes in Electrical Engineering	1226 LNEE			451	463	Conference paper

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1995	Sirish Kumar M.; Anusha K.; Vaishnavi P.; Sandhya S.	Sensor Scheduling in an IoT Health Monitoring System with Interference Awareness	2024	AI and IoT Technology and Applications for Smart Healthcare Systems				130	141	Book chapter
1996	Prathima C.; Rajeswarappa G.; Kumar M.T.; Kumar M.C.; Bharath T.; Babu G.U.	A Novel Approach for Detecting Breast Cancer Cells and Comparison using DeepLearning Techniques	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
1997	Bharathi M.; Shirur Y.J.M.	Efficiency Evaluation of Scalable Multiply and Accumulate Architectures in DSP: A Comparative Study of LUT Based and LUT-Less Based Approaches	2024	Proceedings of the 2nd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2024						Conference paper
1998	Prasad P.Y.; Ramu M.; Priya I.G.; Sree K.S.; Leelavathi B.; Satwik A.S.	Automated Image Annotation with Voice Synthesis Using Machine Learning	2024	2024 2nd World Conference on Communication and Computing, WCONF 2024						Conference paper
1999	Prathima Ch.; Madhuri Ch.B.; Hasitha N.C.; Teja N.K.S.; Greeshma M.; Vani M.S.	Strengthening Airline Communication Network Security: A Zero-Trust Model with Blockchain-Based Identity Storage and Advanced Algorithms	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024						Conference paper
2000	Gurubasavaraju T.M.; Sachidananda K.B.; Lakshmi Narasimhamu K.; Raghu K.K.	Performance evaluation and optimization of magnetorheological damper with non-magnetic spacer using JAYA and grey wolf optimization	2024	International Journal on Interactive Design and Manufacturing	18	1		555	567	Article
2001	Avanija J.; Goundar S.; Konduru R.M.	Convergence of Cybersecurity and Cloud Computing	2024	Convergence of Cybersecurity and Cloud Computing				1	640	Book
2002	Burada S.; Eraiah M.B.; Sunil Kumar M.	Optimal hybrid classifier with fine-tuned hyper parameter and improved fuzzy C means segmentation: skin cancer detection	2024	International Journal of Ad Hoc and Ubiquitous Computing	45	1		52	64	Article
2003	Bala Krishna N.; Lokesh K.; Vali D.A.; Mahathi K.; Kumar K.S.; Padmini G.	Machine Vision-Driven Semantic Segmentation for Autonomous Navigation	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024				1775	1780	Conference paper
2004	Venkatesh S.; Kathirvel M.; Dharsan R.V.; Yogaraju K.; Sachuthananthan B.	Review on Flow Pattern Characters in Cyclone Separator	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				2312	2317	Conference paper
2005	Balakrishna N.; Mukesh Krishnan M.B.; Sai E.V.R.; Ranganath S.V.; Sonika K.; Priyanka L.G.	Ocular Disease Recognition using EfficientNet	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024				1069	1074	Conference paper
2006	Kishore V.V.; Kalpana V.; Nagendra R.	Automated Blood Cell Identification, Counting, and Sub type classification using Deep Learning	2024	3rd International Conference on Automation, Computing and Renewable Systems, ICACRS 2024 - Proceedings				1115	1119	Conference paper
2007	Saddi V.R.; Kumar M.S.	Reducing loss for Brain tumour detection and classification in MRI using deep learning techniques	2024	Communications on Applied Nonlinear Analysis	31	6S		330	341	Article
2008	Maheswari K.; Padmaja N.	Rapid Video Communication in 5G NR Using Optimised HEVC	2024	SSRG International Journal of Electrical and Electronics Engineering	11	1		46	57	Article
2009	Srinivasa B.; Jeeragyal D.P.; Ramyakrishna M.L.; Anandh Raj J.; Vaheedha S.; Sai Bhargavi E.; Likitha G.; Bhavya Sai Sreeja K.	A comparative study of topical combinations with infrared radiation on non-healing ulcers	2024	Onkologia i Radioterapia	18	6				Article
2010	Harshitha A.; Naseeba B.; Rao N.K.; Sathwik A.S.; Challa N.P.	Crop Growth Prediction using Ensemble KNN-LR Model	2024	EAI Endorsed Transactions on Internet of Things	10					Article
2011	Naresh G.; Chandu M.M.; Spandana H.S.; Naik J.T.P.; Kumar M.A.	Streamlining IoT Malware Detection:A Pipeline Based Approach	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
2012	Neelima K.; Kavya C.; Pandey D.	Digital twin architectures for 6G communication: Network and their future directions	2024	6G Communication Network: Architecture, Security and Applications				64	76	Book chapter
2013	Peter G.; Stonier A.A.; Arun V.; Iderus S.	Minimum Switch Double Boost Switched Capacitor Inverter with Phase Disposition PWM Control	2024	Proceedings of the International Conference on Power Electronics, Drives, and Energy Systems for Industrial Growth, PEDES		2024				Conference paper
2014	Yogendra Prasad P.; Ramu M.; Ajith V.; Swarna Bhoomika V.; Vivek Vardhan T.; Satwika B.	CNN-Enabled Generation of Comprehensive Reports from Chest and Orthopaedic Radiographs	2024	2nd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2024						Conference paper
2015	Harika D.; Neelima K., Dr.; Nagendra R.; Murty C.R.	Inset Fed Rectangular Microstrip Patch Antennas for 5G Applications	2024	International Conference on Futuristic Technologies in Control Systems and Renewable Energy, ICFCR 2024						Conference paper

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2016	Manga N.A.; Pradeep Kumar G.; Satyanarayana Tallapragada V.	FPGA design of arithmetic optimised APT-VDF using reusable Vedic multiplier with simplified combinational logics for medical signal denoising	2024	International Journal of Electronics	111	1		64	85	Article
2017	Sai Thrinath B.V.; Reddy M.R.P.; Manohara M.; Geetika A.; Sai E.P.; Kumar N.M.G.	Analysis of a bidirectional converter for electric vehicles using photovoltaic panels	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
2018	Madhavi T.; Bhatt D.	Managing the Challenges and Opportunities of Leadership for Organizational Success in the Age of Artificial Intelligence	2024	Proceedings of the 16th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2024						Conference paper
2019	Ramalingam V.; Alagesan J.; Vishnuram S.	Physiotherapy - a green sustainable alternative healthcare	2024	ESG Innovation for Sustainable Manufacturing Technology: Applications, designs and standards				131	145	Book chapter
2020	Chandrashekhar K.; Leela P.; Madhavi K.R.; Avanija J.; Tangudu N.	Grey Wolf Optimizer and Deep Neural Network based Feature Selection and Classification in Medical Image Analysis	2024	Proceedings of the 18th INDIAcom; 2024 11th International Conference on Computing for Sustainable Global Development, INDIACom 2024				957	960	Conference paper
2021	Aldaweri S.A.A.; Ali A.M.; Gangopadhyay A.	Improved Routing with Multichannel Clustering in Vehicular Communication	2024	2024 Asian Conference on Communication and Networks, ASIANComNet 2024						Conference paper
2022	Balakrishna N.; Sakthivel M.; Ushasri G.S.; Thanmai J.N.; Kumar K.B.; Swamy G.V.	Enhancing Cloud Image Retrieval Efficiency through Secure Optimization	2024	2024 International Conference on Knowledge Engineering and Communication Systems, ICKECS 2024						Conference paper
2023	Gupta R.; Madupuri H.	Study of Reinforced Soil Embankment Supported on Stone Column Improved Ground	2024	Lecture Notes in Civil Engineering	479 LNCE			15	25	Conference paper
2024	Arun V.; Prabhu S.; Vinod S.; Prakash A.; Dinesh Kumar T.; Simha Reddy P.J.	A Single-Phase Double-Boost Minimum Components Switched Capacitor Inverter	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
2025	Depuru S.; Amala K.; Supriya P.; Basi Reddy A.; Gireesh R.S.	VGG-16 Technique to Reduce the Global Food Crises and Enhance the Crop Yields: Deep Learning Approaches	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024				596	599	Conference paper
2026	Prathima Ch.; Arava R.R.; Sevitha K.; Manikanth G.; Vinay D.; Surya C.	A Novel Model for Recognising Handwritten Devanagari Numerals using Machine Learning	2024	Proceedings - 2024 4th International Conference on Pervasive Computing and Social Networking, ICPCSN 2024				67	72	Conference paper
2027	Pydala B.; Kumar T.P.; Baseer K.K.	VISISENSE: A COMPREHENSIVE IOT-BASED ASSISTIVE TECHNOLOGY SYSTEM FOR ENHANCED NAVIGATION SUPPORT FOR THE VISUALLY IMPAIRED	2024	Scalable Computing	25	2		1134	1151	Article
2028	Varna C.P.; Das M.P.; Sunitha G.; Sriharsha A.V.; Galety M.G.	Predictive Modeling in Finance: Harnessing Machine Learning Algorithms for Enhanced Decision Making	2024	Data Analytics and AI for Quantitative Risk Assessment and Financial Computation				59	78	Book chapter
2029	Kumar B.H.; Ravi Teja K.; Kammari B.S.; Reddy V.J.; Obulapathi B.; Parimalasundar E.	A Quasi-Z-Source Boost DC-DC Converter Coupled Inductor for PV Applications	2024	2024 3rd International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2024						Conference paper
2030	Sachuthananthan B.; Padmaja N.; Shaik F.; Kumar P.S.; Vyas M.G.; Jothi N.K.M.	Electric Vehicle Technology Opportunities and Challenges	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				1722	1725	Conference paper
2031	Sujatha M.S.; Reddy M.G.M.; Reddy C.B.; Sriyesh V.S.; Sofiya K.; Sulthan E.T.	RC4 Cipher Based Securing of Data Exchange in Smart Grid	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
2032	Sabareesh M.; Rajangam J.; Yanadaiah J.P.	Formulation of Enalapril Maleate Nanoproniosomal Gels and Their Pharmacokinetic Evaluations in Hypertensive Albino Wistar Rats: Ex Vivo and In Vivo Approaches	2024	Nano Biomedicine and Engineering	16	3		429	442	Article
2033	Prathima C.; Silpa C.; Charitha A.; Harshitha G.; Sai Charan C.; Sailendra G.R.	Detecting and Recognizing Marine Animals Using Advanced Deep Learning Models	2024	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024				950	955	Conference paper
2034	Somsole L.N.; Gopalan V.	Interlaminar shear and impact properties of particle reinforced jute fiber/epoxy hybrid composites	2024	Journal of Reinforced Plastics and Composites						Article
2035	Jyothsna V.; Swetha S.N.; Kumar P.L.; Kumar V.U.; Kalyan P.; Srilakshmi K.	A Novel Machine Learning Approach to Detect Application Layer DDoS Attacks	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
2036	Balakrishna N.; Krishnan M.B.M.; Veerabhadru B.; Rishika A.; Sruthika B.; Kumar B.S.	Facial Image Analysis for Stress Detection in IT Professionals using Machine Learning Techniques	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024				571	577	Conference paper

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2037	Avanija J.; Balachandrasai M.C.; Balaji V.; Suryapogu P.; Bharani M.; Venkat Sai M.	Ransomware Detection Using Ensemble of Deep Learning Models	2024	Convergence of Cybersecurity and Cloud Computing				473	492	Book chapter
2038	Rani S.; Pandey R.; Memoria M.; Joshi K.; Krishna K.H.	KOA Management in CDS using AI: A Review	2024	2024 International Conference on Smart Devices, ICSD 2024						Conference paper
2039	Neelima K.; Hari Chandana B.; Kumar N.A.; Kanmani Pappa C.	Low Power and Area Efficient Borrow Select Subtractor	2024	2nd International Conference on Integrated Circuits and Communication Systems, ICICACS 2024						Conference paper
2040	Hemanth Kumar G.; Vidya Sagar K.N.; Patil P.; Moinuddin M.; Faraz M.; Kumar Y.D.	Human-Computer Interaction for Drone Control through Hand Gesture Recognition with MediaPipe Integration	2024	Proceedings of IEEE International Conference on Vehicular Technology and Transportation Systems, ICVTTS 2024						Conference paper
2041	Satyam; Kishore V.V.; Neelima K.; Kumar N.A.	Computational Intelligence and Blockchain in Distributed Applications: Benefits and Challenges	2024	Computational Intelligence and Blockchain in Biomedical and Health Informatics				123	133	Book chapter
2042	Kumar R.S.; Kathiravan P.; Bhuvaneshwaran V.; Jagadeev G.S.; Krishna Prasath S.; Kumar B.H.	Intelligent Battery Management System Integrated with Solar PV for Residential Applications	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
2043	Nagaraju L.V.V.; Shyam Sundar S.	Flexibility for Creativity and Creativity in Sustainable Business	2024	Communications on Applied Nonlinear Analysis	31	5S		91	96	Article
2044	Chowdam V.S.; Galiveeti U.R.; Neerugatti U.R.	OPEN-PIT LIMESTONE MINING AREAS MAPPING AND ASSESSMENT USING RANDOM FOREST ALGORITHM FOR SUSTAINABLE DEVELOPMENT	2024	Suranaree Journal of Science and Technology	31	4	10324	1	9	Article
2045	Nagalakshmi P.; Ashokkumar N.; Riyaz S.; Kiran P.P.S.; Vamsi R.S.K.; Raghunath M.	Nanotech-Assisted Wireless Gas Monitoring	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				945	950	Conference paper
2046	Sundaramoorthy P.; Devireddy P.; Thummala C.; Valmiki S.; Kaperla P.A.; Padmanabhan D.	PMSM Motors in the Air: Investigating Torque Characteristics for Optimal Drone Performance	2024	Proceedings of the 3rd IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2024				286	291	Conference paper
2047	Neelambaram B.; Reddy P.V.; Ganesh D.; Basi Reddy A.; Nagabharath K.; Hotham N.P.	Protect Efficient Password-based Threshold Single-Sign-on Authentication for Mobile and Desktop Environment against Perpetual Leakage	2024	Proceedings - 2024 4th International Conference on Pervasive Computing and Social Networking, ICPCSN 2024				690	695	Conference paper
2048	Joseph B.M.; Baseer K.K.	A Machine Learning and Fuzzy-Based Reliable Data Collection and Communication in AIoT—Fog Computing Environment	2024	Lecture Notes in Electrical Engineering	1117			209	232	Conference paper
2049	Bompem G.; Pandluri D.	Batch Normalization Based Convolutional Neural Network for Segmentation and Classification of Brain Tumor MRI Images	2024	International Journal of Intelligent Engineering and Systems	17	2		39	49	Article
2050	Kadiri P.; Arjun U.; Sravani N.; Jyothi N.S.; Mahesh P.; Naik S.J.	Detecting Cyberbullying through social media: A Deep Learning Approach	2024	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE 2024						Conference paper
2051	DHARANI M.; NAGENDRANATH M.V.V.S.; RAFEE S.M.; KISHORE G.N.; VENKATAKRISHNAMOORTHY T.	SPECKLE NOISE DETECTION AND REMOVING BY MACHINE LEARNING ALGORITHMS IN MULTISENSORY IMAGES FOR 5G TRANSMISSION	2024	Scalable Computing	25	4		2679	2686	Article
2052	Vigneshwar S.T.; Balaji M.; Kamaraj V.; Prabhu S.	Comparative Analysis of Switched Reluctance Motors with Different Slot Pole Combinations for Quadcopter Applications	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
2053	Naik R.S.K.; Devaraju T.	Intelligent Distribution Systems and Grid Integration of Renewable Energy Resources	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
2054	Manikandan N.; Thejasree P.; Raghurami Reddy D.; Kumar P.P.	Development of Regression model and Optimization of Process Parameters for Wire Electrical Discharge of SAE 1010 Steel using Taguchi Grey Approach	2024	Journal of Physics: Conference Series	2837	1	12084			Conference paper
2055	Balakrishna N.; Krishnan M.B.M.; Ganesh D.	Hybrid Machine Learning Approaches for Predicting and Diagnosing Major Depressive Disorder	2024	International Journal of Advanced Computer Science and Applications	15	3		619	632	Article
2056	Madhu G.C.; Reddy K.S.; Shabir M.M.; Kumar J.R.; Kumar G.P.; Srihari D.	Comparative Analysis of Energy Aware Routing Techniques in WSN	2024	Proceedings of International Conference on Communication, Computer Sciences and Engineering, IC3SE 2024				926	929	Conference paper
2057	Sachuthananthan B.; Vinoth R.; Madhu Sudan Reddy D.; Krupakaran R.L.	The effect of injection timing on CI engine characteristics using a novel waste plastic oil from LDP as fuel	2024	International Journal of Ambient Energy	45	1	2281616			Article

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2058	Reddy B.R.; Neelima P.; Kumar M.S.; Sushama C.; Ganesh D.; Yethish Y.	A Gamified Platform for Educating Children About Their Legal Rights	2024	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024				1475	1479	Conference paper
2059	Kumar C.S.; Bhaskaru O.; Komatlapalli B.; Areddula P.S.K.; Maddali M.; Reddy B.R.	Content based Image Retrieval using K-Nearest Neighbours and Convolutional Neural Networks	2024	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	2			1607	1613	Conference paper
2060	Ganesh A.; Depuru S.; Basi Reddy A.; Sujatha G.	Streamlining Cancer Diagnosis and Prognosis System using Hybrid CNN-NPR: Deep Learning Approaches	2024	International Journal of Intelligent Systems and Applications in Engineering	12	3		190	201	Article
2061	Musala S.; Sai Krishna Reddy P.; Apurupa G.; Srinivasulu A.; Venkata Supriya D.; Hema C.; Abhiram C.; Haripriya G.; Nikhitha B.	Approximate Full Adders Design for Energy Efficiency using CNTFETs	2024	International Conference on Applied Electronics						Conference paper
2062	Barusu M.R.; Kothuri R.	Pollutants and Heavy Metal Detection in Water Samples Employing Artificial Intelligence	2024	Proceedings of 2024 2nd International Conference on Recent Trends in Microelectronics, Automation, Computing, and Communications Systems: Exploration and Blend of Emerging Technologies for Future Innovation, ICMACC 2024				391	395	Conference paper
2063	Ramani K.; Hima Bindu G.B.; Manju A.B.; Silpa C.	A Hybrid Technique to Secure Logistics Information Through Blockchain and NTRUEncrypt	2024	Convergence of Cybersecurity and Cloud Computing				225	243	Book chapter
2064	Jeevan Kumar B.; Kondaveeti D.; Mounika G.; Saraswathi P.; Dharani Prasad P.; Gokul T.	Case Report of a 27-year-old Patient with Hair Dye Poisoning Causing Acute Kidney Injury	2024	Journal of Forensic Science and Medicine	10	4		351	353	Article
2065	Purnima K.; Tallapragada V.V.S.; Devi B.; Kumar M.S.; Pavithra K.; Rao T.G.	Enhancement of Low-Light Images using Structure-Aware Illumination Mapping: A LIME Approach	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2066	Peter G.; Stonier A.A.; Arun V.; Iderus S.	Double Boost Switched Capacitor Multi-Level Inverter with Modified PWM Control	2024	Proceedings of the International Conference on Power Electronics, Drives, and Energy Systems for Industrial Growth, PEDES		2024				Conference paper
2067	Prasad P.Y.; Ramu M.; Reshma S.; Priya R.C.; Anusha P.; Reddy B.L.	Leaf Lens: An Intelligent Vision for Plant Disease Diagnosis using Deep Learning	2024	2nd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2024						Conference paper
2068	Balamanikandan A.; Ashokkumar N.; Arunraja A.; James Periyanyagam L.; Pereira A.P.; Lobo J.P.	Approximate Binary Stacking Counters for Error Tolerant Computing Multipliers	2024	2024 4th International Conference on Intelligent Technologies, CONIT 2024						Conference paper
2069	Balakrishna N.; Mukesh Krishnan M.B.; Ganesh D.	Handling Depression: An In-depth Study on its Causes and Treatment through Novel Machine Learning Approaches	2024	8th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2024 - Proceedings				830	835	Conference paper
2070	Maria Joseph B.; Baseer K.K.	Fuzzy based Reliable Data Collection and Communication in Artificial Intelligence of Things (AIoT) Networks	2024	International Journal of Intelligent Systems and Applications in Engineering	12	3s		218	229	Article
2071	Prathima Ch.; Rao J.V.; Sarath P.; Prathyusha P.; Karthik O.; Aastha S.	Data Augmentation and Hyperparameter Tuning Boost Food Image Recognition	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
2072	Chitteti C.; Kopparam R.; Ganesh B.V.S.S.; Sutraya S.; Kamakshi V.; Jangam S.	ML-driven Emotion Identification for Feedback Analysis in E-learning Platforms	2024	2024 OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 4.0, OTCON 2024						Conference paper
2073	Siva N.; Sivaiah B.V.; Dharani K.; Srilekha K.V.; Yaswanth E.; Venkateshwarlu G.	Federated Learning-Based Flood Forecasting Model Enhancing Predictive Accuracy and Privacy in Flood Prediction	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
2074	Gupta P.; Gupta P.K.	Performance Analysis of GCN, GNN, and GAT Models with Differentiable Pooling for Detection of Fake News	2024	Proceedings of the 2024 3rd Edition of IEEE Delhi Section Flagship Conference, DELCON 2024						Conference paper
2075	Naresh K.; Umapathi Reddy P.; Sujatha P.	Performance analysis on parallel operation of multimode droop controller doubly fed induction generator based wind energy conversion system with Other wind unit, solar units, loads and facts device	2024	Journal of Control and Decision	11	3		385	395	Article
2076	Thejasree P.; Manikandan N.; Raghurami Reddy D.; Kumar J.S.; Kumar P.P.	Application of Taguchi-Grey approach for wire electro discharge machining of aluminium alloy	2024	Journal of Physics: Conference Series	2837	1	12085			Conference paper

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2077	Anchupogu P.; Krupakaran R.L.; Venkateswarlu S.; Satish S.; Phaneendrareddy S.; Shohel S.; Umamaheswarrao P.	Combined effect of hydrogen and with Julifora biodiesel blend (JFB20) on the combustion, performance and emission characteristics of a direct-injection diesel engine	2024	Procedia Structural Integrity	64	C		236	240	Conference paper
2078	Yogendra Prasad P.; Ramu M.; Anitha K.; Lalasa K.; Hasritha D.; Reddy B.A.	Brain Stroke Detection Through Advanced Machine Learning and Enhanced Algorithms	2024	2024 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2024						Conference paper
2079	Thella V.N.; Singaraju B.S.; Rali J.; Raghavarapurapu R.; Lakshmi P.V.; Srinivasulu A.	Low Power High Speed Inverter Based Differential Input Dynamic Comparator	2024	Proceedings of the 16th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2024						Conference paper
2080	Venkatesh S.; Elavarasan S.; Elanchezhiyan E.; Suganth B.; Sachuthananthan B.	Performance of Dry Powder Inhaler - Review	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				1726	1732	Conference paper
2081	Hari Krishnan G.; Prabhu S.; Sudharshan Reddy L.; Chandrasekar P.; Dinesh Kumar T.; Himasree Ushaswini P.	ANN Based Speed Control of BLDC Motor Using Six-Step Inverter	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
2082	Prabha A.S.; Daram S.B.; Reddy C.J.	A Machine Learning System for Predicting Severity Under Single Transmission Line Outages	2024	2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2024						Conference paper
2083	Shareef M.M.; Sunitha G.; Prasad Sanaboina S.V.S.V.; Sireesha M.; Reddy Madhavi K.; Antharam G.; Kumar V.N.	Measles Detection Using Deep Learning	2024	Lecture Notes in Networks and Systems	898			381	389	Conference paper
2084	Sangamithra B.; Asha K.H.; Sunil Kumar M.	An Improved Information Retrieval System using Hybrid RNN LSTM for Multiple Search Engines	2024	Communications on Applied Nonlinear Analysis	31	5s		167	180	Article
2085	Balamanikandan A.; Neeraja S.L.; Kishore T.V.; Deepika U.; Prathyusha S.; Venkatachalam K.	IoT-Enabled Advanced Health Monitoring System using ESP32 and UBI DOTS	2024	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024				403	408	Conference paper
2086	Irrigisetty H.; Madhavi K.R.; Avanija J.; Thokala R.R.; Varma K.S.S.R.	Enhancing Alzheimer's Disease Diagnosis Through Deep Learning-Leveraging VGG-16 Architecture and Adaptive Boosting	2024	Proceedings - 2024 5th International Conference on Image Processing and Capsule Networks, ICIPCN 2024				457	464	Conference paper
2087	Siva N.; Sivaiah B.V.; Reddy S.S.; Irfan S.; Kumar U.P.; Nayagara S.N.	Phishing Detection System through Hybrid Machine Learning Based on URL	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
2088	Sai Kiran Naik R.; Devaraju T.	Smart Grid Optimization through IoT-Driven Demand-Side Management	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
2089	Arora B.; Lather V.; Pathalingappa M.B.; Walia R.	Enhancement of aqueous solubility of hesperidin and naringenin utilizing hydrotropic solubilization technique: characterization and in vitro evaluation	2024	Journal of Asian Natural Products Research	26	10		1207	1218	Article
2090	Ranjan M.J.; Ganesh D.; Saradhi K.; Sowmya V.J.; Rajesh Y.; Sunil Kumar M.	Application of Machine Learning Algorithms to Predict New Mobile Customers	2024	2024 International Conference on Computational Intelligence for Green and Sustainable Technologies, ICCIGST 2024 - Proceedings						Conference paper
2091	Arulkumar K.; Gowthami R.; Kumar Arapirala V.P.; Ramanathan P.; Arun V.	Estimating Lithium-Ion Battery State of Health with Least Squares Approach for Accurate Assessment	2024	2nd International Conference on Emerging Trends in Information Technology and Engineering, ic-ETITE 2024						Conference paper
2092	Kumar M.S.; Rani T.R.; Rakesh U.; Sunitha D.; Kumar G.S.	An Edge Artificial Intelligence Federated Recommender System for Virtual Classrooms	2024	Model Optimization Methods for Efficient and Edge AI: Federated Learning Architectures, Frameworks and Applications				341	349	Book chapter
2093	Kumar C.S.; Bhaskaru O.; Karanam B.; Ahmed A.A.; Gari Charan Teja Reddy Y.; Sathwik M.	Exploring Multi-Class Stress Detection Using Deep Neural Networks	2024	2024 International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2024				69	74	Conference paper
2094	Devi B.M.; Ganesh D.; Saritha K.; Balram G.; Ravi P.; Chaitanya I.	Implementation of Novel Deep Learning Techniques for Real-time Object Detection	2024	Proceeding of 2024 International Conference on Communication, Computing and Energy Efficient Technologies, I3CEET 2024				267	272	Conference paper
2095	Perarasi M.; Arunmozhi R.V.; Anil Kumar N.; Whitin P.; Sai Sharan P.; Sarala B.	Analysis of New Multilevel Inverter with Reduced Switched Components	2024	8th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2024 - Proceedings				490	495	Conference paper
2096	Prasuna V.G.; Babu B.R.; Pydala B.	BLOCKFOG: A BLOCKCHAIN-BASED FRAMEWORK FOR INTRUSION DEFENSE IN IOT FOG COMPUTING	2024	Scalable Computing	25	3		1950	1962	Article

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2097	Sivajyothi M.; Madhavi K.R.; Vishnu Vandana Devi V.; Basi Reddy A.; Tangudu N.; Avanija J.	Transformer Network-based Image Segmentation using Hybrid Flower Pollination Optimization	2024	Proceedings of the 18th INDIACom; 2024 11th International Conference on Computing for Sustainable Global Development, INDIACom 2024				931	935	Conference paper
2098	Kavitha T.; Jaswanth J.; Kumar M.M.; Supraja C.; Ashokkumar N.; Yatm N.R.	Design of Auto Encoder based on DNN for MIMO Systems	2024	2024 3rd International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2024						Conference paper
2099	Suneetha P.; Kumar K.; Devi V.L.; Sekhar V.; Reddy A.B.	A Novel Modified Shuffled Frog Leaping Algorithm (MSFLA) MPPT Controller for Photovoltaic Systems	2024	2024 3rd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2024				96	100	Conference paper
2100	Swamy K.C.T.; Rupa Sree Y.T.; Penchalaiah P.; Jugunta S.B.; Pydala B.; Baseer K.K.	Relative Positioning of Autonomous Ground Vehicles Combining Multi-GNSS (GPS-L1, GLONASS-G1 and BDS-B1) Observations	2024	International Journal of Intelligent Systems and Applications in Engineering	12	2s		591	599	Article
2101	Galety M.G.; Claver J.H.; Sriharsha A.V.; Vajjhala N.R.	Preface	2024	Data Analytics and AI for Quantitative Risk Assessment and Financial Computation				xix	xxvi	Editorial
2102	Devaraju T.; Reddy M.P.P.; Vijayakumar Y.N.; Naik R.S.K.	Analyzing the Performance of a Symmetrical Fifteen-Level Inverter with Component Reduction	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
2103	Bharathi M.; Hussain K.; Venkata Veeranjanyulu I.; Bhat S.	Hybrid Energy Storage and Generator Control Monitoring Systems for Renewable Farms and its Applications	2024	International Journal of Intelligent Systems and Applications in Engineering	12	1		332	338	Article
2104	Prasanna B.L.; Reddy M.P.P.; Kumar S.S.; Karthik A.; Devaraju T.; Reddy N.S.	IoT Integrated Intelligent Entry Monitoring System for Covid-19 Detection	2024	Proceedings of the 18th INDIACom; 2024 11th International Conference on Computing for Sustainable Global Development, INDIACom 2024				1243	1248	Conference paper
2105	Jalaja V.; Anjaneyulu G.S.G.N.; Mohan L.N.	Finger print recognition based on biometric cryptosystem	2024	Journal of Integrated Science and Technology	12	3	763			Article
2106	Kumar Raja D.R.; Abas Z.; Eswari V.; Hemanth Kumar G.; Kalpana V.	Integrating RFID Technology with Student Information Systems for Enhanced Management of Attendance and Financial Records	2024	Lecture Notes in Electrical Engineering	1262			125	135	Conference paper
2107	Madhavi T.; Todwal P.; Bhatt D.	Growing a Sustainable Future: Exploring the Benefits and Challenges of Green Entrepreneurship	2024	Communications on Applied Nonlinear Analysis	31	5S		67	78	Article
2108	Sandhyakumari G.; Bharathi M.; Madhurimab V.; Tabassum S.; Neelima K.; Ashok Kumar N.	A Dynamic Cybersecurity Framework for Energy-Efficient Internet of Things	2024	Convergence of Cybersecurity and Cloud Computing				165	189	Book chapter
2109	Tandon R.; Verma A.; Gupta P.K.	5G-LRVN: Latency Reduction Framework for SDVN using Fog Computing	2024	2024 1st International Conference on Advanced Computing and Emerging Technologies, ACET 2024						Conference paper
2110	Muthukaruppasamy S.; Thomas G.A.S.; Gopal J.N.; Parimalasundar E.; Duraipandy P.	Applications of machine learning/deep learning for power grid: Reliability and resilience of smart grid systems	2024	Deep Learning in Engineering, Energy and Finance: Principals and Applications				250	281	Book chapter
2111	Geetha R.; Reddappa B.; Tarakaramu N.; Rushi Kumar B.; Ijaz Khan M.	Effect of Double Stratification on MHD Williamson Boundary Layer Flow and Heat Transfer across a Shrinking/Stretching Sheet Immersed in a Porous Medium	2024	International Journal of Chemical Engineering	2024		9983489			Article
2112	Balram G.; Poornachandrarao N.; Ganesh D.; Nagesh B.; Basi R.A.; Kumar M.S.	Application of Machine Learning Techniques for Heavy Rainfall Prediction using Satellite Data	2024	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024				1081	1087	Conference paper
2113	Khambhammettu G.L.; Geddavalasa V.S.Y.; Sagari J.; Vadapalli S.; Raghavarapu S.M.	Performance and emission characteristics of diesel engines running on nanofuel: an experimental and machine learning prediction study	2024	Emergent Materials						Article
2114	Alsalamy Z.; Satish E.G.; Ponnibala M.; Rajalakshmi J.; Sushama C.	A Denoising Convolutional Auto Encoder with Bi-LSTM for Corrupted ECG Signals Reduction	2024	2nd IEEE International Conference on Data Science and Network Security, ICDSNS 2024						Conference paper
2115	Venkatesh P.; Visali N.	Novel Hybrid Approach for Advancing Power System Security Analysis	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
2116	Manikandan N.; Thejasree P.; Vimal K.E.K.; Sivakumar K.; Kiruthika J.	Applications of Artificial Intelligence Tools in Advanced Manufacturing	2024	Environmental Footprints and Eco-Design of Products and Processes	Part F1427			29	42	Book chapter
2117	Vijayalakshmi K.; Sreedevi E.; Jyotsna P.; Tezaaw Y.; Chitteti C.	Implementation and Evaluation of Ensemble Learning Algorithm for Improved Drug Development	2024	Communications on Applied Nonlinear Analysis	31	6S		452	462	Article
2118	Vijayakumar M.; Ramasamy M.; Jeyakumar T.; Dhivagar S.; Arun V.; Hemalatha R.	Vehicle Accident Detection and Locating Using GSM and GPS	2024	2024 International Conference on Communication, Computing and Internet of Things, IC3IoT 2024 - Proceedings						Conference paper

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2119	Reddy B.R.; Kumar M.S.; Neelima P.; Sushama C.; Sailaja V.N.; Ganesh D.	Medical Image Tampering Detection using Deep Learning	2024	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024				1480	1485	Conference paper
2120	Pavani G.; Reddy P.V.; Ganesh D.; Basi Reddy A.; Pavani A.; Ravichand M.	Implementation of Novel Deep Learning Techniques for MRI-Based Brain Disease Classification and Age Estimation	2024	2024 International Conference on Computational Intelligence for Green and Sustainable Technologies, ICCIGST 2024 - Proceedings						Conference paper
2121	Galety M.G.; Claver J.H.; Sriharsha A.V.; Vajjhala N.R.	Data Analytics and AI for Quantitative Risk Assessment and Financial Computation	2024	Data Analytics and AI for Quantitative Risk Assessment and Financial Computation				1	610	Book
2122	Arun V.; Prabhu S.; Vinod S.; Prakash A.; Kumar T.D.; Phani Vardhan P.B.	Double Boost Switched Capacitor Multi-Level Inverter with Modified pwm Control	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
2123	Kovuri K.; Reddy Madhavi K.; Avanija J.; Balaji V.; Irrigisetty H.; Varna C.P.	Issues, Opportunities, and Limitations on the Convergence of Cybersecurity and Cloud Computing	2024	Convergence of Cybersecurity and Cloud Computing				21	35	Book chapter
2124	Dinesh Kumar K.; Deepthi K.J.; Saravanakumar S.; Balamurugan S.; Govindharaj I.; Reddeppa P.A.	Early Melanoma Detection and Classification Using CNN and Confusion Matrix Analysis	2024	2024 International Conference on System, Computation, Automation and Networking, ICSCAN 2024						Conference paper
2125	Ganesh D.; Sudarsanam P.; Himabindu T.; Babu J.S.; Thrinath B.V.S.; Sai S.R.	Application of Deep Learning Mathematical Approaches for Image Correctness	2024	2nd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2024 - Proceedings				776	781	Conference paper
2126	Jakhongirov I.; Roshan K.; Bamini J.; Silpa G.	Finding the Factors by Integrating the AI Model and Business Analytics Risk Assessment on Firm Organization	2024	2024 2nd International Conference on Disruptive Technologies, ICDT 2024				1074	1080	Conference paper
2127	Rajendran R.K.; Mohana Priya T.; Goundar S.; Reddy Madhavi K.; Avanija J.; Avula B.R.	Zero Trust Architecture in Cloud Security	2024	Convergence of Cybersecurity and Cloud Computing				515	530	Book chapter
2128	Padma C.; Potladurty S.B.; Nalini C.; Suguna T.; Pallavi C.H.	Efficient Approximate Adders for Image Processing Applications	2024	2024 International Conference on Advances in Computing Research on Science Engineering and Technology, ACROSET 2024						Conference paper
2129	Manikandan N.; Thejasree P.; Khan M.A.; Joseph J.; Mangalathu G.S.; Jeyaprakash N.	Integration of hybrid grey based ANFIS tool for enhanced laser beam welding of nickel alloy using computational modelling	2024	International Journal on Interactive Design and Manufacturing						Article
2130	Kalla R.M.N.; Varalakshmi M.; Raju C.; Lee J.	Synthesis of β -phosphonomalonates using a recyclable choline hydroxide catalyst	2024	Synthetic Communications	54	13		1096	1103	Article
2131	Kamatchi Kannan V.; Muniraj C.; Ponmurugan P.; Sai Thrinath B.V.; Jagadeeshraja M.; Rekha P.	Raspberry PI-Based Real-Time Poultry Farm Feeder Tracking and Energy Management System	2024	Proceedings of the 4th International Conference on Ubiquitous Computing and Intelligent Information Systems, ICUIS 2024				1706	1711	Conference paper
2132	Kumar L.K.; Katyayani J.; Venkatesh D.; Sunkara S.; Gowthami K.; Rani C.	Exploring the Opportunities of Fintech Services	2024	Communications on Applied Nonlinear Analysis	31	55		79	90	Article
2133	Tabita G.; Reddy P.U.	Modelling of Harmonic Filter—Improvement of Power Quality Indices Under Non-linear Loads: A Case Study	2024	Lecture Notes in Electrical Engineering	1226	LNEE		127	140	Conference paper
2134	Anjaneyulu B.; Meenakshi Reddy R.; Sai Chaitanya Kishore D.; Tarigonda H.; Borukati S.R.	Prediction of Process Parameters in CNC Milling of Natural Composites	2024	Lecture Notes in Mechanical Engineering				421	430	Conference paper
2135	Kasturi S.B.; Burada S.; Sowmyashree M.S.; Sharath S.; Kumar M.S.; Ganesh D.	An Improved Mathematical Model by Applying Machine Learning Algorithms for Identifying Various Medicinal Plants and Raw Materials	2024	Communications on Applied Nonlinear Analysis	31	65		428	439	Article
2136	Neeraja P.; Kumar R.G.; Kumar M.S.; Liyakat K.K.S.; Vani M.S.	DL-Based Somnolence Detection for Improved Driver Safety and Alertness Monitoring	2024	Proceedings - International Conference on Computing, Power, and Communication Technologies, IC2PCT 2024				589	594	Conference paper
2137	Madhav P.; Anil Kishore B.; Rajesh Kumar V.; Likitha G.R.; Himabindu K.; Ramya Krishna M.L.; Teja M.S.; Sulthana M.S.; Srinivasa B.; Jashika M.	Cross sectional study on adherence and barriers to healthy lifestyle habits in Indian population	2024	Onkologia i Radioterapia	18	6				Article
2138	Thandapandi K.; Supraja C.; Murugan C.; Arulmary A.; Krishnamurthy M.; Ashokkumar N.	Video Transmission Using Wireless Optical Communication in Underwater	2024	5th International Conference on Sustainable Communication Networks and Application, ICSCNA 2024 - Proceedings				61	66	Conference paper
2139	Popescu M.; Zoltan H.; Srinivasulu A.; Doncu R.E.; Ravariu C.	Simulation of Logic Circuits Using Bursting Neuron Models	2024	Proceedings of the International Semiconductor Conference, CAS				195	198	Conference paper
2140	Hemachandra S.; Naresh T.; Navatha S.; Praveena K.; Narayana R.L.	Power Quality Improvement by using UPQC with Soft Computing Techniques	2024	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings				184	189	Conference paper
2141	Natnael Teshale A.; Rafi N.; Monikarchana Y.	v-ideals of Almost Distributive Lattice	2024	Palestine Journal of Mathematics	13	4		1055	1064	Article
2142	Arun V.; Prabhu S.; Vinod S.; Prakash A.; Kumar T.D.; Jahnvi B.	Minimum switch Double Boost switched capacitor inverter with Phase disposition PWM control	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper

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2143	Venkataramanan C.; Dhanasekar S.; Govindaraj V.; Sagayam K.M.; Geetha P.	AI-Infused Blockchain Technology for Thrust Applications	2024	Blockchain and Cryptocurrency: Management Systems and Technology Challenges				145	160	Book chapter
2144	Parthipan V.; Ramesh P.S.; Gururama Senthilvel P.; Dineshkumar R.; Vennila G.	Revolutionizing Healthcare with Wearable Devices and IoT Integration for Personalized Health Management in Next-Generation Health Informatics	2024	IEEE International Conference on Recent Advances in Science and Engineering Technology, ICRASET 2024						Conference paper
2145	Avanija J.; Ramrao N.; Reddy Madhavi K.; Goundar S.; Balaji V.; Hasini A.A.	Integrating Federated Learning for Edge Intelligence in Cybersecurity and Cloud Computing	2024	Convergence of Cybersecurity and Cloud Computing				75	99	Book chapter
2146	Valliammai M.; Bakiya A.; Mohanraj J.; Singh H.K.; Addanki S.; Rishav R.	Deep Neural Network for Predicting Supercontinuum Broadening in Chalcogenide Photonic Quasi crystal Fiber	2024	Proceedings of the International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD				37	38	Conference paper
2147	Prathima C.; Vyakaranam V.C.; Rajendran R.K.; Padmaja N.N.; Bharathi M.; Balaji V.	Applications of the Convergence of Cyber Security and Cloud Computing	2024	Convergence of Cybersecurity and Cloud Computing				37	52	Book chapter
2148	Dhanalakshmi P.; Reddy U.J.; Ravikanth G.; Samathoti P.; Ramu G.	COVID-19 Twitter Data Analysis Using LSTM and BERT Techniques	2024	International Journal of Engineering Trends and Technology	72	1		219	228	Article
2149	Shaik N.; Santa K.S.; Yuvaraj M.S.; Basak A.; Preetham Siddhartha M.	Energy Simulation and Analysis on Residential Buildings using BIM Tools	2024	2024 IEEE 4th International Conference on ICT in Business Industry and Government, ICTBIG 2024						Conference paper
2150	Ravariu C.; Manea E.; Parvulescu C.; Tucureanu V.; Appasani B.; Srinivasulu A.	Preliminary Simulations and Experiments of Enzymatic MOS Biosensors	2024	Proceedings of the International Semiconductor Conference, CAS				301	304	Conference paper
2151	Sivaiah P.; Siva Balaji N.; Lakshmi Narasimhamu K.; Chengal Reddy V.	Comparative analysis and experimental exploration of the milling process in the machining of Inconel 825 material under MQL	2024	Materials and Manufacturing Processes	39	9		1213	1223	Article
2152	Manimaran B.; Mayathevar K.; Kabilamani P.; Nagarajan P.; Ashokkumar N.; Thandapani K.	Solutions to Overcome the Performance Attenuation of a Solar Panel Due to Shadowing	2024	5th International Conference on Sustainable Communication Networks and Application, ICSCNA 2024 - Proceedings				350	353	Conference paper
2153	Kumar B.H.; Janardhan K.; Kumar R.S.; Rahul J.R.; Kumar P.S.	Analysis of PWM Techniques on Multiphase Multilevel Inverter for PV Applications in Microgrids	2024	Microgrids for Commercial Systems				133	156	Book chapter
2154	Pasam M.R.; Longchar I.; Choudhary J.S.; Maiti C.S.; Devi H.S.; Neog P.; Banik S.	Biology, morphometric and integrative taxonomy of litchi fruit borer, Conopomorpha sinensis Bradley, 1986: A major pest of litchi (Litchi chinensis Sonn.)	2024	Animal Biology	74	4		415	433	Article
2155	Reddy Madhavi K.; Sohan Sai P.; Kamineni S.; Patel A.; Kaleru S.; Goundar S.	Benefits and Challenges of Metaverse in Healthcare Industry	2024	Convergence of Cybersecurity and Cloud Computing				285	301	Book chapter
2156	Srinivasulu A.; Supriya D.V.; Reddy C.R.; Reddy C.V.S.; Bhavya C.H.; Sarada M.; Appasani B.; Ravariu C.	Efficient Approximate Adders for Fast Arithmetic in Energy-Saving Applications	2024	Proceedings of the 16th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2024						Conference paper
2157	Koti V.M.; Murthy K.; Suganya M.; Sarma M.S.; Seshu Kumar G.V.S.S.; Balamurugan N.	Speech Emotion Recognition using Extreme Machine Learning	2024	EAI Endorsed Transactions on Internet of Things	10					Article
2158	Jyothsna V.; Sandhya E.; Kamalapuram K.B.; Bhasha P.	AI-Driven Threat Detection in Cloud Environments	2024	Convergence of Cybersecurity and Cloud Computing				261	283	Book chapter
2159	Harathi N.; Pasuluri B.; Sarkar A.; Maurya N.K.	Investigation of Highly Sensitive and Linearly Responsive SAW Based Gas Sensor for Better N2 Detection	2024	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	537			205	215	Conference paper
2160	Kummarikunta K.; Muppagowni G.K.; Patam K.; Pennera M.; Patimeedi U.; Harshith Reddy P.C.	Fraud Detection in Credit Card through the Machine Learning Algorithms	2024	Proceedings - IEEE 2024 1st International Conference on Advances in Computing, Communication and Networking, ICAC2N 2024				706	711	Conference paper
2161	Peter G.; Arun V.; Stonier A.A.; Iderus S.	Level Shifted PODPWM Technique for Quadra Boost Nine Level Inverter	2024	International Conference on Advancements in Power, Communication and Intelligent Systems, APCI 2024						Conference paper
2162	Roopini G.; Nagraj Rao P.P.; Dankan Gowda V.; Ingole B.S.; Pandey S.; Chandra S.H.	AI-Driven IoT Framework for Vehicle Accident Avoidance and Detection with Cloud Integrated Energy Efficient Solutions	2024	2024 1st International Conference on Innovations in Communications, Electrical and Computer Engineering, ICICEC 2024						Conference paper
2163	Peter G.; Arun V.; Stonier A.A.; Iderus S.	9-Level Switched Capacitor Inverter with Level Shifted PWM Technique	2024	International Conference on Advancements in Power, Communication and Intelligent Systems, APCI 2024						Conference paper
2164	Stonier A.A.; Arun V.; Peter G.; Jasmine J.; Vignesh K.E.; Athish B.	Level Shifted PWM Technique for Minimum Component Switched Capacitor Inverter	2024	International Conference on Advancements in Power, Communication and Intelligent Systems, APCI 2024						Conference paper
2165	Pasha M.J.; Vijaya Chandra Rao V.; Bhasha P.; Albert D.W.; Sujatha V.; Baseer K.K.	Applying AWS and the Kafka Framework for Real-Time Weather Data Analysis	2024	International Journal of Intelligent Systems and Applications in Engineering	12	1s		457	465	Article

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2166	Shaik M.B.; Shaik T.B.; Varalakshmi M.; Suban S.S.; Chamarthi N.	Design, Synthesis and Biological Evaluation of 4-Hydroxy-2-Thioxo-4-Trifluoromethyl-Hexahydro-Pyrimidin-5-yl]-p-Tolyl-Methanone Derivatives as Potent Anti-Inflammatory and Antimicrobial Agents	2024	Polycyclic Aromatic Compounds	44	9		6198	6212	Article
2167	Penchalaiah T.; Sekhar P.; Reddy G.R.; Kalyan K.P.; Rajendra R.; Thrinath B.V.S.	Radial Systems Including DGS Distribution Loss Allocation Using PSO Algorithm	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
2168	Srihari G.; Kusuma T.; Chetanraj D.B.; Kumar S.J.P.; Aluvala R.	“Predictive modeling of return volatility in sustainable investments: An in-depth analysis of ARIMA, GARCH, and ARCH techniques”	2024	Investment Management and Financial Innovations	21	1		213	228	Article
2169	Raju R.; Likhitha T.; Naik M.L.; Nihitha T.S.; Sake S.M.	Enhancements and Progress in Industry 5.0: A Strategic Method for Confronting the Limitations of Industry 4.0	2024	Lecture Notes on Multidisciplinary Industrial Engineering	Part F3358			193	199	Book chapter
2170	Mehta H.; Ramrao N.; Sharan P.	A comprehensive review of using optical fibre interferometry for intrusion detection with artificial intelligence techniques	2024	Journal of Optics (India)			e0236331			Article
2171	Thejasree P.; Manikandan N.; Khan M.A.; Joseph J.; Mangalathu G.S.; Jeyaprakash N.	Development of a hybrid ANFIS method for optimising laser beam welding of dissimilar metals: a virtual prototype approach	2024	International Journal on Interactive Design and Manufacturing						Article
2172	Arun V.; Stonier A.A.; Peter G.; Ganji V.	Enhanced Switched Capacitor Nine-Level Inverter (ESC9LI) Featuring Boost Capability and Streamlined Component Configuration	2024	IEEE Access	12			109513	109525	Article
2173	Sudarsanam P.; Yadav C.S.B.; Reddy P.V.; Navatha B.; Sathish S.; Ganesh D.	Customer Segmentation using Mini Batch K-Means Clustering Algorithm	2024	8th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2024 - Proceedings				801	805	Conference paper
2174	Saurabh S.; Gupta P.K.	Detection and Classification of Multiple Sclerosis from Brain MRIs by Using MobileNet 2D-CNN Architecture	2024	Computacion y Sistemas	28	3		1229	1242	Article
2175	Challa G.; Sarada S.; Sarika D.; Kumar N.M.G.; Reddy N.R.; Reddy M.D.	FCS-MPC Based Grid-Tied Self-Balanced Switched Capacitor Reduced Switch Nine Level Inverter	2024	ICCCMLA 2024 - 6th International Conference on Cybernetics, Cognition and Machine Learning Applications				504	509	Conference paper
2176	Nathan S.R.; Manikanta G.; Sonar T.; Baburaj M.	Wire-cut electrical discharge machining of duplex stainless steel: a study	2024	Materials and Manufacturing Processes	39	11		1563	1574	Article
2177	Parimalasundar E.; Sita H.; Kumar D.P.; Srimathy G.; Kumar B.H.; Babu Daram S.	Single-Phase Modular Multilevel Inverter with Controlled DC-Cells for Renewable Energy Applications	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
2178	Dhanalakshmi P.; Prathyusha G.; Balakrishna N.; Balaji V.; Avanija J.; Goundar S.	Taxonomy of Cyber Security and Cloud Computing	2024	Convergence of Cybersecurity and Cloud Computing				1	19	Book chapter
2179	Seejal S.; Kumar H.; Taluja A.; Gandotra E.; Gupta P.K.	Arduino-Powered Sonar Radar MOKSH: Design, Implementation, and Applications	2024	2024 1st International Conference on Advanced Computing and Emerging Technologies, ACET 2024						Conference paper
2180	Avanija J.; Venkatesh S.; Sireesha M.; Kiran A.U.; okali R.; Reddy Madhavi K.; Patel A.	SqueezeNet-Based Model for Subject Identification from Off-Angle Iris Image	2024	Lecture Notes in Networks and Systems	898			135	141	Conference paper
2181	Kumar L.K.; Venkatesh D.; Katyayani J.; Sunkara S.; Gowthami K.	A Study on Customer Segmentation for Banking Sector Through Cluster Analysis: Ethical Implications	2024	Communications on Applied Nonlinear Analysis	31	5S		57	66	Article
2182	Sivakumar K.; Dhyankumar C.T.; Cherian T.M.; Manikandan N.; Thejasree P.	Requirements for the Adoption of Industry 4.0 in the Sustainable Manufacturing Supply Chain	2024	Environmental Footprints and Eco-Design of Products and Processes	Part F1427			185	201	Book chapter
2183	Mittal S.; Suntheya A.K.; Anbunathan R.; Ashokkumar N.	A novel method of fully homomorphic encryption scheme	2024	International Journal of Computing Science and Mathematics	20	3		228	242	Article
2184	Chakradhar K.S.; Neelima K.; Satyam; Bhambri P.	Case Studies in Successful Digital Sustainability Ventures	2024	Digital Sustainability: Navigating Entrepreneurship in the Information Age				282	291	Book chapter
2185	Rana K.S.; Rafee S.M.; Rajesh K.; Nagendranth M.V.S.S.; Venkatakrishnamoorthy T.; Dharani M.	Arduino Based Automatic Waste Segregation and Composite System	2024	International Review of Electrical Engineering	19	1		71	78	Article
2186	Baby Maruthi P.; Bhattacharjee B.; Soubhagyalakshmi P.	Maximizing Portfolio Returns in Stock Market Using Deep Reinforcement Techniques	2024	Lecture Notes in Networks and Systems	1121 LNNS			149	160	Conference paper
2187	Rao J.C.S.; Medasani S.; Nandanavanam V.R.; Bhuma C.; Addepalli T.; Devireddy S.R.; Satyanarayana V.	A NOVEL MINIATURED U-SHAPED MIMO ANTENNA FOR 5G N257/N258 AND N262 BAND APPLICATIONS	2024	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	83	9		87	98	Article
2188	Hemachandra S.; Naresh T.; Praveena K.; Silpa M.; Haleema K.	Electrical Load Forecasting by using CANFIS Controller with Gaussian Function	2024	2024 Asian Conference on Intelligent Technologies, ACOIT 2024						Conference paper

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2189	Aggarwal K.; Selvi D.M.K.; Rayabharapu V.K.; Chakradhar K.S.	Machine Learning Models are Used to Analyze the Effectiveness of Daily Residential Area Energy Consumption	2024	Sustainable Smart Homes and Buildings with Internet of Things				221	233	Book chapter
2190	Muddangala N.B.; Kakumani L.; Parayitam S.	The Moderating Effects of Gender and Age in the Relationship Between Job Insecurity and Turnover Intention During the Global Pandemic	2024	South Asian Journal of Human Resources Management						Article
2191	Davanam G.; Avanija J.; Reddy Madhavi K.; Dhanalakshmi P.; Balaji V.; Satya Sree K.P.N.V.	Improved Security in Mobile Cloud Computing Using Modern Cryptographic Approaches	2024	Convergence of Cybersecurity and Cloud Computing				437	455	Book chapter
2192	Pallamala R.K.; Rodrigues P.; Jyothi Babu A.; Ravindraiah R.	Enhancing IoT Data Quality Validation in Medical Field through Big Data Analytics	2024	Internet of Things and Big Data Analytics for a Green Environment				23	38	Book chapter
2193	Nataraj D.; Rao K.C.; Chakradhar K.S.; Ujwala G.V.; Rao B.S.; Raman Y.S.V.	A Wide Band Antenna for both S-Band and C-Band Satellite Communication Applications	2024	Journal of Communications	19	1		28	36	Article
2194	Novaliendry D.; Farooq M.; Sivakumar K.K.; Parida P.K.; Supriya B.Y.	Medical Internet-of-Things Based Breast Cancer Diagnosis Using Hyper Parameter-Optimized Neural Networks	2024	International Journal of Intelligent Systems and Applications in Engineering	12	10s		65	71	Article
2195	Rajeshwari R.; Gireesh N.; Pooja E.; Soundharya K.; Nanammal V.	INCL: A Robust Design of Artificial Intelligence Assisted Learning based Cardiovascular Disease Detection using Improved Neural Classification Logic	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
2196	Madhurima V.; Bharathi M.; Gundala S.; Basha M.M.; Poornima M.; Kumari G.S.	Novel Method for Bone Cancer Detection using Segmentation and Classification with CNN	2024	5th International Conference on Electronics and Sustainable Communication Systems, ICESC 2024 - Proceedings				1693	1697	Conference paper
2197	Devi B.R.; Sivaji U.; Swetha T.; Avanija J.; Suresh A.; Madhavi K.R.	Advanced Cardiovascular Disease Prediction: A Comparative Analysis of Ensemble Stacking and Deep Neural Networks	2024	International Journal of Intelligent Systems and Applications in Engineering	12	6		46	55	Article
2198	Maruthi P.B.; Yamuna R.; Kumar R.P.; Nair R.R.	Next Generation Sequencing Data Platform Optimization Framework	2024	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	2			6056	6062	Conference paper
2199	Anitha C.; Mahaveerakannan R.; Duraisamy B.; Karpagavalli K.	Innovative MPTSSNet with Modified Dung Beetle Algorithm for Superior Remote Sensing Performance on UC-Merced and SIRI-WHU Datasets	2024	2024 Asian Conference on Intelligent Technologies, ACOIT 2024						Conference paper
2200	Sreedhar B.; Gowtham P.T.V.S.; MacHerla S.; Raghuram K.S.; Sunil Kumar M.	Moving Vehicle Registration Plate Detection Using Machine Learning	2024	TQCEBT 2024 - 2nd IEEE International Conference on Trends in Quantum Computing and Emerging Business Technologies 2024						Conference paper
2201	Nagarajan P.; Chandra I.; Ashokkumar N.; Thiruvani M.; Johnvictor A.C.; Bhairavi R.	Digital CMOS VLSI Implementation and Assessment of Power Efficient Delay Flip-Flop Using Dynamic CMOS Logic for Low Power VLSI Systems	2024	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024				319	324	Conference paper
2202	Rana Veer Samara Sihman Bharattej R.; Alabdeli H.; Shashidhara K.S.; Mumjitha M.; Praveena H.D.	Predicting and Managing Medication Adherence Using Random Forest with Light Gradient Boosting Method and Mobile Health Data	2024	4th IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2024						Conference paper
2203	Kabilamani P.; Manimaran B.; Mayathevar K.; Ashokkumar N.; Thandapani K.; Nagarajan P.	Performance Analysis of PAPR Reduction Techniques for Filter Bank Multicarrier	2024	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024				1863	1867	Conference paper
2204	Satishkumar D.; Gatla R.K.; Shameem; Kumar N.M.G.; Naga Malleswara Rao D.S.	Optimized Thermal Control of EV Battery Systems with Fuzzy Logic and PSO on Arduino Uno	2024	2024 3rd International Conference for Advancement in Technology, ICONAT 2024						Conference paper
2205	Gudivaka R.L.; Alabdeli H.; Sunil Kumar V.; Sushama C.; Muthu B.	IoT - based Weighted K-means Clustering with Decision Tree for Sedentary Behavior Analysis in Smart Healthcare Industry	2024	2nd IEEE International Conference on Data Science and Information System, ICDSIS 2024						Conference paper
2206	Kumar A.K.; Sankar R.; Charulatha R.T.; Sheela Shantha Kumari P.K.; Krishnamoorthy N.V.	Intelligent Fabrication of IoT Assisted Smart Voice based Wheelchair Controlling System for Physically Challenged People	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
2207	Kiran J.S.; Sunitha G.; Sireesha M.; Mahender U.; Madhavi K.R.; Rudra S.; Kumar V.N.	CRNN-Based Eye Behavior Analysis for Drowsiness Detection	2024	Lecture Notes in Networks and Systems	897			391	399	Conference paper
2208	Farook S.; Thrinath B.V.S.; Muthukaruppasamy S.; Ponmurugan P.; Kannan V.K.; Chand J.V.P.	An Grid-Integrated Electric Vehicles with Hybrid Energy Storage for Optimal Power Management	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper

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2209	Rana Veer Samara Sihman Bharattej R.; Rupavath R.V.S.S.B.; Ramadan G.M.; Khanam P.K.; Sharma N.	Automated Online Examination System using Hybrid Particle Swarm Optimization and Grey Wolf Optimization Algorithm	2024	2nd IEEE International Conference on Networks, Multimedia and Information Technology, NMITCON 2024						Conference paper
2210	Prathima C.; Swathi R.; Sakthivel M.; Suneetha I.; Nandam A.D.; Depuru S.	Construction of 3D Human Model from 2D Image using PyTorch and Blender	2024	Communications on Applied Nonlinear Analysis	31	6s		477	488	Article
2211	Balamanikandan A.; Saravanakumar M.; Gunasekaran S.; Anjum V.; Gurusamy P.; Ashokkumar N.	Deep Learning in the Detection of Chronic Kidney Disease	2024	2024 4th International Conference on Intelligent Technologies, CONIT 2024						Conference paper
2212	Purushotham P.; Srividya G.; Chitty A.; Kurakula A.K.; Silparaj M.; Kiran A.	Detection of Criminal Activity using Deep Learning	2024	Proceedings of 2024 International Conference on Science, Technology, Engineering and Management, ICSTEM 2024						Conference paper
2213	Venkataramanan C.; Dhanasekar S.; Govindaraj V.; Sagayam K.M.; Geetha P.	AI-Infused Blockchain Technology for Thrust Applications	2024	Blockchain and Cryptocurrency: Management Systems and Technology Challenges				145	160	Book chapter
2214	Iderus S.; Peter G.; Arun V.; Vanaja D.S.; Vignesh K.E.; Stonier A.A.	Performance Evolution of Switched Capacitor Boost Nine Level Inverter with Variable Frequency APOD Technique	2024	International Conference on E-Mobility, Power Control and Smart Systems: Futuristic Technologies for Sustainable Solutions, ICEMPS 2024						Conference paper
2215	Ebenezar U.S.; Jenila; Vennila G.; Balakrishnan T.S.; Krishnan P.	Optimizing Healthcare Delivery through CloudBased Clinical Decision Support Systems	2024	2024 OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 4.0, OTCON 2024						Conference paper
2216	Rao K.C.; Nataraj D.; Chakradhar K.S.; Ujwala G.V.; Dadi H.S.; Naidu M.L.	Design of a Solid S-Band Satellite Antenna for Both Transmitting and Receiving Purposes	2024	International Journal on Communications Antenna and Propagation	14	4		251	259	Article
2217	Narayana P.; Keerthi K.; Adnan M.M.; Madhura G.K.; Ghamya K.	An Optimized Deep Learning for Efficient Defect Inspection in Smart Industry with Fog Computing	2024	2nd IEEE International Conference on Data Science and Information System, ICDSIS 2024						Conference paper
2218	Karthik M.V.; Reddy M.P.P.; Sriram C.; Manidhar T.; Rao G.M.; Devaraju T.	Control Strategy for Harmonic Compensation of Three Phase Four Wire UPQC with Conventional and AI Controllers	2024	Proceedings - 2024 2nd International Conference on Smart Technologies for Power and Renewable Energy, SPECon 2024						Conference paper
2219	Boddu Y.; Manimaran A.; Arunkumar B.; Sucharitha M.; Suresh Babu J.	Advanced Air Quality Forecasting Using an Enhanced Temporal Attention-Driven Graph Convolutional Long Short-Term Memory Model With Seasonal-Trend Decomposition	2024	IEEE Access	12			189233	189252	Article
2220	Hima Bindu G.B.; Valluru D.; Vachhani H.; Sunil Kumar M.; Ganesh D.; Neelima P.	Comparison of Novel Machine Learning Algorithms for Predicting Chronic Renal Disease	2024	2024 International Conference on Computational Intelligence for Green and Sustainable Technologies, ICCIGST 2024 - Proceedings						Conference paper
2221	Babu P.; Habelalmateen M.I.; Srikanteswara R.; Reddy R.A.; Purushotham N.	Wafer Surface Semiconductor Defect Classification Using Convolution Neural Network Based Improved Faster R-CNN	2024	2nd IEEE International Conference on Data Science and Information System, ICDSIS 2024						Conference paper
2222	Mary Madhuri K.; Latha M.; Maheswara Rao P.; Venkataramana C.; Sai Thrinath B.V.; Bi S.R.	A Novel Open-Circuit Fault-Tolerant MMC with Multi-carrier PWM Techniques for Solar PV Applications	2024	International Journal of Electrical and Electronics Research	12	3		762	768	Article
2223	Dinesh Kumar K.; Vennila G.; Manoj Kumar D.S.; Jasmine J.J.; Govindharaj I.; Balamurugan S.	Enhancing Food Supply Chain Transparency and Agricultural Practices through Blockchain Technology	2024	2024 5th IEEE Global Conference for Advancement in Technology, GCAT 2024						Conference paper
2224	Dankan Gowda V.; Sharma A.; Suneel S.; Veeramanikandan P.; Anil Kumar N.	Design and Implementation of an IoT-Based Control System for Precision Food Manufacturing	2024	Lecture Notes in Networks and Systems	1007 LNNS			333	343	Conference paper
2225	Farook S.; Thrinath B.V.S.; Nagalingachary K.; Boyinasetty V.B.; Jayakumar S.; Kumar B.A.	Advanced Power Quality in Hybrid PV-Wind Systems with TSK Fuzzy Control	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
2226	Padmavathi B.V.V.; Ganesh D.; Sunil Kumar M.; Kiran Kumar M.; Talasila V.; Neelambaram B.	Implementation of Speech Processing Techniques for Human Emotion Recognition	2024	2024 International Conference on Computational Intelligence for Green and Sustainable Technologies, ICCIGST 2024 - Proceedings						Conference paper
2227	Sathesh Abraham Leo E.; Rajalakshmi R.; Kavitha T.; Prathima C.; Anitha G.	Novel Methodology to Predict and Classify Liver Diseases Based on Hybrid Deep Learning Strategy	2024	Deep Learning in Biomedical Signal and Medical Imaging				129	149	Book chapter
2228	Neelima K.; Kavya C.H.; Padma C.; Suguna T.	Post-Pandemic Economy - Shocks, Risks and Suggestive Measures	2024	Economic Uncertainty in the Post-Pandemic Era: Policy Responses and the Way Forward				187	197	Book chapter
2229	Neelambaram B.; Kumar M.S.; Ganesh D.; Raghuram A.V.; Shyamsundar M.; Uppu T.P.	Analysis and Prediction of Crime Hotspots Using Machine Learning with Stacked Generalization Approach	2024	2024 International Conference on Computational Intelligence for Green and Sustainable Technologies, ICCIGST 2024 - Proceedings						Conference paper

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2230	Bharathi M.; Madhurima V.; Sandhyakumari G.; Poornima M.; Tabassum S.	A Comparative Analysis of 8-Bit Parallel Prefix Adder Architectures	2024	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024				202	207	Conference paper
2231	Balaji P.; Cavaliere L.P.L.; Nagarjuna B.; Babu S.R.; Kavitha M.; Singh B.	Leveraging Blockchain for Improved Supply Chain Management and Traceability in Industry 4.0	2024	Robotics and Automation in Industry 4.0: Smart Industries and Intelligent Technologies	01-Feb			325	336	Book chapter
2232	Kabilamani P.; Porkodi K.P.; Kanmani Pappa C.; Nagarajan P.; Ashokkumar N.; Venkataramanan C.	Novel Framework Design of MIMO Antenna for 5G Applications	2024	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024				741	745	Conference paper
2233	Sasikala R.; Deepthi K.J.; Balakrishnan T.S.; Krishnan P.; Ebenezar U.S.	Machine Learning-Enhanced Analysis of Genomic Data for Precision Medicine	2024	2024 OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 4.0, OTCON 2024						Conference paper
2234	Girirajan B.; Naick B.R.; Al-Jawahry H.M.; Revanasiddappa; Rana Veer Samara Sihman Bharattej R.	A Management of Food Supply Chain in Sustainable Smart Cities using Fire Hawk Optimization	2024	2nd IEEE International Conference on Data Science and Information System, ICDSIS 2024						Conference paper
2235	Gandhimathi S.K.; Rajesh S.M.; Ghamya K.; Lohitha A.L.; Vinitha A.; Reddy C.S.P.	Machine Learning Mastery in Cardiovascular Risk Assessment	2024	Proceedings - IEEE 2024 1st International Conference on Advances in Computing, Communication and Networking, ICAC2N 2024				700	705	Conference paper
2236	Kaur M.; Gowda D.V.; Prasad K.D.V.; Ashreetha B.; Eswar K.T.; Sandeep G.	A Comprehensive AI-ML Study on Enhanced Classification of Benign and Malignant Cells in Brain MRI	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
2237	Thejasree P.; Manikandan N.; Vimal K.E.K.; Sivakumar K.; Krishnamachary P.C.	Applications of Machine Learning in Supply Chain Management—A Review	2024	Environmental Footprints and Eco-Design of Products and Processes	Part F1487			73	82	Book chapter
2238	Rao M.N.; Reddy L.V.; Ganesh D.; Reddy L.U.; Mohana R.M.	Usage of Computer Aided Methods for Detection and Evaluation of Breast Cancer in Mammograms	2024	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024				1884	1889	Conference paper
2239	Choudhary R.K.; Beeraka S.; Sarkar B.K.; Dharmamoorthy G.; Devhare L.	Optimizing Verapamil Hydrochloride In-situ Delivery: A Strategic Formulation Approach using Box-Behnken Design for Enhanced Performance and Comprehensive Evaluation of Formulation Parameters	2024	International Journal of Drug Delivery Technology	14	1		61	70	Article
2240	Deepthi K.J.; Balakrishnan T.S.; Krishnan P.; Ebenezar U.S.; Nageshwari	Optimized Data Storage Algorithm of IoT Based on Cloud Computing in Distributed System	2024	2024 OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 4.0, OTCON 2024						Conference paper
2241	Hubert Mary L.; Titus A.; Priscilla M.; Sailaja K.; Hajira Be A.B.	An Improved Hybrid Deep Learning Strategy to Predict Digital Image Forgery using Artificial Intelligence Principle	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
2242	Dhanalakshmi P.; Muni Lavanya B.; Balakrishna N.; Penchalaiah N.; Vijaya Lakshmi G.	Deep Learning for Sentiment Analysis in Social Media: Current Challenges and Future Avenues	2024	Lecture Notes in Electrical Engineering	1261 LNEE			145	158	Conference paper
2243	Venkataramanan C.; Nagarajan P.; Ashok Kumar N.; Porkodi K.P.; Kanmani Pappa C.; Kabilamani A.	Design of Microstrip Patch Antenna with S-Slits for Wireless Applications	2024	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024				100	104	Conference paper
2244	Thirumagal P.G.; Das T.; Das S.; Vinit Sikka C.S.; Amit Kumar C.S.; Kusuma T.	IoT-Driven Credit Scoring Models: Improving Loan Decision Making in Banking	2024	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024 - Proceedings				193	197	Conference paper
2245	Peter G.; Arun V.; Stonier A.A.; Praghash K.; Jency Rubia J.; Iderus S.	Nine Level Quadra Boost Inverter with Modified Level Shifted Pulse Width Modulation Technique	2024	2024 4th International Conference on Intelligent Technologies, CONIT 2024						Conference paper
2246	Anitha C.; Srinivasulu Raju S.; Mahaveerakannan R.; Rajasekaran A.; Pathak N.	White Blood Cells Classification Using MBOA-Based MobileNet and Coupling Pre-trained Models with IFPOA	2024	Lecture Notes in Networks and Systems	1020 LNNS			573	588	Conference paper
2247	Ramachandran R.; Chinnammal V.; Malathy K.; Sailaja K.; Shanmugam S.	An Improved Drug Recommendation System Using Artificial Intelligence Assisted Learning Methodology	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
2248	Chanti Y.; Shnain A.H.; Banoth R.; Rupavath R.V.S.S.B.; Sushama C.	Human Activity Recognition Using Improved Cat Swarm Optimization Algorithm and Convolutional Neural Network	2024	2nd IEEE International Conference on Networks, Multimedia and Information Technology, NMITCON 2024						Conference paper
2249	Hemachandran V.C.; Kumar K.A.; Sikandar S.A.; Sabharwal S.; Kumar S.A.	A study on the impact of artificial intelligence on talent sourcing	2024	IAES International Journal of Artificial Intelligence	13	1		1	8	Article
2250	Sireesha M.; Sunitha G.; Prasanna Babu J.; Yelisetti U.M.; Tarannum B.; Reddy Madhavi K.; Goundar S.	Brain Tumor Detection and Segmentation Using Deep Learning Models with Dual Attention Mechanism	2024	Lecture Notes in Networks and Systems	898			143	151	Conference paper

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2251	Ravariu C.; Dima G.; Sarada M.; Srinivasulu A.; Appasani B.	Identifying the Most Mobile Content Sections Within a Course of Biosensors from the Last Decades	2024	Lecture Notes in Networks and Systems	937 LNNS			126	133	Conference paper
2252	Indrani D.; Alagesan J.; Suganthirababu P.; Subramanian S.S.; Shaik R.; Suthadevan S.; Nagaraju D.	Effect of Different Plank Positions on Enhancing Abdominal Strength and Stability in Women Undergoing Lower-Segment Cesarean Section	2024	Health Education and Health Promotion	12	3		547	552	Article
2253	Reddy P.; Shreyas C.; Bhargavi P.; Raja G.V.; Rani D.L.; Maheswari S.	Machine Learning for Signal Processing in Communication Systems	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
2254	Krishnan G.H.; Sudhakar T.; Santhosh S.; Mohandass G.	Development of a Non-Invasive Jaundice Meter Using Transcutaneous Bilirubinometry	2024	Biomedical and Pharmacology Journal	17	1		97	103	Article
2255	Millerjothi N.K.; Gebreslassie M.G.; Nithyanandhan T.; Sachuthananthan B.	Assessment of Detailed Energy Conservation Potentials: The Case of the Ethiopian Leather Industry	2024	Pertanika Journal of Science and Technology	32	Sp1		33	54	Article
2256	Ashreetha B.; Srinivasa Kumar S.V.S.S.; Srinivas J.S.; Prasad K.D.V.; Shekhar R.; Gowda D.V.	Accurate Neoplasm Diagnosis with Comprehensive Machine Learning and Deep Learning Approaches	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
2257	Balamanikandan A.; Venkataramana N.; Kudithi T.; Prabha A.S.; Venkatachalam K.; Ashokkumar N.	Secured Electronic Voting Using Ethereum Blockchain Technology	2024	2024 2nd World Conference on Communication and Computing, WCONF 2024						Conference paper
2258	Valisireddy J.; Balakrishna S.; Mohan L.N.; Amaranadha Reddy K.; Jangiti D.; Rajasekhar G.G.	Integration of a Conjugacy over Non-Commutative Ring in Digital Signature Mechanism	2024	2024 International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2024				481	485	Conference paper
2259	Vijaya Vardan Reddy S.P.; Kishore V.V.; Diwakaran S.; Sujatha V.; Jayakumar T.	A Robust Design of Fault Nodes Identification and Recovery Model Over Wireless Sensor Network	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024						Conference paper
2260	Murugan R.D.; Sivakumar N.; Tarakaramu N.; Sarhan N.; Awwad E.M.	Mixed convection hybrid nanofluid flow over a rotating cone in a rotating fluid environment with interfacial nanolayer effect	2024	Numerical Heat Transfer, Part B: Fundamentals						Article
2261	Sonia R.; Rubesh Kumar T.; Naresh G.; Devi S.D.; Juliet N.	Empowering Safety: Designing of an IoT based Women Protective System using Artificial Intelligence enabled Smart Sensors	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
2262	Rajasekar P.; Tiwari P.P.; Sharmila L.; Garg A.; Srinivas R.; Tallapragada V.V.S.	Enhanced Condition Monitoring of Low Voltage Motors in Harsh Environments with Ladybug Beetle Optimization and Context-Aware Graph Convolutional Networks	2024	4th International Conference on Sustainable Expert Systems, ICSES 2024 - Proceedings				1006	1012	Conference paper
2263	Uppada S.; Yanda S.; Kandi K.K.; Prakash P.; Janaki D.V.	Effect of Accumulative Roll Bonding on Microstructure and Mechanical Behavior of Al6061	2024	Journal of The Institution of Engineers (India): Series D						Article
2264	Parimalasundar E.; Jayakumar S.; Sita H.; Muthukaruppasamy S.; Suresh K.; Kumar B.H.	Analyzing Dual-Stage Inverter Performance for Solar Grid Integration	2024	Proceedings of International Conference on Circuit Power and Computing Technologies, ICCPCT 2024				669	674	Conference paper
2265	Bharathi M.; Sandhyakumari G.; Madhurima V.; Tabassum S.; Ashok Kumar N.; Neelima K.	Protecting Your Digital Life From Cyber Threats and Vulnerabilities	2024	Convergence of Cybersecurity and Cloud Computing				457	471	Book chapter
2266	Nandha G.J.; Muthukaruppasamy S.; Rajagopal V.; Thomas G.A.S.; Parimalarsundar E.	Artificial Intelligence Governance and Comprehensibility in Renewable Energy Systems	2024	Explainable AI (XAI) for Sustainable Development: Trends and Applications				73	88	Book chapter
2267	Balamanikandan A.; Sukanya M.; Dhanalakshmi M.; Vimala M.; Arul N.; Yatm N.R.	Deep Learning-Based Assessment of ILD Designs in HRCT Pictures	2024	2nd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2024 - Proceedings				738	741	Conference paper
2268	Iderus S.; Peter G.; Arun V.; Vanaja D.S.; Gayathri A.R.; Stonier A.A.	Ferranti Effect on a pi model of an Overhead Transmission Line - A detailed Analysis	2024	International Conference on E-Mobility, Power Control and Smart Systems: Futuristic Technologies for Sustainable Solutions, ICEMPS 2024						Conference paper
2269	Anuradha D.; Kuchipudi R.; Ashreetha B.; Ramesh J.V.N.; Rami A.	Enhancing Agricultural Yield Forecasting with Deep Convolutional Generative Adversarial Networks and Satellite Data	2024	International Journal of Advanced Computer Science and Applications	15	2		661	674	Article
2270	Budati A.K.; Islam S.; Rafee S.M.; Chitteti C.; Narayana T.L.	SECURITY ENABLED NEW TERM WEIGHT MEASURE TECHNIQUE WITH DATA DRIVEN FOR NEXT GENERATION MOBILE COMPUTING NETWORKS	2024	Scalable Computing	25	2		1191	1198	Article
2271	Singh J.; Kaliyar R.K.; Kumari R.; Sharma N.; Manjunath S.; Prasad P.D.	Advancements in Early Detection of Cervical Cancer using Machine Learning and Deep Learning Models for Cervicography Analysis	2024	Proceedings - 2024 International Conference on Emerging Innovations and Advanced Computing, INNOCOMP 2024				252	256	Conference paper
2272	Sundararaman P.; Kavin R.; Nandagopal V.; Sivakamasundari N.	Real Power Losses Reduced by Network Reconfiguration the Distribution Systems using Modified BAT Algorithm	2024	International Journal of Electrical and Electronics Research	12	3		881	888	Article

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2273	Sampath Kini K.; Pushpakumar R.; Senthamil Selvan R.; Praveenkumar G.D.; Basi Reddy A.	Evaluation and Implementation of Optimal Classification Algorithms for Credit Card Fraud Detection	2024	2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024						Conference paper
2274	Vemanaboina H.; Padamurthy A.; Gandla P.K.; Muppa L.R.; Lakshmi Kala K.	Microstructure, wear and residual stresses of selective laser melting AISi10Mg solid cylinder	2024	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering						Article
2275	Saritha K.; Devi B.M.; Valisammagari K.; Ganesh D.	Detection and Classification of Retinal Fundus in Diabetic Retinopathy using Modern Artificial Intelligence and Machine Learning Approaches	2024	8th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2024 - Proceedings				1461	1466	Conference paper
2276	Thejasree P.; Manikandan N.; Prabha N.R.; Khan M.A.; Jeyaprakash N.	Optimisation of HIPS material in fusion deposition modelling using the Taguchi-Grey approach	2024	International Journal on Interactive Design and Manufacturing						Article
2277	Manasa R.; Balaji A.; Maria Rubiston M.; Kavitha S.; Lavanya V.; Kumar A.K.	An Image Oriented AI Methodology to Detect Animal Footprints Based on Enhanced Neural Optimization and Classification Scheme	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
2278	Vijayakumar M.; Selvaraj S.; Thenmalar K.; Ramesh S.; Raja A.; Arun V.	Double Voltage Gain Switched Capacitor Inverter with APOD PWM Technique	2024	2024 1st International Conference for Women in Computing, InCoWoCo 2024 - Proceedings						Conference paper
2279	Priyaradhikadevi T.; Vijayakumari P.; Balaji M.; Chinnammal V.; Vijay S.	Revolutioning WSN: Experimental Design of an Energy Efficient Communication Protocol Using Improved BEE Colony Clustering Model	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
2280	Gunasekar S.; Kumar G.J.R.; Agbulu G.P.; Kumar Y.D.	A Practical IoT-Based PM2.5 Air Contaminant Tracking Mechanism with Suitable Machine Learning Support	2024	Lecture Notes in Electrical Engineering	1140	LNEE		111	119	Conference paper
2281	Ashreetha B.; Sumanth U.; Reddy L.N.K.; Prasad K.D.V.; Srinivas K.N.V.; Gowda D.V.	Precision Medicine in Oncology - Leveraging Machine Learning for Accurate Neoplasm Diagnosis	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
2282	Kalaierasi K.; Anitha N.; Swathi S.; Ranjitha B.	Optimization of Neutrosophic Vendor-Buyer Economic Order Quantity Model Using Particle Swarm Optimization	2024	International Journal of Neutrosophic Science	23	4		181	193	Article
2283	Babu R.V.; Rafi N.; Rao R.S.; Monikarchana Y.; Shaw S.M.	D-DIVISIBILITY OF ALMOST DISTRIBUTIVE LATTICES	2024	Asia Pacific Journal of Mathematics	11		24			Article
2284	Aarthi E.; Daniel J.D.; Suba G.M.; Dharani N.P.; Devi C.P.	A Naive Bayes Approach for Improving Heart Disease Detection on Healthcare Monitoring through IoT and WSN	2024	International Journal of Intelligent Systems and Applications in Engineering	12	2s		553	570	Article
2285	Balamanikandan A.; Jalendiran J.; Sherin T.S.; Velayudham S.; Reddy S.K.; Jagadeesh C.	Hand gesture to speech Empowering Communication for the Speech Impaired	2024	2024 3rd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2024				53	56	Conference paper
2286	Kaushal R.K.; Pagidimalla P.R.P.; Nalini C.; Kumar D.	Predicting and Propagation of Diabetic Foot Infection by Deep Learning Model	2024	EAI Endorsed Transactions on Pervasive Health and Technology	10					Article
2287	Bhuvaneswari J.; Gireesh N.; Srimathy G.; Nandigam S.; Nanammal V.	A Novel Deep Learning based IoT Enabled Computerized Vehicle Number Plate Recognition System using OCR Principles	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
2288	Bharathi M.; Tabassum S.; Madhurima V.; Sandhya Kumari G.; Sunitha G.; Tangudu N.	Essential Concepts and Strategies for Effective Cybersecurity Defense	2024	Convergence of Cybersecurity and Cloud Computing				403	418	Book chapter
2289	Ramesh P.S.; Mathu Sudhanan S.R.; Dineshkumar R.; Manigandan K.; Parthipan V.	Advancing Edge Computing Paradigms with Novel Architectures and Algorithms for Real-Time Processing	2024	2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024						Conference paper
2290	Krishnan P.; Ebenezar U.S.; Ranitha R.; Purushotham N.; Balakrishnan T.S.	AI-Driven Intelligent IoT Systems for Real-Time Food Quality Monitoring and Analysis	2024	TQCEBT 2024 - 2nd IEEE International Conference on Trends in Quantum Computing and Emerging Business Technologies 2024						Conference paper
2291	Sunil T.P.; Selvan R.S.; Lukose W.; Soumya K.; Basi Reddy A.	Adoption and Acceptance of Telehealth Technologies in Mental Health Services during COVID-19	2024	2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024						Conference paper
2292	Mahaveerakannan R.; Anitha C.; Murali Dhar M.S.	Abuse Detection of Cyberbullying in Tweets Data using Ensemble DL Model with Advanced Voting Mechanisms	2024	2024 2nd World Conference on Communication and Computing, WCONF 2024						Conference paper
2293	Pavani G.; Ganesh D.; Ramana P.V.; Jagadeeshwar Reddy V.; Ubbala V.; Reena T.	Application of Multi Linear Regression Model for Predicting Heavy Rainfall	2024	Proceeding of 2024 International Conference on Communication, Computing and Energy Efficient Technologies, I3CEET 2024				273	278	Conference paper
2294	Ranga J.; Ananda Kumar A.; Devaraju T.; Venkata Kishore P.; Vijaya Bhaskar Reddy K.; Madhusudhana Rao G.	Design of an Interline Power Flow Controller Using Advanced Simulation Tools	2024	Lecture Notes in Electrical Engineering	1096			233	241	Conference paper

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2295	Vaddempudi K.R.; Kumar C.R.; Suresh M.; Ganesh C.; Kumar Y.; Praveena K.	A Robust Design of Intelligent Healthcare Monitoring and Alert Mechanism using Internet of Things with Learning Assistance	2024	4th International Conference on Power, Energy, Control and Transmission Systems: Harnessing Power and Energy for an Affordable Electrification of India, ICPECTS 2024						Conference paper
2296	Naga R.M.; Jayachandran T.; Alzubaidi L.H.; Mazumder D.; Praveena H.D.	Residual Network Based Bidirectional Gated Recurrent Unit for Speech Recognition Using Speech Signals	2024	International Conference on Distributed Computing and Optimization Techniques, ICDCOT 2024						Conference paper
2297	Nagarajan P.; Ashokkumar N.; Thandapani K.; Manimaran B.; Krishnamurthy M.; Kabilamani P.	CMOS VLSI Implementation of Implicit Pulsed Dual Edge Triggered Flip Flop using Pass Transistor Logic for Power Efficient Applications	2024	Proceedings - 2024 4th International Conference on Pervasive Computing and Social Networking, ICPCSN 2024				1019	1023	Conference paper
2298	Ryali N.; Manne N.; Ravisankar A.; Tripathi M.A.; Tripathi R.; Naresh M.V.	Stage by stage E- Ecommerce market database analysis by using machine learning models	2024	EAI Endorsed Transactions on Internet of Things	10					Article
2299	Rajakala J.; Gupta S.; Naidu P.M.; Basi Reddy A.; Revathi S.; Selvan R.S.	Machine Learning-Based Lifespan Prediction Modelling for Electric Submersible Pumps in Oil Wells	2024	2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024						Conference paper
2300	Babavali S.K.F.; Kavitha K.; Christal Mary S.S.; Khan S.A.; Parida P.; Bala B.K.	Meta-Learning Strategies for Engineering Education Reform: Leveraging Convolutional Neural Networks and Reinforcement Learning Perspectives	2024	2024 IEEE 1st International Conference on Green Industrial Electronics and Sustainable Technologies, GIEST 2024						Conference paper
2301	Ponnuru S.; Sharma A.K.; Khan P.F.; Poovannan E.; Lakshmi B.V.; Gopinath S.	Image Processing Based Automatic Traffic Control System	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
2302	Panwar N.; Kumar N.; Sunil Kumar M.; Rafeeq M.; Rajeswari P.; Meenakshi S.	AI-Driven Healthcare Infrastructure for Smart Cities Using Privacy Preserved Decision Trees to Secure the Patient Data	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2303	Yogi K.S.; Dankan Gowda V.; Poornima G.; Prasad K.D.V.; Srinivas D.; Prasanth P.V.	Comparative Analysis of Machine Learning Techniques for Detecting Sentiments in Social Media	2024	2nd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2024						Conference paper
2304	Sangeetha P.; Premalatha M.; Balaji M.; Mahapatra R.K.; Sethuraman R.; Patro B.S.	Optimizing Energy Management in Microgrid Systems with Demand Response using Leaf-Wind Optimization	2024	8th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2024 - Proceedings				387	393	Conference paper
2305	Reddy R.S.S.; Satyanarayana V.; Madhusudhanarao G.; Kumar A.A.; Prakash K.; Sai Thrinath B.V.	Adaptive Control Neutral Point Scheme for Wind-Based Induction Machine	2024	2024 International Conference on Computational Intelligence for Green and Sustainable Technologies, ICCIGST 2024 - Proceedings						Conference paper
2306	Deshpande S.B.; Velrani K.S.; Bhagyalakshmi A.; Vani M.S.; Ananthi S.N.; Sahu D.	Neural Networks for Natural Language Processing	2024	2024 Asian Conference on Intelligent Technologies, ACOIT 2024						Conference paper
2307	Balaram A.; Suneel S.; Kavitha P.M.; Saikia A.; Gopi S.; Kumar Y.D.	A Secured Multiple Party Key Agreement Protocol Design over Cloud Computing Platform by Using Statistical Data Analysis Logic	2024	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings				619	625	Conference paper
2308	Subha B.; Nagarajan S.; Thangam A.; Somasekhar Srinivas V.K.; Praveen R.V.S.; Bakshi K.D.	Fuzzy Clustering and Autoencoder-Based Cybersecurity for EVs in a Blockchain-Enabled Smart Cloud Environment	2024	4th IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2024						Conference paper
2309	Kumar M.S.; Sirisala S.; Babu G.N.; Ramakrishna K.; Muthu Lakshmi N.V.	Computerized Cognitive Retraining Program for Home Training of Children with Disabilities	2024	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings				870	873	Conference paper
2310	Manjare S.S.; Somasekhar Srinivas V.K.; Thangam A.; Udayakumar M.; Singh J.; Mishra S.	Optimising Electric Charging Station Management for Green Transportation with Cloud-Based E-GraphSage Models	2024	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDESCNC 2024						Conference paper
2311	Habelalmateen M.I.; Abdulsattar N.F.; Gangopadhyay A.; Ghafour R.R.; Ward Z.H.; Abbas F.H.	Resource Management and GA-Based Scheduling for Unmanned-Aerial-Vehicle Communications	2024	2024 Asian Conference on Communication and Networks, ASIANComNet 2024						Conference paper
2312	Gowda D.V.; Kumar P.S.V.V.S.R.; Prasad K.D.V.; Ashreetha B.; Kumar M.B.; Karthikeya K.	Enhanced Magnetic Resonance Imaging for Accurate Classification of Benign and Malignant Brain Cells	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
2313	Saravanan S.K.; Praveen M.; Aghalya S.; Shadaksharappa B.; Mohankumar N.; Nandagopal V.	Autonomous Mobility: A Smart Wheelchair Ecosystem by IaaS Cloud Model using AWS	2024	4th International Conference on Innovative Practices in Technology and Management 2024, ICIPTM 2024						Conference paper
2314	Gnanasekaran T.; Girinath S.; Venkatesh K.; Valarmathi N.; Bandili S.K.; Balasubramani S.	Exploring K-Means Meta-Heuristic Techniques For Prediction of Anomalies In IoT-Enabled Industrial Systems	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper

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2315	Kalpanadevi D.; Devi S.N.; Silas Stephen D.; Jadhav S.; Ali Khan P.M.D.; Muralidharan J.	Temperature Variation Modelling in Mushroom Growing Hall with IAN-Bidirectional GRU Model	2024	4th International Conference on Sustainable Expert Systems, ICSES 2024 - Proceedings				1050	1055	Conference paper
2316	Sachi S.; Ganesh D.; Bhagyalakshmi L.; Tiwari R.; Suman S.K.; Manikanta S.P.; Nigam A.; Shrivastava R.	A FRAMEWORK FOR MORPHOLOGICAL OPERATIONS USING COUNTER HARMONIC MEAN	2024	Proceedings on Engineering Sciences	6	4		1531	1540	Article
2317	Parimalasundar E.; Sita H.; Vijayakumar K.; Jayanthi R.; Narmatha P.; Venkateswaran M.	Switch Minimization Strategies for Efficient Multilevel Inverters in Renewable Energy	2024	2nd International Conference on Signal Processing, Communication, Power and Embedded Systems, SCOPES 2024						Conference paper
2318	Iderus S.; Peter G.; Arun V.; Vanaja D.S.; Vignesh K.E.; Stonier A.A.	Ferranti Effect on a T- Section Model of an Overhead Transmission Line - A detailed Analysis	2024	International Conference on E-Mobility, Power Control and Smart Systems: Futuristic Technologies for Sustainable Solutions, ICEMPS 2024						Conference paper
2319	Balaram A.; Jadhav R.D.; Kumar N.; Muthukumaran D.; Nalini C.; Kumar Y.D.	Empowering LiFi Technology: Experimental Design of Light Assisted Data Communication using Visible Light Communication Model	2024	Proceedings - 2024 5th International Conference on Image Processing and Capsule Networks, ICIPCN 2024				941	947	Conference paper
2320	Gururaj D.; Renukhadevi M.; Chithra L.; Vijayakumari P.; Divya N.	An improved analysis of satellite communication in Atmospheric Attenuation using machine learning model	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2321	Kumaran N.; Begum I.P.; Ramani R.; Pournima S.; Rani D.L.; Radhika A.	Brain Disease Diagnosis Prediction Model for Fuzzy Based Generic Shaped Clustering and HPU-Net	2024	International Journal of Intelligent Systems and Applications in Engineering	12	1s		291	301	Article
2322	Kaliappan K.; Reddy A.B.; Muthukumaran D.; Gopinath S.; Srinivas T.A.S.; Selvan R.S.	The Framework of IoT-Based Paradigms to Renewable Power Utilization and Distribution by Microgrid	2024	Sustainable Smart Homes and Buildings with Internet of Things				133	148	Book chapter
2323	Hameed Shnain A.; Gattupalli K.; Nalini C.; Alagarsundaram P.; Patil R.	Faster Recurrent Convolutional Neural Network with Edge Computing Based Malware Detection in Industrial Internet of Things	2024	2nd IEEE International Conference on Data Science and Network Security, ICDSNS 2024						Conference paper
2324	Dankan Gowda V.; Vishnu Tej Y.; Potharaju V.S.; Jakkidi P.R.; Sharma A.; Sudhakar Reddy N.	Deep Learning Techniques for Image Recognition in IoT-Enabled Surveillance Systems	2024	2024 Asian Conference on Intelligent Technologies, ACOIT 2024						Conference paper
2325	Dommeti V.S.; Dharani M.; Shasidhar K.; Reddy Y.D.R.; Venkatakrishnamoorthy T.	QUALITY ENHANCEMENT WITH FRAME-WISE DLCNN USING HIGH EFFICIENCY VIDEO CODING IN 5G NETWORKS	2024	Scalable Computing	25	2		1264	1275	Article
2326	Suma K.G.; Yadav M.G.; Kumar R.H.; Kale N.; Sunitha G.; Pranay Varna C.	SkinLesion-STN: Enhancing Skin Lesion Classification using Spatial Transformer Networks	2024	2024 2nd International Conference on Artificial Intelligence Trends and Pattern Recognition, ICAITPR 2024						Conference paper
2327	Kamaraj A.; Kumar V.; Vishnu Prasanth P.; Dutta R.; Roy B.; Chakraborty P.	FPGAs as Hardware Accelerators in Data Centers: A Survey From the Data Centric Perspective	2024	Proceedings - 2nd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2024				574	579	Conference paper
2328	Dankan Gowda V.; Chaithra S.M.; Gujar S.S.; Shaikh S.F.; Ingole B.S.; Reddy N.S.	Scalable AI Solutions for IoT-based Healthcare Systems using Cloud Platforms	2024	8th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2024 - Proceedings				156	162	Conference paper
2329	Geetha C.; Arunsundar B.; Vasumathi G.; Thamizhazhakan K.; Sudhakar C.V.	Decoding AI: Experimental Analysis of Artificial Intelligence based Wine Quality Prediction Logic using Convoluted Deep Classification Strategy	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024						Conference paper
2330	Jayanthi K.; Senthil Kumar N.; Gnanavadeivel J.; Stonier A.A.; Peter G.; Arun V.; Ganji V.	Analysis of Switched Inductor-Based High Gain SEPIC for Microgrid Systems	2024	International Transactions on Electrical Energy Systems	2024		8591539			Article
2331	Dankan Gowda V.; Surya S.G.; Kumar N.M.G.; Prasad K.D.V.; Satya Prasad V.K.; Kaur M.	Optimizing Renewable Energy Integration in Smart Grids through IoT-Driven Management Systems	2024	Proceedings - 2nd International Conference on Advancement in Computation and Computer Technologies, InCACCT 2024				783	788	Conference paper
2332	Senthilkumaran B.; Kaushal A.; Sushama C.; Kamalarajan P.; Bhaggiaraj S.; Babu M.D.	Welded Joint Performance Analysis through Mechanical and Thermal Property Prediction with Random Forest	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2333	Abraham K.; Nagendra K.; Venkatesh D.; Malapati D.; Naik M.R.	“Are All Low-Income Consumers are Stereotype in Respect of Their Consumption Expendituere on Various Items?” A Comparative Study	2024	Communications on Applied Nonlinear Analysis	31	5s		12	17	Article
2334	Kushwaha S.; Kondaveeti S.; Vasanthi S.M.; Thamba Meshach W.; Rani D.L.; Megala J.	Graph-Informed Neural Networks with Green Anaconda Optimization Algorithm Based on Automated Classification of Condition of Mental Health Using Alpha Band EEG Signal	2024	4th International Conference on Sustainable Expert Systems, ICSES 2024 - Proceedings				44	50	Conference paper
2335	Parasa G.; Nayak D.K.; Gangopadhyay A.; Stanlywit M.; Gokulakrishnan S.; Sharma P.	Exploring the Role of Artificial Intelligence in Enhancing Chatbot Functionality	2024	Proceedings - IEEE 2024 1st International Conference on Advances in Computing, Communication and Networking, ICAC2N 2024				1647	1651	Conference paper

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2336	Ch P.; Swathi R.; Suneetha K.; Suneetha I.; Reddy B.V.S.; Depuru S.K.	Image Capturing and Deleting Duplicate Images through Feature Extraction using Hashing Techniques	2024	International Journal of Engineering Trends and Technology	72	1		64	70	Article
2337	Nagarajan H.; Alsalami Z.; Dhreshwar S.; Sandhya K.; Palanisamy P.	Predicting Academic Performance of Students Using Modified Decision Tree based Genetic Algorithm	2024	2nd IEEE International Conference on Data Science and Information System, ICDSIS 2024						Conference paper
2338	Manivannan K.; Dankan Gowda V.; Pavan B.V.V.S.R.K.K.; Aravindh S.; Nithisha C.; Tanguturi R.C.	Enhanced Agricultural Methods and Sustainable Farming Through IoT and AI Technology	2024	2nd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2024 - Proceedings				1206	1212	Conference paper
2339	Habelalmateen M.I.; Abdulsattar N.F.; Gangopadhyay A.; Hadi R.L.; Abed H.M.; Abbas F.H.	Reliable Data Transmission and Efficient Vehicle Path-Planning in Cooperative Vehicular Networks	2024	2024 Asian Conference on Communication and Networks, ASIANComNet 2024						Conference paper
2340	Arunachalam S.; Almusawi M.; Rafikiran S.; Sivagami S.; Praveena H.D.	Surveillance and Intruder Detection using Pyramid Vision Transformer You Only Look Once Enhanced with Gradient Weighted Class Activation Mapping	2024	4th IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2024						Conference paper
2341	Rath M.K.; Karthi R.; Roopalatha N.; Rao A.H.; Thulasimani T.; Ali Khan P.M.D.	Analyzing Job Interview Performance Prediction using Graph Features and Convolutional Neural Networks	2024	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDESCNC 2024						Conference paper
2342	Prasad N.S.R.K.; Gangopadhyay A.; Prabakaran R.; Mishra N.; Prasad D.S.; Kapoor S.	Utilizing Anomaly Detection Methods for Identifying Fraudulent Activities in Credit Card Transactions	2024	Proceedings - IEEE 2024 1st International Conference on Advances in Computing, Communication and Networking, ICAC2N 2024				1641	1646	Conference paper
2343	Vijayakrishna B.; Mrudula G.; Sagar Y.; Prakash P.; Janaki D.V.; Satyanarayana M.V.N.V.	Mechanical Properties Enhancement in Friction Stir Processed AA2024 Alloy through Pin Profile Optimization	2024	Journal of The Institution of Engineers (India): Series D						Article
2344	Satyam; Neelima K.; Sandhiya M.; Padma C.; Ali S.J.; Meruva K.R.	High Speed Single Precision 64-Tap FIR Filter Using Urdhva Tiryagbhyam Sutra	2024	2024 IEEE Students Conference on Engineering and Systems: Interdisciplinary Technologies for Sustainable Future, SCES 2024						Conference paper
2345	Mercy S.S.; Venkatesan S.; Bharaneedharan M.; Nayagan S.; Venkateswarlu L.; Padmaja N.	LDGP: A Novel Approach to Predict Fake Reviews in Online Social Network by using Learning based Data Classification Principle	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
2346	Hussain S.J.; Kumar M.R.; Sailaja K.; Venkataramana R.; Anjaiah P.; Sudhakara M.	A Hybrid Model Combining CNN-SVM for Cervical Cancer Classification	2024	2024 2nd International Conference on Artificial Intelligence Trends and Pattern Recognition, ICAITPR 2024						Conference paper
2347	Bharathi G.P.; Yamunaa P.; Farook S.; Varshney N.; Poornashri M.R.; Kumar M.J.	Value Chain in the Recycling of Photovoltaic Modules	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024						Conference paper
2348	Thingom C.; Kumar N.M.G.; Gogula S.; Mukherjee A.; Bhosale S.; Sarojwal A.	Deep Learning for Predictive Maintenance in Power Systems	2024	2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024						Conference paper
2349	Jasim Alzubaidi L.H.; Sunil G.; Praveena H.D.; Sathishkumar N.; Manjula B.M.	Enhancing Quality-of-Service in LoRa Low-Power Wide-Area Networks via Multi-Hop Optimized Radio Resource Management	2024	2nd International Conference on Integrated Circuits and Communication Systems, ICICACS 2024						Conference paper
2350	Kadiri P.; Suresh R.; Pavan V.S.; Prabhu M.; Asuncion R.; Suman J.V.	Insightful Precision: Harnessing Deep Learning for Diabetic Retinopathy Diagnosis	2024	2nd IEEE International Conference on Advances in Information Technology, ICAIT 2024 - Proceedings						Conference paper
2351	Manickaraj K.; Nithyanandhan T.; Sathish K.; Karuppasamy R.; Sachuthanathan B.	An Experimental Investigation of Volume Fraction of Natural Java Jute and Sponge Gourd Fiber Reinforced Polymer Matrix Composite	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				2373	2378	Conference paper
2352	Tandon A.; Anitha C.; Kataria A.; Mohammed N.Q.; Al-Khuzai M.Y.; Almulla A.A.	Allometry Authentication in the Field of Finance: Creation of Well Secured System using AI Algo Based Systems	2024	2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024				962	967	Conference paper
2353	Nithyanandhan T.; Manickaraj K.; Sathish K.; Ramachandran N.; Sachuthanathan B.	Effects of Palm Stalk Ash on Mechanical Properties of Al6061 Reinforced with Graphite by Using Stir Casting Process	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				2357	2364	Conference paper
2354	Ganesan D.; Murali A.P.; Salunkhe S.; Tarigonda H.; Naranje V.	Effect of microcrystalline cellulose on mechanical properties of flax-jute-epoxy hybrid composite materials using vacuum bagging	2024	Journal of Reinforced Plastics and Composites						Article

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2355	Shobanadevi A.; Kottu S.; Kumar K.R.S.; Amudha K.; Praveena K.; Venkatesh R.	Automated Defect Detection in Electronic Components using Convolutional Neural Networks	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024						Conference paper
2356	Sasirekha P.; Devendraiah K.M.; Vidhya S S.; Reddy C.R.; Mohammad R.; Mary E A.J.	Boosting EFL Learners' Speaking Skills and Motivation Through Dual Graph Neural Networks	2024	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDSCNC 2024						Conference paper
2357	Monica K.M.; Al-Farouni M.; Madhura G.K.; Ghamya K.; Geethalakshmi M.	Vehicle Type Detection and Classification Using Improved Relief Feature Selection Algorithm and Bidirectional Gated Recurrent Unit	2024	2nd IEEE International Conference on Data Science and Information System, ICDSIS 2024						Conference paper
2358	Krishnamoorthy N.V.; Sujatha V.V.; Naresh G.; Ratheesh R.; Dinesh M.	Revolutionizing Military Operations: A Smart Fabrication of Bomb Detection and Diffusing Robot with Location Sharing Feature	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
2359	Krishna G.; Singh V.; Pandey D.; Krishna K.H.; Joshi K.; Gupta T.	Power Trading Framework of Cloud-Edge Computing in the Artificial Intelligence Market	2024	2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024				1910	1918	Conference paper
2360	Kumar P.; Purushothaman K.E.; Arunmozhi R.V.; Jayachitra S.; Rani D.L.; Kaliappan S.	Fault Detection in Solar Power System with Internet of Things using Multi resolution Sinusoidal Neural Network - Snow Geese Optimization Approach	2024	4th International Conference on Sustainable Expert Systems, ICSES 2024 - Proceedings				1013	1019	Conference paper
2361	Prasad Chapa B.; Mohan G.S.S.S.V.K.; Bhaskara Murthy M.V.H.; Babu G.U.; Begum A.Y.; Reddy Hemantha G.	Design and Implementation of High Speed Self-Biased DTDC for Flash ADC	2024	2024 IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies, INSPECT 2024						Conference paper
2362	Uma Maheswari S.; Adnan M.M.; Lathakumari K.R.; Pradeep V.; Praveena H.D.	Monarch Butterfly Optimization based Multi-Convolution Neural Network for Lung Cancer Classification	2024	International Conference on Distributed Computing and Optimization Techniques, ICDCOT 2024						Conference paper
2363	Hebri D.; Nuthakki R.; Digal A.K.; Venkatesan K.G.S.; Chawla S.; Reddy C.R.	Effective Facial Expression Recognition System Using Machine Learning	2024	EAI Endorsed Transactions on Internet of Things	10					Article
2364	Thandapani K.; Nagarajan P.; Ashokkumar N.; Krishnamurthy M.; Kabilamani P.; Manimaran B.	Performance Analysis of Different Optical Filters for 5G Wireless Optical Communication Systems	2024	2024 3rd International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2024						Conference paper
2365	Vijayakumar M.; Ramesh S.; Hussaini M.M.; Kannan V.K.; Jamuna P.; Arun V.	Performance Evaluation of Trinary Source 9 Level Inverter (TS9LI) with SPWM Control	2024	2024 1st International Conference for Women in Computing, InCoWoCo 2024 - Proceedings						Conference paper
2366	Parimalasundar E.; Jayakumar S.; Sita H.; Jayanthi R.; Hemanth Kumar B.; Suresh K.	Analysis of Nine Level Single-Phase Cascaded H-Bridge Inverters for EVs	2024	2024 3rd International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2024						Conference paper
2367	Suma K.G.; Sunitha G.; Karnati R.; Aruna E.R.; Anvesh K.; Kale N.; Kishore P.K.	CETR: CenterNet-Vision transformer model for wheat head detection	2024	Journal of Autonomous Intelligence	7	3	1189			Article
2368	Peter G.; Arun V.; Stonier A.A.; Praghash K.; Jency Rubia J.; Iderus S.	Level Shifted Phase Disposition PWM Control for Quadra Boost Multi Level Inverter	2024	2024 4th International Conference on Intelligent Technologies, CONIT 2024						Conference paper
2369	Josphineleela R.; Neelu B.; Banupriya P.G.; Kumar M.S.; Rajendiran M.; Navulla D.	Design of Software Reliability Prediction using Radial Basis Function Networks with Nonlinear Analysis and Topological Considerations	2024	Communications on Applied Nonlinear Analysis	31	2		107	118	Article
2370	Agrawal A.V.; Anuradha A.; Patil K.D.; Patil V.; Karthikumar K.; Tallapragada S.V.V.S.	A Hybrid Approach to Optimal Power Allocation in MIMO-NOMA: Integrating DGNN and Tyrannosaurus Optimization	2024	4th International Conference on Sustainable Expert Systems, ICSES 2024 - Proceedings				999	1005	Conference paper
2371	Tallapragada V.V.S.; Venkatesan G.; Manisha G.; Sivakumar N.; Kumar A.; Karthika J.	Multispectral image processing using ML based classification approaches in satellite images	2024	Artificial Intelligence, Blockchain, Computing and Security - Proceedings of the International Conference on Artificial Intelligence, Blockchain, Computing and Security, ICABCS 2023	1			734	738	Conference paper
2372	Jalinder Jadhav R.; Radhakrishnan P.; Arun Jadhav D.; Ashreetha B.; Divya J.; Mukherjee S.	Internet of Things Enabled Gas Leakage Detection Over Industrial Areas using Powerful MQ Series Sensor and Controller	2024	7th International Conference on Inventive Computation Technologies, ICICT 2024				1679	1686	Conference paper
2373	Turukmane A.V.; Tangudu N.; Sreedhar M.B.; Ganesh D.; Sagarika Reddy P.S.; Batta U.	An Effective Routing Algorithm for Load balancing in Unstructured Peer-to-Peer Networks	2024	International Journal of Intelligent Systems and Applications in Engineering	12	7s		87	97	Article

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2374	Lalitha V.; Suneetha R.; Basi Reddy A.; Mate N.R.; Mujeebunnisa S.	Integrating Artificial Intelligence for Sustainable and Adaptable Architecture	2024	2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024						Conference paper
2375	Kadiri P.; Anusha P.; Prabhu M.; Asuncion R.; Pavan V.S.; Suman J.V.	Morphed Picture Recognition using Machine Learning Algorithms	2024	2nd IEEE International Conference on Advances in Information Technology, ICAIT 2024 - Proceedings						Conference paper
2376	Swathi R.; Prabha M.; Sekar R.; Reddy A.B.; Srinivas T.A.S.; Selvan R.S.	Integration of AI and IoT Used to Manage and Secure the Renewable Energy Management in the Environment	2024	Sustainable Smart Homes and Buildings with Internet of Things				235	252	Book chapter
2377	Gunasekar S.; Pius Agbulu G.; Joselin Retna Kumar G.; Raghavendra Reddy N.V.; Dileep Kumar Y.; Ramesh Prasad R.	A Hybrid Decision-Tree and ANN Learning Model for Air Contamination Forecasting	2024	2024 3rd International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2024						Conference paper
2378	Nayak I.; Parasar A.; Lamba A.K.; Raghavendra Reddy C.; Tharini C.; Pulugu D.	EFL Teachers' Insights on AI Integration Exploring Chat GPT and the Graph Sage Model	2024	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDESCNC 2024						Conference paper
2379	Anitha C.; Mahaveerakannan R.; Archana Jenis R.M.; Sathyendra Kumar V.	Combining Global Contextual and Multi-Scale Features in ACSOA based Multi-Branch Deep Learning for Sensor based HAR	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
2380	Sundaramoorthy P.; Sivasamy S.; Sivaprakasam T.; Shankar S.V.; Arun V.; Balaji M.	Analysis of Various Core Materials and Permanent Magnets on MISC Type Motor for Electrified Transportation Systems	2024	IEEE Canadian Journal of Electrical and Computer Engineering	47	1		1	6	Article
2381	Zahiruddin S.; Prasad P.S.; Yaswitha S.S.; Teja R.K.; Naik R.R.; Jayachandra S.; Sarada M.; Appasani B.; Ravariu C.; Srinivasulu A.	Design of Comparator and Binary Amplitude Shift Keying Modulator using CCCII	2024	Proceedings of the 16th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2024						Conference paper
2382	Chandra Sekhar G.; Kedhari Sailaja P.; MadhusudhanaRao G.; Srinivas N.; Sai Thrinath B.V.; Akash G.	Optimizing Machine Learning Algorithms for Temperature Forecasting and Energy Management Systems	2024	2024 OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 4.0, OTCON 2024						Conference paper
2383	Perumal B.; Balamanikandan A.; Arunraja A.; Venkatachalam K.; Rahamtula S.; Dhanalakshmi M.	Creating a Logic Divider Based on BCD and Utilizing the Vedic Direct Flag Method	2024	International Journal of Electrical and Electronics Research	12	3		896	904	Article
2384	Mounagurusamy M.K.; Thiyagarajan V.S.; Rahman A.; Chandak S.; Balaji D.; Jallepalli V.R.	RNN-Based Models for Predicting Seizure Onset in Epileptic Patients	2024	2024 Asian Conference on Intelligent Technologies, ACOIT 2024						Conference paper
2385	Bhairavi R.; Thiruveni M.; Anita Christaline J.; Ashokkumar N.; Chandra I.; Nagarajan P.	Improved Energy Balancing based Data Forwarding incorporating Whale optimization Technique in Underwater Acoustic Sensor Network	2024	2024 3rd International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2024						Conference paper
2386	Mulakaledu A.; Reddy C.J.; Kishore Y.K.; Bakka V.; Kumari B.K.; Kumar B.H.	A New Quazi Z-Source Seven-Level inverter for Photovoltaic Applications	2024	International Journal of Electrical and Electronics Research	12	3		756	761	Article
2387	Singh G.; Rajasekhar E.S.K.; Mounika K.; Tulasi K.R.S.K.; Dondapati T.; Himasaila M.; Pulipati S.	Artificial Intelligence in Green Organic Chemistry: Pathway to Sustainable and Eco-Friendly Chemistry	2024	Asian Journal of Chemistry	36	12		2731	2743	Review
2388	Sunitha G.; Kiran J.S.; Nagendra K.V.; Afreen S.S.; Madhavi K.R.; Kothapati N.; Kumar V.N.; Hemachandu D.	Adaptive Trajectory Data Stream Clustering	2024	Lecture Notes in Networks and Systems	898			243	252	Conference paper
2389	Parimalasundar E.; Jayakumar S.; Ravikumar R.; Kannan V.K.; Sindhuja R.; Suresh K.	Strategic Power Factor Management for Elevated Lift and Hoist Performance	2024	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024				270	274	Conference paper
2390	Nabi S.A.; Naick B.R.; Almusawi M.; Shruthi B.S.; Rana Veer Samara Sihman Bharattej R.	Predictive Maintenance of Aircraft Engine using Empirical Mode Decomposition based Long Short Term Memory	2024	2nd IEEE International Conference on Data Science and Information System, ICDSIS 2024						Conference paper
2391	Kadiri P.; Suman J.V.; Swaroopa K.; Srinivas A.; Bhuvana C.; Prabhu M.	Integrated Approaches for Agricultural Landscape Monitoring and Plant Disease Management	2024	2024 4th Asian Conference on Innovation in Technology, ASIANCON 2024						Conference paper
2392	Ponnarasi N.; Prasad D.V.S.S.S.V.; Jyothi Babu A.; Revathi N.; Kumar A.; Balaji N.A.	Application of Bayesian Neural Networks for Indoor Temperature Time Series Forecasting	2024	2024 International Conference on Optimization Computing and Wireless Communication, ICOCWC 2024						Conference paper
2393	De T.; Dankan Gowda V.; Thirani P.; Prasad K.D.V.; Srinivas V.; Gireesh N.	Machine Learning Applications in Azure for Enhanced E-commerce Customer Sentiment Analysis	2024	Proceedings of International Conference on Circuit Power and Computing Technologies, ICCPCT 2024				1415	1422	Conference paper
2394	Addepalli T.; Kamili J.B.; Kulkarni J.; Subburaman B.; Nimmagadda P.; Boddu S.	Design of Triangular Shaped Multiple Input Multiple Output Antenna with Defected Substrate for 5G Sub 6 GHz and WLAN Applications	2024	2024 IEEE Wireless Antenna and Microwave Symposium, WAMS 2024						Conference paper
2395	Anitha C.; Kapruwan A.; Shilpa M.; Dange J.; Vekariya V.; Maranan R.	Improvised Text Classification by Hybrid Machine Learning Techniques	2024	2024 OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 4.0, OTCON 2024						Conference paper

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2396	Venu S.; Kumar R.G.; Kumar M.K.; Gowtham Prasad T.V.S.; Suresh B.; Neelima P.	An Intelligent and Service Based Smart Agriculture Recommendation System	2024	International Journal of Intelligent Systems and Applications in Engineering	12	7		153	158	Article
2397	Shobharani B.; Sreelakshmy R.; Jyothsna V.; Rajendra Prasad D.; Chandra Sekhar Reddy P.; Farhad S.; Gupta A.	Impact of Image Processing and Deep Learning in IoT based Industrial Automation System	2024	International Journal of Intelligent Systems and Applications in Engineering	12	4s		801	807	Article
2398	Balamanikandan A.; Jalendiran J.; Saravanakumar M.; Sakthivel; Venkataramanaiah N.; Prabha A.S.	Home Automation Using Cloud and IOT	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
2399	Venkataramanaiah B.; Anuradha M.; Balasubramanian K.; Gnanaprakasam C.; Kumar D.P.; Palanikumar R.	Cardiovascular Abnormalities Classification Model Using Machine Learning and Signal Processing Techniques	2024	International Journal of Intelligent Systems and Applications in Engineering	12	6s		10	20	Article
2400	Muthumari A.; Sushama C.; Grandhi S.K.; Kaushal A.; Nurtanto M.; Sundaram M.K.	Exploring Welded Joint Integrity Using Microstructural Characterization Using Deep Encoders	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2401	Keerthi Kumar N.; Selvan S.; Ravindra G.; Kallappan S.; Natrayan L.; Vinayagam N.	Investigation of the Use of Renewable Energy in Microgrid Applications	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024						Conference paper
2402	Thangamayan S.; Sinha A.; Moyal V.; Maheswari K.; Harathi N.; Utama A.N.B.	Comparative Study on Different Machine Learning Algorithms for Neonatal Diabetes Detection	2024	Journal of Information Technology Management	16	1		5	26	Article
2403	Jain R.; Chilambuchelvan A.; Kumar M.S.; Ambigaipriya S.; Rafeeq M.D.; Sengottaiyan K.	PREDICTIVE POLICING IN URBAN ENVIRONMENTS USING RANDOM FOREST FRAMEWORK FOR SAFER SMART CITIES	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2404	Basha H.S.A.; Mittal M.; Chaithra M.H.; Kala K.L.; Patil H.; Maranan R.	Predicting Customer Churn Rates in Service Providing Organizations Using Riemann Residual Neural Network with Snow Geese Algorithm	2024	2nd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2024 - Proceedings				1463	1469	Conference paper
2405	Merlin N.R.G.; Gobinath S.; Srimathy G.; Divya N.; Abid Y.	An improved Vision Systems for modern computer applications using Deep Learning	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2406	Yogi K.S.; Dankan Gowda V.; Sindhu D.; Soni H.; Mukherjee S.; Madhu G.C.	Enhancing Accuracy in Social Media Sentiment Analysis through Comparative Studies using Machine Learning Techniques	2024	2024 International Conference on Knowledge Engineering and Communication Systems, ICKECS 2024						Conference paper
2407	Kadiri P.; Brahmareddy A.; Narayanasamy S.; Aggarwal A.; Fakher A.J.; Al-Hilali A.	Development of Structure for Reliability Kind of Assessment Through Artificial Intelligence	2024	2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024				2000	2002	Conference paper
2408	Tallapragada V.V.S.; Chaudhary S.; Glory J.S.; Venkatesan G.; Maheswari B.U.; Kumar E.R.	Deep learning based approach for rice prediction from authenticated block chain mode	2024	Artificial Intelligence, Blockchain, Computing and Security - Proceedings of the International Conference on Artificial Intelligence, Blockchain, Computing and Security, ICABCS 2023	1			550	556	Conference paper
2409	Prajwal Hegde N.; Jamadar J.; Changala R.; Mukherjee S.K.; Dhyani B.; Sachuthananthan B.	Enhancing the Clarity of Surveillance Footage with Deep Residual Neural Networks	2024	2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024						Conference paper
2410	Anitha C.; Devi S.; Nassa V.K.; Mahaveerakannan R.; Das Baksi K.; Suganthi D.	Development of Image Processing and AI Model for Drone Based Environmental Monitoring System	2024	Journal of Machine and Computing	4	1		221	229	Article
2411	Jamalpur B.; Kiruthiga S.; Ranjitha B.; Lefty Joyson J.; Jayaram K.; Soundar K.R.	Generative Adversarial Networks (GANs) for Artistic Style Transfer in Images	2024	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDESCNC 2024						Conference paper
2412	Kumar K.V.; Kumar Y.D.; Godla S.R.; Al Ansari M.S.; El-Ebiary Y.A.B.; Muniyandy E.	Enhancing Water Quality Forecasting Reliability Through Optimal Parameterization of Neuro-Fuzzy Models via Tunicate Swarm Optimization	2024	International Journal of Advanced Computer Science and Applications	15	3		1101	1110	Article
2413	Chandi Priya K.G.; Sharma S.; Kumar M.S.; Gangwar P.K.; Aarthi R.; Kumar R.S.	Optimizing Urban Mobility in Smart Cities Through Deep Learning-Based Traffic Management	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2414	Anitha C.; Soundarraj P.L.; Geethanjali N.; Boopathy C.; Venkatesh A.N.; Krishna I.M.	Human-Computer Interaction: Innovations and Challenges in Virtual Reality	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024						Conference paper
2415	Kumar B.M.; Rajeswari G.; Thanush B.V.; Krishna V.; Sree E.D.; Balakrishnan A.	Grocery Purchase through Blockchain System	2024	2024 IEEE Pune Section International Conference, PuneCon 2024						Conference paper

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2416	Aouthu S.; Venkatramana P.; Chandra M.L.R.; Swaraja K.; Dilli R.	ANALYSIS OF SPATIAL CORRELATION PROPERTIES AND RECEIVED SIGNAL CHARACTERISTICS OF LARGE DIMENSIONAL RIS-ASSISTED COMMUNICATION IN NEXT GENERATION RADIO NETWORKS	2024	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	83	10		57	69	Article
2417	Aarthi E.; Jagadeesh S.; Lingineni S.L.; Dharani N.P.; Pushparaj T.; Satyanarayana A.N.	Detecting Parkinson's Disease using High-Dimensional Feature-Based Support Vector Regression	2024	International Conference on Intelligent Algorithms for Computational Intelligence Systems, IACIS 2024						Conference paper
2418	Indhumathi G.; Padma E.; Vasumathi G.; Basha S.M.; Dinesh M.	Enhanced Object Detection model in Complex Images using swin-transformer	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2419	Kumar K.K.; Kiran V.; Choudhary R.K.; Devhare L.D.; Gunjal S.D.	Design Development and Characterization of Nicardipine Solid Lipid Nano-Particulars	2024	International Journal of Drug Delivery Technology	14	1		71	78	Article
2420	Sarathamani T.; Kavitha K.; Thirumoorthi C.; Vagini K.J.; Manikandaprabhu P.; Sumathi P.	Artificial Intelligence Strategies for Accurate Segmentation and Categorization of Unveiling Genetic Disorders in Bioinformatics	2024	2nd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2024 - Proceedings				319	324	Conference paper
2421	Depuru S.; Sirisala S.; Akuthota K.; Reddy B.V.S.; Amala K.; Sivanantham S.	Enhancing Flight Delay Prediction and Classification Using a Hybrid Bi-LSTM: Machine Learning	2024	Communications on Applied Nonlinear Analysis	31	6s		440	451	Article
2422	Nayak I.; Shukla T.D.; Shiny K.P.; Raghavendrareddy C.; Pulugu D.; Raihana A.	Improving EFL Students' Academic Success with Positive Psychology and Graph Attention Networks	2024	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDSNC 2024						Conference paper
2423	Kawale S.R.; Mallikarjun S.; Dankan Gowda V.; Prasad K.D.V.; Shekhar R.; Anil Kumar N.	Design and Implementation of an AI and IoT-Enabled Smart Safety Helmet for Real-Time Environmental and Health Monitoring	2024	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2024						Conference paper
2424	Jagadha S.; Rao B.M.; Durgaprasad P.; Gopal D.; Prakash P.; Kishan N.; Muthunagai K.	Darcy Forchheimer two-dimensional thin flow of Jeffrey nanofluid with heat generation/absorption and thermal radiation over a stretchable flat sheet	2024	Archives of Thermodynamics	45	2		247	259	Article
2425	Rekha S.; Geetha K.; Gireesh; Gokulavasan B.; Patil H.; Maranan R.	Hybrid Approach for the Classification and Detection of Brain Tumor	2024	2nd IEEE International Conference on Data Science and Network Security, ICDSNS 2024						Conference paper
2426	Hubert Mary L.; Basha S.M.; Nandurkar Y.; Safori A.O.; Suriya N.; Mohanalakshmi S.	The Logical Development of Internet of Things Based Elderly and Disabled Peoples Monitoring System Using Smart Sensors	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
2427	Banu E.A.; Chidambaranathan S.; Jose N.N.; Kadiri P.; Abed R.E.; Al-Hilali A.	A System to Track the Behaviour or Pattern of Mobile Robot Through RNN Technique	2024	2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024				2003	2005	Conference paper
2428	Anitha C.; Swati; Sumallika T.; Selvi T.R.K.; Barve A.; Maranan R.	Classification and detection of inconsistent data from a crash report in field of a GPON broadband access network using Artificial Intelligent Algorithms	2024	Proceedings - 2nd International Conference on Advancement in Computation and Computer Technologies, InCACCT 2024				225	229	Conference paper
2429	Reddy D.J.N.; Krishna Priya R.; Kumar J.A.; Prasad P.D.; Nawaz M.; Venu N.	Utilizing Artificial Intelligence for Plant Phenotyping in Soilless Farming: An Innovative Deep Learning Approach on a Unique Dataset	2024	2024 IEEE International Conference on Smart Power Control and Renewable Energy, ICSPCRE 2024						Conference paper
2430	Dankan Gowda V.; Dakshayini G.; Singh S.; Srinivas V.; Rani R.; Gireesh N.	A Novel Approach to Enhancing Manufacturing Efficiency and Quality Control with Industrial IoT	2024	5th International Conference on Electronics and Sustainable Communication Systems, ICESC 2024 - Proceedings				396	404	Conference paper
2431	Pathak D.; Dankan Gowda V.; Manivannan K.; Aghav S.; Srinivas V.; Gireesh N.	Advanced Machine Learning Approaches to Evaluate User Feedback on Virtual Assistants for System Optimization	2024	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings				1140	1147	Conference paper
2432	Prameela Devi R.; Neeraja P.; Ajay V.K.; Nirmal Raj A.; Lokeswar Reddy D.V.; Ramachandran G.	Analysis of Artificial Intelligence Hybrid Security Cloud System Intelligent Technology and its Applications	2024	Proceedings - 2024 4th International Conference on Soft Computing for Security Applications, ICSCSA 2024				506	509	Conference paper
2433	Irfan B.Md.; Raman R.; Praveena H.D.; Senthilkumar G.; Kumar A.; Bakhare R.	Digital media industry driven by 5G and blockchain technology	2024	Artificial Intelligence, Blockchain, Computing and Security - Proceedings of the International Conference on Artificial Intelligence, Blockchain, Computing and Security, ICABCS 2023	1			557	562	Conference paper

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2434	Rongali A.S.; Dhabliya D.; Pandey I.; Sachdeva A.; Praveena H.D.; Aich S.C.	Investigating Applications of Run Length Encoding in Data Compression & Source Coding	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2435	Babu M.; Shinde P.V.; Agrawal N.; Bhaskar M.V.; Hemabala K.; Priya S.	Sentiment Analysis in Social Media Using Deep Learning Techniques	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
2436	Pavithra G.N.; Theja A.S.S.P.; Gowda D.V.; Prasad K.D.V.; Srinivas V.; Chandra S.H.	Enhancing V2V Communication Systems with Deep Learning-Based Parametric Models for Improved Performance and Reliability	2024	2024 Asian Conference on Intelligent Technologies, ACOIT 2024						Conference paper
2437	Sasi Kiran J.; Dhana Lakshmi P.; Sultana N.; Naga Rama Devi G.; Gothane S.; Reddy Madhavi K.	Stock Market Price Prediction Using Sentiment Analysis	2024	Lecture Notes in Electrical Engineering	1155			261	268	Conference paper
2438	Tiwari S.S.; Mittal T.; Habelalmateen M.I.; Madhu P.; Nimmalaharathi; Bansal S.; Kaushik R.	Human-Computer Interaction and Computational Intelligence: Machine Learning Approaches	2024	Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024						Conference paper
2439	Mediga K.R.; Sunkad G.; Shil S.; Kulkarni S.; Patil B.; Sharath Chandran U.S.; Ashwini P.; Sharma M.	Assessment of the spatial distribution and identification of potential risk areas for the sterility mosaic disease of pigeonpea (Cajanus cajan L. Huth) in Southern India	2024	Frontiers in Sustainable Food Systems	8		1386823			Article
2440	Hussain N.; Dankan Gowda V.; Shyamsunder C.; Srinivas V.; Rani R.; Balaji M.	Optimizing IoT Device Networks with Edge Computing to Address Latency and Bandwidth Constraints	2024	5th International Conference on Electronics and Sustainable Communication Systems, ICESC 2024 - Proceedings				388	395	Conference paper
2441	Sarkar P.; Priya Y.D.; Patel P.B.; Chatterjee Biswas P.; Arigela S.; Sallaram S.	Data Visualization in Transforming Raw Data into Compelling Visual Narratives	2024	TQCEBT 2024 - 2nd IEEE International Conference on Trends in Quantum Computing and Emerging Business Technologies 2024						Conference paper
2442	Saini A.K.; Gupta A.A.; Keservani R.K.; Kachave R.N.; Dharmamoorthy G.; Kesharwani R.K.; Patil S.J.	HIV/AIDS neurological disorders	2024	A Review on Diverse Neurological Disorders: Pathophysiology, Molecular Mechanisms, and Therapeutics				291	298	Book chapter
2443	Ramachandran L.; Girinath S.; Padmavathi N.; Subramaniam G.; Chitra M.S.; Sathya V.	Enhancing Industrial Applications with LSTM-Based Predictive Analytics	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2444	Kale M.R.; Deepa; Kumar N.A.; Anantha N.L.; Rao V.S.; Godla S.R.; Thenmozhi E.	Enhancing Cryptojacking Detection Through Hybrid Black Widow Optimization and Generative Adversarial Networks	2024	International Journal of Advanced Computer Science and Applications	15	3		871	884	Article
2445	Reddy K.J.; Dash R.; Subburaj V.; Kumar B.H.; Dhanamjayulu C.; Blaabjerg F.; Muyeen S.M.	A stochastic variance reduction gradient-based GSO-ANFIS optimized method for maximum power extraction of proton exchange membrane fuel cell	2024	Energy Conversion and Management: X	21		100505			Article
2446	Gund A.M.; Suneel S.; Begum M.A.; Gopinath D.; Nalini C.; Aarthi R.	An Efficient and Cost Effective Systematic Ventilator Design Using Internet of Things with Smart Sensors Association	2024	5th International Conference on Electronics and Sustainable Communication Systems, ICESC 2024 - Proceedings				333	340	Conference paper
2447	Kotiyal A.; Hussein L.; Dixit K.K.; Upadhyay S.; Nimmalaharathi; Francis Raj J.R.	Aluminium-Metal Oxide (Al2O3) Performance Evaluation; Utilising Nanofluid Cooling Technology and Artificial Intelligence for Maximum Power Point Tracking Of Perovskite Solar Cells	2024	Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024						Conference paper
2448	Chandu V.; Thagaram E.; Srilakshmi S.; Sahyaja C.; Akthar P.; Goli G.; Rao C.V.R.K.	Federated Deep Learning Architecture for Technical Analysis of the Standard Souq Using Optimization Technique	2024	International Journal of Intelligent Systems and Applications in Engineering	12	6		233	246	Article
2449	Vamsikrishna M.; Bogireddy S.R.; Gangopadhyay A.; Mishra N.; Sundaram A.; Sharma P.	Investigating Writer-Independent Deep Learning Techniques for Offline Handwritten Signature Verification	2024	Proceedings - IEEE 2024 1st International Conference on Advances in Computing, Communication and Networking, ICAC2N 2024				1658	1663	Conference paper
2450	Shobharani B.; Girinath S., Mr.; Babu K.S.; Kumaran J.C.; El-Ebiary Y.A.B., Pro; Farhad S.	DeepCardioNet: Efficient Left Ventricular Epicardium and Endocardium Segmentation using Computer Vision	2024	International Journal of Advanced Computer Science and Applications	15	4		849	858	Article
2451	Shaik M.K.; Rajkumari Y.; Madhuri J.N.; Arunadevi V.; Reddy C.R.; Prema S.	Automated English Language Learning Using BERT-LSTM Model	2024	2024 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Applications, ICAIQSA 2024 - Proceedings						Conference paper
2452	Sakthivel M.; Sivanantham S.; Bharathiraja N.; Bala Krishna N.; Kamalraj R.; Kumar V.S.	Ensuring Web Application Security: An OWASP Driven Development Methodology	2024	2024 International Conference on Knowledge Engineering and Communication Systems, ICKECS 2024						Conference paper

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2453	Veni N.K.; Vivekanandan G.; Jose N.N.; Arya A.; Saravanabhavan P.; Prasad P.D.	Refined MRI Image Enhancement for Precision Brain Tumour Diagnosis a Cutting-Edge Dual-Module Framework	2024	2nd IEEE International Conference on Advances in Information Technology, ICAIT 2024 - Proceedings						Conference paper
2454	Nirmale V.K.; Rao C.M.; Ramesh M.; Nirmala M.; Girinath S.; Kumar N.M.	Fuzzy Integrated Latent Dirichlet Allocation Algorithm for Intrusion Detection in Cloud Environments	2024	International Journal of Intelligent Systems and Applications in Engineering	12	17s		249	259	Article
2455	Jena K.; Kumar D.; Kumar H.; Janardhan K.; Reddy J.R.; Dash R.; Dhanamjayulu C.; Khan B.	A Novel Multigain Switched-Capacitor-Based Topology with Reduced Part Count	2024	International Transactions on Electrical Energy Systems	2024		2944846			Article
2456	Sarasu R.; Nandagopal V.; Shibu N.V.; Lakshminarayanan S.; Raj T.S.; Rajmohan M.	Automated Fire Hydrant Monitoring and Maintenance using IoT Data Analytics and Naive Bayes Classifier	2024	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDSNC 2024						Conference paper
2457	Johari L.; Ramya P.; Suganya M.; Praveena H.D.; Lathamageshwari P.S.; Rajendiran M.	Deep Learning-Based Noise Reduction Techniques in Electronic Signal Processing	2024	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024						Conference paper
2458	Kumar N.M.G.; Shanmuga Priya S.; Varghese V.; Renuga K.; Patra J.P.; Nishant N.	An Improved Method for Fault Detection Electric Power System Protection using SVMCNN Model	2024	1st International Conference on Electronics, Computing, Communication and Control Technology, ICECCC 2024						Conference paper
2459	Ayyalasomayajula M.M.T.; Mandala V.; Prasad H.; Gangopadhyay A.; Shrivastava N.; Sundaram A.	Cyber-attack Detection Using Gradient Clipping Long Short-Term Memory Networks in Internet of Things	2024	2024 Asian Conference on Communication and Networks, ASIANComNet 2024						Conference paper
2460	Anitha C.; Mahaveerakannan R.; Govindaraju S.; Thendral T.M.; Sunkesula H.	Towards Precise Peach Disease Detection: Leveraging PCNN with Enhanced Activation and AFHOA Fine-Tuning	2024	2024 Asian Conference on Intelligent Technologies, ACOIT 2024						Conference paper
2461	Sujatha M.S.; Banu S.S.; Sriyesh V.S.; Sreenivasan G.; Kuruba M.; Reddy M.G.M.	Cyber Security for Power System	2024	10th International Conference on Electrical Energy Systems, ICEES 2024						Conference paper
2462	Yogi K.S.; Dankan Gowda V.; Mouna K.M.; Sujithra L.R.; Prasad K.D.V.; Midhun P.	Scalability and Performance Evaluation of Machine Learning Techniques in High-Volume Social Media Data Analysis	2024	2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2024						Conference paper
2463	Keservani R.K.; Jain P.K.; Premalatha S.J.; Veeranna S.; Damarasingu P.; Prasad P.D.; Panda S.	Epilepsy and neurodegeneration	2024	A Review on Diverse Neurological Disorders: Pathophysiology, Molecular Mechanisms, and Therapeutics				281	290	Book chapter
2464	Rani A.S.; Venkata Lakshmi Keerthi K.; Rao M.V.N.; Kumar G.V.P.; Tallapragada V.V.S.; Purnima K.	Efficient Non-Local Similarity-based Image Dehazing: A Pixel-Level Approach for Enhanced Performance and Robustness	2024	8th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2024 - Proceedings				826	829	Conference paper
2465	Abdulsattar N.F.; Abed H.M.; Gangopadhyay A.; Habelalmateen M.I.; Abbas F.H.; Hadi R.L.	Energy Consumption Modeling and Grey Wolf Optimization for Vehicular Communication	2024	2024 Asian Conference on Communication and Networks, ASIANComNet 2024						Conference paper
2466	Gandhimathi G.; Rajaram G.; Gandhi V.C.; Putta P.; Abed R.E.; Meassar A.-H.	A Use of Fuzzy Logic Based Decision Making tree for Developing Smart Healthcare System	2024	2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024				298	300	Conference paper
2467	Sowmiya M.; Bhanu D.; Shruthi K.; Jilt P.; Beaula Pinky B.; Yasmine Begum A.	Medical Imaging and Diagnostics with Machine Learning	2024	Artificial Intelligence-Based System Models in Healthcare				283	309	Book chapter
2468	Ashokkumar N.; Yatam N.R.; Chandra I.; Anita Christaline J.; Bhairavi R.; Thiruveni M.	Internet of Medical Things (IoMT): Opportunities and Security Challenges	2024	5th International Conference on Electronics and Sustainable Communication Systems, ICESC 2024 - Proceedings				370	376	Conference paper
2469	Sheema S.K.; Vanathi A.; Maria Rubiston M.; Chembian W.T.; Kalaierasi N.; Kumar A.T.A.K.	An Effective Cluster Based Energy and Power Optimization Routing Protocol Design over Wireless Sensor Network Environment	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
2470	Raja V.J.; Dhanamalar M.; Solaimalai G.; Rani D.L.; Deepa P.; Vidhya R.G.	Machine Learning Revolutionizing Performance Evaluation: Recent Developments and Breakthroughs	2024	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings				780	785	Conference paper
2471	Dankan Gowda V.; Irshad M.A.; Mary P.A.; Prasad Y.D.; Prasad K.D.V.; Tarigonda H.	Machine Learning-driven Quality Control Strategies for Industrial IoT Applications	2024	2024 4th Asian Conference on Innovation in Technology, ASIANCON 2024						Conference paper
2472	Amanullah M.; Chaudhary S.; Yalini R.; Balaji M.; Vijaya Sudha M.; Dhanraj J.A.	Deep learning approach for smart home security using 5G technology	2024	Artificial Intelligence, Blockchain, Computing and Security - Proceedings of the International Conference on Artificial Intelligence, Blockchain, Computing and Security, ICABCS 2023	1			563	568	Conference paper

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2473	Yashan N.; Kiran S.; Teja G.D.; Balamurthi B.; Kolgiri S.G.; Reddy D.R.	Integrating Machine Learning in Finite Element Analysis for Structural Health Monitoring	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
2474	Pandiyan K.; Kamal Raj T.; Monikarchana Y.; Jayashree A.; Judith Varshini J.C.; Shenbaga Valli S.	Real-time Gesture Recognition for Sign Language Communication with CNN	2024	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDSCNC 2024						Conference paper
2475	Haripriya M.P.; Durai Vasanth R.; Anand M.S.; Kulkarni V.V.; Farook S.; Senthil Kumar K.R.	Application of Machine Learning Algorithms for Fault Detection and Diagnosis in Power Systems	2024	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024						Conference paper
2476	Dankan Gowda V.; Mary P.A.; Ramanan S.V.; Kumar N.M.G.; Kumar P.S.; Abdullah I.	Image Processing Techniques for Detecting Steel Defects with MATLAB and Machine Learning	2024	2024 1st International Conference on Advanced Computing and Emerging Technologies, ACET 2024						Conference paper
2477	Anitha C.; Aswal U.S.; Chaithra M.H.; Dange J.; Barve A.; Maranan R.	Detection of anomalies in networks by implementing and analyzing deep learning-based classifiers	2024	2024 International Conference on Communication, Computing and Internet of Things, IC3IoT 2024 - Proceedings						Conference paper
2478	Shukla T.D.; Nimma D.; Pokkuluri K.S.; Najmusaqib S.; Sivakumar K.K.; Bala B.K.	Utilizing Artificial Intelligence for Enhancing Performance and Preventing Injuries in Sports Analytics	2024	2024 International Conference on Intelligent Computing and Sustainable Innovations in Technology, IC-SIT 2024						Conference paper
2479	Angadi R.V.; Vijayalakshmi A.K.; Jisha L.K.; Daram S.B.; Anusha B.; Salau A.O.	Energy Management Strategies for Sustainable Development: A Comprehensive Review	2024	IEEE International Conference on Emerging and Sustainable Technologies for Power and ICT in a Developing Society, NIGERCON		2024				Conference paper
2480	Saillaja V.; Rehaman Pasha M.; Krishnaveni S.; Ravinder B.; Srinivasan S.; Nandagopal V.	IoT-Embedded Traffic Cones with CNN-based Object Detection to Roadwork Safety	2024	2nd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2024				120	125	Conference paper
2481	Poojari A.A.; Sivaji U.; Devi B.R.; Sujatha G.; Madhavi K.R.; Kumar T.R.	Clinical Healthcare Applications: Efficient Techniques for Heart Failure Prediction Using Novel Ensemble Model	2024	Journal of Information Technology Management	16	1		149	166	Article
2482	Swathi R.; Depuru S.; Sakthivel M.; Sivanantham S.; Amala K.; Ande P.K.	A Hybrid Malware Detection System for Enhanced Cloud Security Utilizing Trust-Based Glow-Worm Swarm Optimization and Recurrent Deep Neural Networks	2024	Communications on Applied Nonlinear Analysis	31	55		1	11	Article
2483	Arularasan R.; Balaji D.; Garugu S.; Jallepalli V.R.; Nithyanandh S.; Singaram G.	Enhancing Sign Language Recognition for Hearing-Impaired Individuals Using Deep Learning	2024	2nd IEEE International Conference on Data Science and Network Security, ICDSNS 2024						Conference paper
2484	Anitha C.; Sharma S.; Nassa V.K.; Agrawal S.K.; Rajasekaran A.; Mahaveerakannan R.	Artificial Intelligence Powered Congestion Free Transportation System Through Extensive Simulations	2024	Journal of Machine and Computing	4	1		250	260	Article
2485	Rajeswari D.; Chourasiya P.; Sivakumar K.K.; Sahu N.K.; Jerith G.G.; Singh P.	Advanced Neural Network Approach for Fetal Heart Rate Classification with Multi-Attribute Analysis	2024	2024 IEEE 4th International Conference on ICT in Business Industry and Government, ICTBIG 2024						Conference paper
2486	Yogi K.S.; Franklin Jino R.E.; Dankan Gowda V.; Murthy C.R.; Prasad V.V.; Srinivas V.	A Novel Approach to Social Sustainability with Machine Learning and the Best Worst Method in Manufacturing	2024	2024 1st International Conference on Advanced Computing and Emerging Technologies, ACET 2024						Conference paper
2487	Kungumaraj E.; Anand M.C.J.; Saikia U.; Dabass V.; Ranjitha B.; Tiwari M.	Topologized Graphical Method in Solving Fuzzy Transportation Problem with Computational Techniques	2024	Lecture Notes in Networks and Systems	1090 LNNS			513	521	Conference paper
2488	Sathish Kumar D.; Arun V.; Vijayakumar M.; Elango S.; Muthuvel K.; Raja A.	Minimum Component Switched Capacitor Inverter With Modified Pwm Control	2024	2nd International Conference on Emerging Research in Computational Science, ICERCS 2024						Conference paper
2489	Prathyusha C.; Jani S.P.; Uppalapati S.; Raghavulu K.V.; Lakshmi Kala K.; Ahilan C.; Kumar A.; Chandrashekar R.; Vemanaboina H.	Microstructure analysis of SS316L using Selective Laser Melting	2024	Journal of Physics: Conference Series	2837	1	12095			Conference paper
2490	Rao M.S.; Devi G.K.; Mubeen S.; Prashanth B.; Fatima T.; Madhavi K.R.; Kumar V.N.; Chintalacheri C.Y.	Kullback–Leibler Divergence-Based Feature Selection Method for Image Texture Classification	2024	Lecture Notes in Networks and Systems	897			309	318	Conference paper
2491	Dankan Gowda V.; Yogi K.S.; Srinivas I.V.; Kumar B.K.; Srinivas D.; Sudhakar Reddy N.	AI and Machine Learning for Intelligent Traffic Management in IoT-Connected Cities	2024	2024 Asian Conference on Intelligent Technologies, ACOIT 2024						Conference paper
2492	Agarwal R.; Gayathri B.; Rao C.M.; Alsalami Z.; Monisha Jothi R.; Jaya Deepthi K.	Automated Lung Cancer Diagnosis Using Vision Transformers (ViT) on CT Scan Data	2024	2nd IEEE International Conference on IoT, Communication and Automation Technology, ICICAT 2024				1298	1302	Conference paper
2493	Ramesh Naidu P.; Dankan Gowda V.; Gujar S.S.; Shaikh S.F.; Shandilya S.; Sudhakar Reddy N.	AI-Enhanced Cloud Security Framework for IoT Networks Using a Predictive Analytics Approach	2024	2024 3rd International Conference for Advancement in Technology, ICONAT 2024						Conference paper
2494	Ramkumar G.; Ramalingam H.; Balamurugan K.; Balakrishnan B.; Venkatanaresht M.; Sangeetha D.P.; Rashed A.N.Z.; Ferdous A.H.M.I.; Ahammad S.H.	Ultrahigh-fiber systems transmission capacity based on efficient optical single-/multi-mode band fiber parameters	2024	Journal of Optics (India)						Article

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2495	Sakharkar N.G.; Dharmamoorthy G.; Trivedi L.M.; Pujari N.M.; Mathew M.; Ranjan R.; Jadhav V.B.; Prasanthi S.; Tyagi M.	NANOTECHNOLOGY IN VACCINE DELIVERY: ENHANCING IMMUNOGENICITY AND EFFICACY	2024	Journal of Experimental Zoology India	27	2		2137	2147	Article
2496	Sura P.R.; Nimmagadda P.; Rani C.J.; Addepalli T.; Babu J.K.; Swamy B.Y.V.N.R.; Siridhara A.L.; Jagadeeswar Reddy G.	AN ASYMMETRICAL PSI-SHAPED MULTIBAND ANTENNA FOR WIRELESS APPLICATIONS	2024	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	83	5		1	10	Article
2497	Gorla U.S.; Gupta J.K.; Samathoti P.; Sahithi A.; Nuli M.V.; Kumar V.R.; Kumar R.R.	Suitability of Hybrid Quantum Dots as Payload for Plants	2024	Engineering Materials	Part F2942			359	375	Book chapter
2498	Syamala M.; Gayatri Devi G.S.K.; Sindhuja R.; Sreenivasulu U.; Kumar P.S.; Uma B.; Praveena K.; Rajaram A.	FUZZY-BASED MACHINE LEARNING FOR IMPROVED DIAGNOSIS OF NEUROLOGICAL DISORDERS USING MRI IMAGE	2024	Journal of Environmental Protection and Ecology	25	4		1291	1305	Article
2499	Ahila A.; Kumar P.S.; Kumar S.; Karthikeyan P.; Rani D.L.; Mary Victoria Florence M.; Kumar M.J.; Masih R.K.; Rajendran A.	3D-DWT WITH CNN FOR HUMAN ACTIVITY RECOGNITION USING TEMPORAL AND SPATIAL FEATURES	2024	Journal of Environmental Protection and Ecology	25	7		2406	2416	Article
2500	Prabu R.T.; Viruthachalam V.; Sweeti S.; Sree S.R.; Kumar C.R.; Addanki S.; Mahmoud S.A.	Long wavelength fluoride optical glass fibers performance signature in high speed local area data networks	2024	Journal of Optical Communications						Article
2501	Geetha P.; Ajitha S.; Jyothirmayi M.; Guha T.; Chaturvedi A.; Ganeshan P.; Taqui S.N.; Al-Ammar E.A.; Wabaidur S.M.; Iqbal A.	Smart Operating Range Monitoring of Solar PV Cell with Integrated Phase Change Materials by Using Solar Deep Learning Model	2024	Electric Power Components and Systems	52	11		2147	2158	Article
2502	Natarajan M.; Pasupuleti T.; Giri J.; Al-Lohedan H.A.; Katta L.N.; Mohammad F.; Sunheriya N.; Chadge R.; Mahatme C.; Giri P.; Mallik S.; Sathish T.	Optimization of wire spark erosion machining of Grade 9 titanium alloy (Grade 9) using a hybrid learning algorithm	2024	AIP Advances	14	1	15319			Article
2503	Lingaraj V.; Neelamegam N.; Selvaraju M.; Prahalathan G.; Narayanan D.B.; Anvar J.; Ramkumar G.; Rashed A.N.Z.; Iftekharul Ferdous A.H.M.	Different conventional commercial glass optical fibers composites physical parameters performance signature in short range optical transceiver systems	2024	Journal of Optics (India)						Article
2504	Rajagopal Reddy N.; Sharief Basha S.; Ramesh O.; Tarakaramu N.; Ahmad H.; Askar S.; Sivajothi R.	An assessment of fertilizer spraying drones based on hesitancy fuzzy similarity measures for sustainable green development	2024	AIP Advances	14	1	15131			Article
2505	Prabu R.T.; Mallan S.; Prasanth K.G.; Ravindra G.; Chitra M.P.; Rajalakshmi P.; Fathi S.H.	Performance signature for angular misalignment measurement of fiber to fiber connectors with minimum insertion loss and low distortion in optical fiber transceiver systems	2024	Journal of Optical Communications						Article
2506	Sirdeshpande N.; Nainwal A.; Nagarajan V.R.; Krupakaran R.L.; Patil H.; Maranan R.	H2HCO-BT+: Improving Wireless Sensor Network Node Localization Accuracy by Hybrid Hunting Cat Optimization and Battle Tactics Optimization	2024	2nd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2024 - Proceedings				171	176	Conference paper
2507	Loganathan P.; Dhanashekar M.; Ayyanar S.; Nadanakumar V.; Rajesh M.; Kumar M.V.; Balachandar M.; John J.G.; Sachthanathan B.	An Optimization Study on Wear Behaviour of AZ91/ZrB2 Composites Through Topsis Techniques	2024	Sustainable Civil Infrastructures				157	168	Conference paper
2508	Kanase S.; Amutha M.; Thangam A.; Loganathan P.; Ahmed S.A.; Kumar N.M.G.; Rajaram A.	OPTIMISED ENERGY-AWARE AI ALGORITHMS FOR IoT-ENABLED SMART GRIDS	2024	Journal of Environmental Protection and Ecology	25	2		659	668	Article
2509	Priya V.K.; Sugumar D.; Vijayalakshmi K.; Vanitha V.; Singh C.; Yasminebegum A.	Microstrip patch antenna with high gain and dual bands for secure 5G communication	2024	Artificial Intelligence, Blockchain, Computing and Security - Proceedings of the International Conference on Artificial Intelligence, Blockchain, Computing and Security, ICABCS 2023	1			539	543	Conference paper
2510	Udayakumaran G.; Krishnamoorthy Gandhi T.; Raju R.; Bansal R.; Kukade J.; Barpha V.; Saxena K.K.; Panchal S.M.; Bhavani B.	Study of phase equilibrium of refractory high-entropy alloys using the atomic size difference concept for turbine blade applications	2024	High Temperature Materials and Processes	43	1	20240006			Article
2511	Santhi Mary Antony A.; Sumithra J.; Rayudu K.; Dhanalakshmi G.; Agilesh Saravanan R.; Kavitha A.; Ravindra G.; Malini K.V.	Dynamic and Model Predictive Controllers for Frequency Regulation of an Isolated Micro—Grid with Electrical Vehicles and the ESS Integration	2024	Electric Power Components and Systems	52	3		426	444	Article
2512	Chandrika V.S.; Kumar N.M.G.; Kamesh V.V.; Shobanadevi A.; Maheswari V.; Sekar K.; Logeswaran T.; Rajaram A.	Advanced LSTM-Based Time Series Forecasting for Enhanced Energy Consumption Management in Electric Power Systems	2024	International Journal of Renewable Energy Research	14	1		127	139	Article
2513	Prabu R.T.; Shibu S.; Thillaigovindan A.; Charulatha G.; Divya N.; Vijayakumar S.; Emam H.H.A.	Relative intensity noise management and thermal/shot noise control for high speed ultra high bandwidth fiber reach transmission performance	2024	Journal of Optical Communications						Article
2514	Kadam A.K.; Krishna K.H.; Varshney N.; Deepak A.; Pokhariya H.S.; Hegde S.K.; Patil V.H.	Design of Software Reliability Growth Model for Improving Accuracy in the Software Development Life Cycle (SDLC)	2024	International Journal of Intelligent Systems and Applications in Engineering	12	1s		38	50	Article

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2515	Savarimuthu L.J.; Victor K.; Davaraj P.; Pushpanathan G.; Kandasamy R.; Pushpanathan R.; Vinayagam M.; Barathy S.; Sivakumar V.	Solar Energy Prediction Based on Intelligent Predictive Controller Algorithm	2024	Pertanika Journal of Science and Technology	32	S1		69	92	Article
2516	Kanade A.; Ranganthan C.S.; Jyothi Babu A.; Ramachandran G.; Kusuma A.K.; Anand M.; Lokeswar Reddy D.V.	Analysis of wireless network security in internet of things and its applications	2024	Indian Journal of Engineering	21	55	e1ije1675			Article
2517	Rajasekhar E.S.K.; Nayeem A.R.J.; Patil V.S.; Mounika K.; Patil S.L.; Srivastava S.; Tiwari G.	Unveiling the Molecular World: A Narrative Review on Data Science and Visualization in Chemical Sciences	2024	Asian Journal of Chemistry	36	12		2744	2754	Review
2518	Kulkarni S.D.; Raman R.; Sutaria K.K.; Mishra N.; Sujatha S.; Nandagopal V.	Personalized Smart Grocery Delivery with IoT Technology Using Collaborative Filtering Algorithms	2024	2024 11th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2024						Conference paper
2519	Srinivasan M.; Radha K.; Priya V.; Basha S.M.; Ravi S.	Auto-Detection of Handwritten Text Documents using Improved Image Processing Technique	2024	2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024						Conference paper
2520	Balamurugan M.; Rajaram G.; Kumar K.D.; Putt P.; Shlaka R.A.; Al-Qaisy S.A.; Jaafar A.H.M.	A Design of HFMCD Model to Establish the Sustainable Healthcare System	2024	2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024				368	371	Conference paper
2521	Shrote A.B.; Kiran Kumar K.; Kaur C.; Al Ansari M.S.; Singh P.; Hazela B.; Madhu G.C.	Monitoring of operational conditions of fuel cells by using machine learning	2024	EAI Endorsed Transactions on Internet of Things	10					Article
2522	Yogi K.S.; Gowda V D.; Manoj Kumar S.B.; Nithya R.; Begum A.Y.; Suganthi.n	Enhancing Healthcare Delivery Through IoT Applications in Remote Patient Monitoring and Telemedicine	2024	Proceedings of NKCon 2024 - 3rd Edition of IEEE NKSS's Flagship International Conference: Digital Transformation: Unleashing the Power of Information						Conference paper
2523	Prabakar S.; Kumar A.; Jayakarthik R.; Venkatesh D.; Pratheeba R.S.; Khan B.	Empirical Evaluation of Stock Market Prediction System using Intelligent Learning Scheme with Data Processing Logic	2024	Proceedings - 2024 5th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2024				290	297	Conference paper
2524	Li S.; Tarakaramu N.; Khan M.I.; Sivakumar N.; Narayana P.V.S.; Abdullaev S.; Tamam N.; Eldin S.M.	Enhanced heat transfer and fluid motion in 3D nanofluid with anisotropic slip and magnetic field	2024	Open Physics	22	1	20230131			Article
2525	Shibu S.; Khodaei A.; Kishore Kumar A.; Nallathambi G.S.; Pullasetty R.M.; Mannepalli S.; Ferdous A.H.M.I.; Ahammad S.H.; Rashed A.N.Z.	High efficient employment of hybrid space division multiplexing/time division multiplexing techniques in active/passive optical transparent networks	2024	Journal of Optics (India)						Article
2526	Ranganathan C.S.; Riazulhameed A.A.M.A.; Nandagopal V.; Mohankumar N.; Saju Raj T.; Muthulekshmi M.	Neural Networks for Effective Member Density Monitoring in IoT-Enabled Smart Fitness Centers	2024	2024 Asian Conference on Intelligent Technologies, ACOIT 2024						Conference paper
2527	Rajangam J.; Lakshmanan A.P.; Rao K.U.; Jayashree D.; Radhakrishnan R.; Roshitha B.; Sivanandy P.; Jyothi Sravani M.; Pravalika K.H.	Bell Palsy: Facts and Current Research Perspectives	2024	CNS and Neurological Disorders - Drug Targets	23	2		203	214	Review
2528	Sheela M.S.; Venkateswarlu M.; Donald C.; Kadiri P.; Al-Hameed M.R.; Safi H.; Saadoun O.N.	The Development of ID System for Detecting Attacks in WSN Through Ontology Method and its Strategy	2024	2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024				391	394	Conference paper
2529	Gopalan A.; Arulmozhi A.K.; Pandian M.M.; Mohanadoss P.; Dorairajan N.; Balaji M.; Taher A.M.	Performance parameters estimation of high speed Silicon/Germanium/InGaAsP avalanche photodiodes wide bandwidth capability in ultra high speed optical communication system	2024	Journal of Optical Communications						Article
2530	Nimma D.; Somasekhar Srinivas V.K.; Gupta S.S.; Nair H.; Devi R.L.; Bala B.K.	Comparative Analysis of Deep Learning Models for Multilingual Language Translation	2024	2024 8th SLAAI - International Conference on Artificial Intelligence, SLAAI-ICAI 2024						Conference paper
2531	Antony A.S.M.; Pradeep J.; Arigela S.H.; T R.; Elangovan P.; Reddy M.R.; A S.G.; Rajaram A.	Energy Storage Systems Using Renewable Energy for Systems With Grid Integration	2024	International Journal of Renewable Energy Research	14	1		166	175	Article
2532	Mohankumar N.; Visumathi J.; Vidhya S.; Dhayalan V.; Nandagopal V.; Srinivasan S.	Support Vector Machine for Reliable Voltage Fluctuation Detection and Compensation in Industrial IoT Networks	2024	2nd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2024 - Proceedings				150	155	Conference paper
2533	Nadanakumar V.; Loganathan P.; Ayyanar S.; Mohan M.; Rajesh M.; Godwin John J.; Mahesh R.; Sachthanathan B.; Mohan S.R.	Abrasive Water Jet Drilling On AZ91D/ZrB2 Composite - The Preliminary Study	2024	Sustainable Civil Infrastructures				81	90	Conference paper
2534	Leon M.L.; Mohanadoss P.; Selvam A.K.; Balamurugan K.; Gunasekaran R.; Divya N.; Kumar C.R.; Ferdous A.H.M.I.; Rashed A.N.Z.	High modulation depth and high modulated power with low noise figure for high speed modulation optical communication system performance signature	2024	Journal of Optics (India)						Article
2535	Wekalao J.; Mandela N.; Selvam A.K.; Venugopal S.; Ravi D.; Pandian P.; Babu A.J.; Leon M.L.; Rashed A.N.Z.	Graphene Metasurface Based Biosensor for COVID-19 Detection in the Terahertz Regime with Machine Learning Optimization using K-Nearest Neighbours Regression	2024	Plasmonics						Article

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2536	Suresh H.R.; Harsavarthini K.R.; Mageswaran R.; Praveena H.D.; Gnanaprakasam C.; Priya C.S.L.	An Integrative Computational Intelligence for Robust Anomaly Detection in Social Networks	2024	Iraqi Journal for Computer Science and Mathematics	5	3		735	755	Article
2537	Begum A.Y.; Krishnamoorthy R.; Gaikwad A.T.; Malarvizhi N.; Rao D.S.; Adinarayana N.	Visionary Text Recognition System for Assisting the Visually Impaired in Identifying Medicines and Products with Hybrid Deep Learning	2024	3rd International Conference on Automation, Computing and Renewable Systems, ICACRS 2024 - Proceedings				1369	1374	Conference paper
2538	Gowda D.V.; Tanguturi R.C.; Srinivas I.V.; Kumari T.S.; Chandak S.; Reddy N.S.	A Novel IoT Framework for Smart Agriculture Using Machine Learning Algorithms	2024	2024 Asian Conference on Intelligent Technologies, ACOIT 2024						Conference paper
2539	Dankan Gowda V.; Pathak D.; Prasad K.D.V.; Srinivas V.; Manu Y.M.; Reddy N.S.	Scalable Machine Learning Frameworks for Large-Scale Multimodal Image and Speech Signal Processing	2024	8th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2024 - Proceedings				1693	1699	Conference paper
2540	Ragupathi K.; Paramasivam P.M.; Rao V.V.G.; Leon M.L.; Raja A.; Chandana B.H.; Prabu R.T.; Rashed A.N.Z.; Ferdous A.H.M.I.	Estimated time dispersion and delay through free space optics transceiver communications performance signature in the presence of adverse atmospheric conditions	2024	Journal of Optics (India)						Article
2541	Swathi Pai M.; Cheekati V.; Prasad V.N.; Prasad K.D.V.; Ali S.M.; Tarigonda H.	IoT-Driven Predictive Maintenance for Energy-Efficient Industrial Systems	2024	2024 5th International Conference for Emerging Technology, INCET 2024						Conference paper
2542	Nagababu K.; Vanathi A.; Ratheesh R.; Nalini C.; Karthikeyan G.; Vinnarasi F.S.F.	Traffic Congestion Reduction Using Fuzzy Optimization Scheme in Heterogeneous Vehicular Communication Network	2024	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024						Conference paper
2543	Shobug M.A.; Noor K.S.; Sagaya Raj A.G.; Ramkumar G.; Padmanaban P.; Mallan S.; Ferdous A.H.M.I.; Bani M.M.; Rashed A.N.Z.	Fuel quality assurance based on hybrid hexagonal circular hollow core PCF sensing through management of terahertz region operation	2024	Journal of Optics (India)						Article
2544	Ramkumar G.; Rajasekaran V.; Sivaraman D.; Arumugam S.; Praveena H.D.; Prathima S.; Zahran A.A.	Comparative analysis of high index core micro structured optical fibers (HIMSOF) and hollow core band gap fibers (HCBGF) performance efficiency in fiber communication system	2024	Journal of Optical Communications						Article
2545	Sreelakshmy R.; Donald C.; Rajaram G.; Putta P.; Thajeel S.K.; Hameed H.; Zaidan D.T.	The Integration of HMS using IOMT and CE Through ANFIS	2024	2024 4th International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2024				445	449	Conference paper
2546	Kumar M.S.; Medasani S.; Sura P.R.; Addepalli T.; Rao J.C.S.; Kumar J.P.; Swamy B.Y.V.N.R.; Siridhara A.L.	DESIGN OF IMPLANTABLE ANTENNAS FOR BIOMEDICAL APPLICATIONS	2024	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	83	7		29	43	Article
2547	Khandan K.L.; Kumar N.M.G.; Krishnasami U.; Kirubakaran K.; Vinoth K.; Kaliappan S.; Maguluri L.P.; Rajaram A.	Enhanced Predictive Model for Grid Stability Using Hybrid GBM-LSTM Approach	2024	International Journal of Renewable Energy Research	14	1		111	126	Article
2548	Sahoo S.; Lingaraj V.; Vimalraj S.L.S.; Prahalathan G.; Krishnamoorthi V.; Leon M.L.; Gopalan A.; Upadhyay A.; Rashed A.N.Z.	A novel doped broad band solar cell configuration for the optimization of photovoltaic performance for optimum conversion efficiency and fill factor	2024	Journal of Optics (India)						Article
2549	Dhanalakshmi P.; Garladinne R.; Kavitha E.; Akram P.S.; Sheela A.; Taqui S.N.; Al-Ammar E.A.; Wabaidur S.M.; Iqbal A.	Performance Measurement of HVAC Systems with Integrated Phase Change Materials Using Fuzzy Logical Controller	2024	Electric Power Components and Systems	52	3		356	363	Article
2550	Sivanesan T.M.; Mohankumar N.; Shibu N.V.; Nandagopal V.; Rajasekaran B.; Srinivasan S.	Real-time Agrochemical Management Solutions using Cloud Computing and K-Nearest Neighbors Algorithm	2024	8th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2024 - Proceedings				705	710	Conference paper
2551	Krishna Kumari R.; Gireesh N.; Bhavani R.; Sathish K.; Senthil G.A.; Praveena S.	Implementation and deployment of the integration of IoT devices in the development of GIS in the cloud platform	2024	Artificial Intelligence, Blockchain, Computing and Security - Proceedings of the International Conference on Artificial Intelligence, Blockchain, Computing and Security, ICABCS 2023	2			77	81	Conference paper
2552	Srivastava A.; Nimma D.; Thote D.; Siva Nageswara Rao G.; Kala K.L.; Jangir P.	EXPERIMENTAL INVESTIGATION AND MACHINE LEARNING MODELS USED TO INVESTIGATE THE SELF-COMPACT FIBRE REINFORCED GLASS FIBRE REINFORCEMENT	2024	Journal of Environmental Protection and Ecology	25	7		2291	2302	Article
2553	Pushpavalli M.; Dhanya D.; Kulkarni M.; Rajitha Jasmine R.; Umarani B.; RamprasadReddy M.; Garapati D.P.; Yadav A.S.; Rajaram A.	Enhancing Electrical Power Demand Prediction Using LSTM-Based Deep Learning Models for Local Energy Communities	2024	Electric Power Components and Systems						Article
2554	Nagaraj K.; Karthikeyan A.; Velmurugan G.; Muthukumar M.; Devanesan S.; Edozie O.; Kamalesu S.; Subramanian R.; Raja K.; Rameshkumar S.	Synthesis, Crystal Structure, and Computational Investigation of Zinc–Cytosine Coordination Complex: Insights From Molecular Docking, ADME Prediction, HOMO-LUMO, and MEP Analysis	2025	Applied Organometallic Chemistry	39	6	e70215			Article
2555	Sambana B.; Nnadi H.S.; Wajid M.A.; Fidelia N.O.; Camacho-Zuñiga C.; Ajuzie H.D.; Onyema E.M.	An efficient plant disease detection using transfer learning approach	2025	Scientific Reports	15	1	19082			Article
2556	Dankan Gowda V.; Vijay C.R.; Renu; Kumar N.M.G.; Samal R.	Advancing e-waste management: Integrative methods and practices	2025	Integrated Approaches for Sustainable E-Waste Management				53	74	Book chapter

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2557	Pinto J.C.; Marimuthu S.; Rajendran P.; Natarajan M.; Murugesan R.	Computational Analysis of Blended Winglet Designs to Reduce the Wake Turbulence on the Airbus A380 Wingtip	2025	Eng	6	4	68			Article
2558	Rao K.C.; Nataraj D.; Chakradhar K.S.; Ujwala G.V.; Sudhir B.; Lakshmunaidu M.; Dadi H.S.	An Integrated Dual Antenna for Multi-Band Satellite Communication Applications	2025	Engineering, Technology and Applied Science Research	15	3		23707	23713	Article
2559	Dogiparthi L.K.; Bukke S.P.N.; Thalluri C.; Thalamanchi B.; Vidya K.P.; Sree G.N.; Tatiparthi H.; Uppicherla D.; Thummaginjala K.P.	The role of genomics and proteomics in drug discovery and its application in pharmacy	2025	Discover Applied Sciences	7	6	552			Review
2560	Sarankumar R.; Elshafie H.; Mubarakali A.; Ashokkumar N.	Hybrid Graphene-MXene-Gold Metasurface Biosensor with Machine Learning Integration for High-Sensitivity Brain Tumor Detection	2025	Journal of the Electrochemical Society	172	5	57517			Article
2561	Utpal B.K.; Mokhfi F.Z.; Zehravi M.; Sweilam S.H.; Gupta J.K.; Kareemulla S.; Ronald Darwin C.; Rao A.A.; Kumar V.V.; Krosuri P.; Prasad D.; Khan S.L.; Roy S.C.; Rab S.O.; Alshehri M.A.; Emran T.B.	Resveratrol: A Natural Compound Targeting the PI3K/Akt/mTOR Pathway in Neurological Diseases	2025	Molecular Neurobiology	62	5		5579	5608	Review
2562	Suresh K.; Parimalasundar E.; Arunraja A.; Ellappan V.; Ware E.T.	Design and Implementation of universal converter using ANN controller	2025	Scientific Reports	15	1	3501			Article
2563	Karunanidhi D.; Raj M.R.H.; Rao N.S.; Subramani T.	Fuzzy logic model based health hazard appraisal for perchlorate rich groundwater used as drinking source in Arjunanadi River basin, Southern India	2025	Journal of Hazardous Materials Advances	18		100747			Article
2564	Cherapanamjeri J.; Narendra Kumar Rao B.	Detection of partially occluded area in face image using U-Net model	2025	IAES International Journal of Artificial Intelligence	14	3		1863	1869	Article
2565	Ghamya K.; Reddy Madhavi K.	Internet of medical things-based ECG monitoring for arrhythmia classification utilizing metaheuristic optimization with ensemble deep learning model	2025	Cluster Computing	28	6	369			Article
2566	Gogineni A.; Kale R.V.; Roy S.; Modi P.; Kumar P.	Spatial assessment of snow cover patterns in the Sutlej River Basin using machine learning approaches and remote sensing data	2025	Physics and Chemistry of the Earth	140		103996			Article
2567	Ali D.; shah F.; Asadullah; Javeed S.; Ayesha U.; Abdullaeva B.S.; Gupta M.; Tarakaramu N.	Numerical investigation of a fractional order differential human papillomavirus model using time delay neural network	2025	Partial Differential Equations in Applied Mathematics	14		101196			Article
2568	Dhinakaran D.; Edwin Raja S.; Ramathilagam A.; Vennila G.; Alagulakshmi A.	Ethical and legal challenges with IoT in home digital twins	2025	MethodsX	14		103409			Review
2569	Vinodhini V.; Vijayakanth V.; Brahadeeswaran S.; Tamizhselvi R.; Chintagumpala K.	Superparamagnetic heating and cytotoxicity properties of bimagnetic core-shell nanoparticles ligated with different dispersants	2025	Applied Physics A: Materials Science and Processing	131	6	444			Article
2570	Bommy M.; Moorthy K.S.; Amalraj M.A.J.; Krishnaveni S.; Rani D.L.; Anand M.C.J.; Sudhakar M.; Ramkumar R.	Advanced Feature Learning for Multi-Scenario Rankings: The Maria Framework for Product Recommendations	2025	AIP Conference Proceedings	3270	1	20238			Conference paper
2571	Khanna S.T.; Raorane S.; Ramaprakash C.; Pushpalatha A.P.; Saikia U.; Monikarchana Y.	Explainable artificial intelligence and fuzzy MCDM approach in location selection of roadside units in vehicular networks with economic efficiency	2025	Networking, Transport, and Quality of Service in Vehicular Networks				27	46	Book chapter
2572	Nagarajan P.; Wekalao J.; Ashokkumar N.; Patel S.K.	Design and Analysis of a Plasmonic Metasurface-Based Graphene Sensor for Highly Sensitive and Label-Free Detection of COVID-19 Biomarkers	2025	Plasmonics	20	4		2109	2121	Article
2573	Chowdam V.S.; Potladurty S.B.; karipireddy P.R.	Design and evaluation of clock-gating-based approximate multiplier for error-tolerant applications	2025	Memories - Materials, Devices, Circuits and Systems	9		100123			Article
2574	Pratap B.; Paswan R.K.; Kumar P.	Mechanical and micro-characterization of alkali-activated concrete under high-temperature exposure	2025	Structural Concrete	26	2		1911	1923	Article
2575	Nandini P.S.V.; Madala S.; Basamma S.; Gnana Kiran M.; Satyanarayana J.V.; Shivanarayana Ch.; Sri Sravan V.; Dhamodhara Naidu M.; Keerthi M.; Krishna Jyothi N.; Rao M.C.	Structural and Thermal Studies of NaNO3-based Polymer Electrolytes for Battery Applications	2025	ECS Journal of Solid State Science and Technology	14	5	53003			Article
2576	Pulabaigari L.S.; Sivakumar C.	Sentiment Analysis and Evolutionary Multimodal Autoencoders for Enhanced Stock Market Volatility Prediction Using Macroeconomic Indicators	2025	International Journal of Engineering Trends and Technology	73	4		56	69	Article
2577	Pullaiah C.P.; SP P.P.; SK P.; Nemapallli Y.; Birudala G.; Lahari S.; Vippamakula S.; Shakila R.; Ganjayi M.S.; Mitta R.	Exploring Withanolides from Withania somnifera: A Promising Avenue for Alzheimer’s Disease Treatment	2025	Current Pharmacology Reports	11	1	14			Review
2578	Nirosha U.; Vennila G.	Enhancing crop yield prediction for agriculture productivity using federated learning integrating with graph and recurrent neural networks model	2025	Expert Systems with Applications	289		128312			Article
2579	Rahaman M.; Das M.; Alam S.; Salahshour S.; Mondal S.P.	Metric Space and Calculus of Type-2 Interval-Valued Functions	2025	Journal of Uncertain Systems	18	2	2450018			Article

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2580	Tabita G.; Reddy P.U.	Interline hybrid continuous converter impedance control-based tuning filter: effective harmonic suppression in DG-integrated electrical power grid	2025	Electrical Engineering	107	5		5501	5510	Article
2581	Kumar P.; Gogineni A.; Ammarullah M.I.	Sustainable bioengineering approach to industrial waste management: LD slag as a cementitious material	2025	Discover Sustainability	6	1	242			Article
2582	Kaliyaperumal R.; Nagaraj K.; Shah M.; Hessini K.; Kasilingam T.; Kumaravel T.; Gokulan R.; Meenakshisundaram Balasubramaniam L.; Nakshatra U.; Sam S.	Synthesis, Optical properties, Engineered BiO-BaO Nanocomposite: a High-Performance Material for Antimicrobial, Antioxidant, and Biomedical Applications	2025	BioNanoScience	15	3	382			Article
2583	Hemalatha V.; Roupal S.; Nagasubramanian V.; Dev B.; Rajendran S.D.	Activated leukocyte cell adhesion molecule/CD166 as a non-invasive biomarker in women with breast cancer	2025	Clinical Epidemiology and Global Health	33		101974			Article
2584	Haque R.; Rahaman M.; Alam S.; Behera P.K.; Mondal S.P.	Generalized neutrosophic Laplace transform and its application in an EOQ model with price and deterioration-dependent demand	2025	OPSEARCH	62	2		550	582	Article
2585	Sivaperumal N.; Jothimani G.; Stonier A.A.; Peter G.; Arun V.; Ganji V.	Enhanced one stage interleaved PFC Cuk configuration-based EV charger with reduced components	2025	Computers and Electrical Engineering	126		110497			Article
2586	Imran S.M.; Monikarchana Y.; Thakur M.K.; Anand M.C.J.; Anitha N.; Tiwari M.	Multi-criteria approaches in selecting optimal vehicle-to-vehicle communication protocols	2025	Networking, Transport, and Quality of Service in Vehicular Networks				151	173	Book chapter
2587	Kavitha G.; Manikandan A.; S P.; Raja G.M.; Krupakaran R.L.; Balasubramanian D.; Nguyen V.Q.; Hoang A.T.; Femilda Josephin J.S.; Alharbi S.A.; Varuvel E.G.	Thermodynamic and emission analysis of waste plastic oil fuelled diesel engine with Ce-Al catalyst-based catalytic converters – An experimental study	2025	Process Safety and Environmental Protection	197		106997			Article
2588	Karri V.S.S.K.; Kathirvel S.; Dinesh Kumar J.; Manohara M.; Madhavarao S.; Sharma V.; Bohidar S.K.; Sivasubramanian G.	Investigation on the Mechanical and Thermal Properties of Hemp/Polyester Composites with Integrated Zirconium Dioxide (ZrO2) Nanoparticles	2025	AIP Conference Proceedings	3270	1	20253			Conference paper
2589	Patnaik R.K.; Kamesh M.R.; Nagamalleswari D.; Ramya G.; Surendar V.; Velumayil R.; Sudhakar M.; Vijayan V.	Enhancing Solar Still Performance with Jute Cloth Wicks: A Comparative Study of Absorber Geometries	2025	AIP Conference Proceedings	3270	1	20212			Conference paper
2590	Kaliyaperumal R.; Nagaraj K.; Badgujar N.P.; Kasilingam T.; Poovan V.; Kumaravel T.	Enhanced Antimicrobial Activity of Bismuth Oxide Doped Copper Oxide Nanocomposites Synthesized via Co-Precipitation: Influence of Composition and Morphology	2025	BioNanoScience	15	3	399			Article
2591	Cheepati K.R.; Reddy V.M.K.; Prasad A.; Kamalakkannan S.; Parimalasundar E.; Dharmaparakash R.	Design and Implementation of a Photovoltaic Solar Powered Ice Cube Making Machine for off Grid Applications	2025	SSRG International Journal of Electrical and Electronics Engineering	12	5		23	31	Article
2592	Nath P.; Mishra S.K.; Jha A.V.; Appasani B.; Pati A.K.; Verma V.K.; Nsengiyumva P.; Srinivasulu A.	Neural network backstepping control of OWC wave energy system	2025	Scientific Reports	15	1	7983			Article
2593	Parimalasundar E.; Muthukaruppasamy S.; Sendil Kumar S.; Dharmaparakash R.; Jayakumar S.; Nageswara Prasad T.	A Novel Modified Multilevel Inverter for Improved Performance in Renewable Energy Systems	2025	SSRG International Journal of Electrical and Electronics Engineering	12	5		138	152	Article
2594	Ezhilvannan P.; Padmavathi A.V.; Hani U.; Dhote V.P.; Kumar B.H.; Singh A.R.	A novel switched-capacitor multilevel inverter for efficient voltage level generation	2025	Bulletin of Electrical Engineering and Informatics	14	3		1735	1745	Article
2595	Ramalingam S.; Subramanian M.; Kumar B.S.; Rushma S.; Tarakaramu N.; TRIGUI A.; Yuldashev F.; Saidani T.; Khan M.I.	Blockchain-enhanced optimization for a secure and transparent global energy supply chain with reduced environmental impact and cost	2025	Egyptian Informatics Journal	30		100647			Article
2596	Rathinasabapathi G.; Kushwah R.; Sudha D.; Viswanathan T.; Das A.; Manohara M.; Monika; Sudhakar M.	Enhanced Air-Water Interface Solar Heating Using Electrochemically Reduced WC Nanotubes on Titanium Gauze: Implications for Industrial Photothermal Applications	2025	AIP Conference Proceedings	3270	1	20258			Conference paper
2597	Veeresh K.C.; Banker K.; Sharmila L.; Manohara M.; Prasad V.V.; Jaiganesh V.; Rajendiran M.; Prasad A.R.	Erosion Resistance Evaluation of WC and NiCr Coatings on SS316 Steel in Hydro Machinery Applications: An HVOF Spraying Approach	2025	AIP Conference Proceedings	3270	1	20261			Conference paper
2598	Ranjitha B.; Thakur M.K.; Tiwari M.; Anitha N.; Manshath A.; Imran S.M.	Machine learning for optimal matching management techniques with vehicular network communication models	2025	Networking, Transport, and Quality of Service in Vehicular Networks				69	86	Book chapter
2599	Subbarayan K.; Garikapati B.; Chinnavel S.; Sarveshwaran V.	Deep learning and blockchain-based secure authentication protocol for privacy protection in cloud environments	2025	Peer-to-Peer Networking and Applications	18	4	209			Article
2600	Kim H.; Thirumalaisamy K.; Venkatadri K.	Computational analysis of magnetohydrodynamic buoyancy-driven flow and thermal transmission within a circular dome-shaped porous enclosure using finite difference scheme	2025	International Journal of Numerical Methods for Heat and Fluid Flow	35	5		1642	1679	Article
2601	Kaliyaperumal R.; Nagaraj K.; Kasilingam T.; Kumaravel T.; Gokulan R.	Synthesis, Characterization, and Multifunctional Bioactivity of Cadmium Oxide-Modified Graphitic Carbon Nitride (CdO/G-C3N4) Nanocomposites for Biomedical Applications	2025	BioNanoScience	15	3	402			Article

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2602	Haindavi P.; Madhu B.; Ganesh D.; Gogula S.; Vanam M.; Kumar S.	Implementation of YOLO8 for Real-Time Object Recognition and Tracking for Visually Impaired	2025	AIP Conference Proceedings	3157	1	70014			Conference paper
2603	Satheesh Kumar P.; Pala Prasad Reddy M.; Muqthiar Ali S.; Devaraju T.	Optimizing energy management strategy for fuel cell hybrid electric vehicles: A hybrid FBPINN-MGO Approach	2025	Renewable Energy	253		123159			Article
2604	Saikia U.; Anand C.J.; Kenneth C.R.; Thivyarathi R.C.; Sharda P.; Ranjitha B.	Machine learning in estimating vehicular efficiency with special focus on customer acquisition and retention	2025	Networking, Transport, and Quality of Service in Vehicular Networks				131	149	Book chapter
2605	Rupa M.C.; Ramani K.	Hybrid Approaches for Advanced Medical Text Summarization: Combining TF-IDF, BERT, and Seq2Seq Models	2025	Advance Sustainable Science, Engineering and Technology	7	3	250301			Article
2606	Reddy K.V.V.; Reddy D.V.; Rao M.V.N.; Satyanarayana T.V.V.; Babu T.A.	An Efficient Target Recognition Model Based on Radar–Vision Fusion for Road Traffic Safety	2025	Transactions on Emerging Telecommunications Technologies	36	5	e70156			Article
2607	Singh A.R.; Sujatha M.S.; Kadu A.D.; Bajaj M.; Addis H.K.; Sarada K.	A deep learning and IoT-driven framework for real-time adaptive resource allocation and grid optimization in smart energy systems	2025	Scientific Reports	15	1	19309			Article
2608	Chalivendula S.R.; Tarigonda H.	Recent Advances in Organic Phase Change Materials for Thermal Energy Storage: A Review on Sustainable Development Applications	2025	International Journal of Thermophysics	46	6	88			Article
2609	Shanthi C.; Porselvi R.; Basi Reddy A.; Ganesan S.	Optimizing Indoor Localization and Tracking: An Energy-Efficient Approach Using Received Signal Strength and Mixstyle Neural Networks With Implicit Unscented Particle Filtering	2025	International Journal of Communication Systems	38	7	e70069			Article
2610	Gouthamsri S.; Srikanth B.; Raju V.; Basamma S.; Narendrudu T.; Kiran M.G.; Samudrala V.; Rajesh V.; Anusha G.; Babu K.M.; Singh B.	A lead-free flexible piezoelectric nanocomposite nanogenerator, utilizing a hybrid approach based on high-performance synthesized NBT-BCZT nanopowders	2025	Applied Physics A: Materials Science and Processing	131	5	388			Article
2611	Paul K.; Jyothi B.; Kumar R.S.; Singh A.R.; Bajaj M.; Hemanth Kumar B.; Zaitsev I.	Optimizing sustainable energy management in grid connected microgrids using quantum particle swarm optimization for cost and emission reduction	2025	Scientific Reports	15	1	5843			Article
2612	Kumar Y.B.K.; Divya A.; Dhanalakshmi R.; Ouladsmame M.; Sangaraju S.; Gonuguntla V.; Minnam Reddy V.R.; Chalapathi U.	Phase evolution in AgSbS2 thin films synthesized via a two-stage process	2025	Materials Research Bulletin	189		113430			Article
2613	Vijayasairam L.; Ganesh D.; Gogula S.; Reddy L.U.; Kodirekka A.; Pathani A.	A System for Automatically Managing Indoor plants by using Novel Deep Learning Mechanisms	2025	AIP Conference Proceedings	3157	1	30001			Conference paper
2614	Ramasekhar G.; Jakeer S.; Reddy S.R.R.; Sai A.A.; Durgaprasad P.; Sajidha S.A.; Shukla P.; Prakash P.	SEMI-ANALYTICAL APPROACH OF RHEOLOGICAL PROPERTIES OF BLOOD/SILVER-GOLD HYBRID NANOFLUID FLOW IN A CIRCULAR DISK: APPLICATION TO THE HUMAN CIRCULATORY SYSTEMS	2025	Journal of Mechanics in Medicine and Biology	25	4	2450050			Article
2615	Prabakaran G.; Udhaya Sankar S.M.; Anusuya V.; Jaya Deepthi K.; Lotus R.; Sugumar R.	Optimized disease prediction in healthcare systems using HDBN and CAEN framework	2025	MethodsX	14		103338			Article
2616	Venkatadri K.; Rajarajeswari P.; Anwar Bég O.; Ramachandra Prasad V.; Leonard H.J.; Kuharat S.	Thermomagnetic Bioconvection Flow in a Semitrapezoidal Enclosure Filled with a Porous Medium Containing Oxytactic Micro-Organisms: Modeling Hybrid Magnetic Biofuel Cells	2025	ASME Journal of Heat and Mass Transfer	147	5	51201			Article
2617	Vijayakumar P.; Dahayat A.K.; Jagadesan A.; Kamalakannan J.; Karthick L.; Nagamalleswari D.; Vijayan V.	Improving Solar Still Productivity with Pebbles and Ceramic Tiles: An Analysis of Thermal Efficiency and Water Yield	2025	AIP Conference Proceedings	3270	1	20209			Conference paper
2618	Venkatadri K.; Rajeswari V.R.; Santhosh N.; Leung H.-H.; Kamalov F.; Prasad V.R.; Sivaraj R.	Heat transfer optimization on convective flow of various fluids inside an enclosure with curved heat source	2025	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik	105	5	e70020			Article
2619	Antony Raj G.S.R.; Jayabal R.; Buramoorthi P.; Veeruchinnan R.	Constant temperature line identification on prototype gas turbine combustor with multi-colour change coating	2025	International Journal of Turbo and Jet Engines	42	2		423	432	Article
2620	Edwin Raja S.; Sutha J.; Elamparithi P.; Jaya Deepthi K.; Lalitha S.D.	Liver Tumor Prediction using Attention-Guided Convolutional Neural Networks and Genomic Feature Analysis	2025	MethodsX	14		103276			Article
2621	Ramani K.; Suneetha I.; Pushpalatha N.; Harish P.	GuardianMeds: Empowering elderly care with IoT medication monitoring	2025	Ambient Assisted Living (AAL) Technologies: Transitioning from Healthcare 4.0 to Healthcare 5.0				40	54	Book chapter
2622	Sahay S.; Biswal S.R.; Shankar G.; Jha A.V.; Appasani B.; Srinivasulu A.; Nsengiyumva P.	Optimized placement of distributed generators, capacitors, and EV charging stations in reconfigured radial distribution networks using enhanced artificial hummingbird algorithm	2025	Scientific Reports	15	1	11144			Article

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2623	Durgawale T.P.; Rajashakar V.; Gupta J.K.; Banu S.S.; Galla S.H.; Singh J.; Rao A.A.; Prasad P.D.; Chaudhari P.B.; Mortuza M.R.; Sweilam S.H.; Asiri M.; Amin M.A.; Utpal B.K.; Mohammad B.D.	Phytochemical-Based Drug Discovery for Breast Cancer: Combining Virtual Screening and Molecular Dynamics to Identify Novel Therapeutics	2025	Chemistry and Biodiversity	22	6	e202402864			Article
2624	Singh M.K.; Rahul A.K.; Tiwari R.; Paul S.; Kumar V.; Maurya S.C.; Saha S.	On Dynamic Response of Polarized Shear (SH) Waves in Self-Reinforced Materiel	2025	AIP Conference Proceedings	3185	1	20036			Conference paper
2625	Reddy K.T.K.; Dharmamoorthy G.; Devi D.V.; Vidiyala N.; Bagade O.M.; Elumalai S.; Dantinapalli V.L.S.; Kasimedu S.	Phytoconstituent-Based Green Synthesis of Nanoparticles: Sources and Biomedical Applications in Cancer Therapy	2025	Asian Journal of Green Chemistry	9	3		329	354	Review
2626	Saikia U.; Ranjitha B.; Ramaprakash C.; Anand M.C.J.; Anjana V.A.; Agarwal M.	Enhancing vehicular communication through neutrosophic queueing theory and network analysis-based traffic signal optimization	2025	Networking, Transport, and Quality of Service in Vehicular Networks				1	25	Book chapter
2627	Prabakar D.; Krishna K.H.; Prabhu D.; Femila L.	Classification of intrusion using Multi-Stream Generative Adversarial Networks in Wireless Sensor Networks	2025	Peer-to-Peer Networking and Applications	18	2	67			Article
2628	Ramaraju S.; Vairavan C.; Manigandan K.	Digital Dystopia: The Challenges and Opportunities for the Budding Mariners in the Present Scenario	2025	Journal of Maritime Research	22	1		192	196	Article
2629	Kaliyaperumal R.; Nagaraj K.; Kasilingam T.; Kumaravel T.; Gokulan R.; Rajkumar S.; Senthilnathan S.; Selvaraj S.; Muddana S.; Govindasamy R.S.	Synthesis, Characterization, and Antimicrobial Evaluation of NiO/CdO/ZnO Nanocomposites with Morphological and Structural Insights	2025	BioNanoScience	15	3	387			Article
2630	Sailaja G.; Rao B.N.K.	EEG Based Sentiment Classification Using XGBoost: A Machine Learning Approach for Emotion Recognition	2025	Journal Europeen des Systemes Automatises	58	4		853	861	Article
2631	Suresh K.; Parimalasundar E.; Arunraja A.; Ellappan V.; Ware E.T.	High-efficiency stepdown/step-up converter for series-connected energy storage system	2025	Scientific Reports	15	1	7726			Article
2632	Venkat Reddy D.; Nageswara Rao M.V.; Satyanarayana T.V.V.; Aravinda Babu T.; Reddy K.V.V.	A lightweight FPGA accelerator for onboard processing of hyperspectral anomaly detection based on optimized TinyYOLOv3 model	2025	Integration	104		102443			Article
2633	Gnanasangeetha D.; Ashok Kumar P.; Gopalakrishnan K.; Nixon Samuel Vijayakumar G.; Chandramauli A.; Manohara M.; Subba Reddy T.; Palanikumar B.	Development and Characterization of PALF-Reinforced Nanocomposite with Polyester and Coconut Shell Nanopowder Matrix for Advanced Applications	2025	AIP Conference Proceedings	3270	1	20249			Conference paper
2634	Ganesan V.; Chohan J.S.; Damodharan A.; Paramasivam P.; Maranan R.	High-performance biocomposites: leveraging lotus fiber and waste Kigelia pinnata fruit shell biochar for enhanced mechanical and fire-retardant properties	2025	Polymer Bulletin	82	9		3927	3961	Article
2635	Khan Y.; Singh P.K.; Anjum A.; Sivakumar K.K.; Gupta S.; Mishra S.	Exergy-energy, economic and environmental evaluation of a solid oxide fuel cell based trigeneration system using double effect vapor absorption refrigeration system	2025	International Journal of Refrigeration	174			343	358	Article
2636	Jahnavi P.; Indirabanu S.; Chellappan R.D.; Mubeen M.I.B.K.; Bodapati A.; Dharmamoorthy G.; Pandiyan B.; Reddy K.T.K.	Supercritical Fluid Extraction: A Green and Sustainable Approach for the Isolation of High-Value Compounds from Natural Sources	2025	Asian Journal of Green Chemistry	9	5		605	629	Review
2637	Selva Kumar V.; Mohan Raj K.R.; Gopalakrishnan S.; Vennila G.; Dhinakaran D.; Kavitha P.	Adaptive distributed honeypot detection network for enhanced cybersecurity against DoS and DDoS attacks	2025	Results in Engineering	26		105521			Article
2638	Lakshmi C.V.; Sireesha M.; Venkatadri K.; Fazuruddin S.; Arigela S.	Natural convection of nanofluid flow in a porous enclosure with isothermal heated plate: A Tiwari and Das nanofluid model	2025	International Journal of Thermofluids	27		101238			Article
2639	Thottempudi P.; Konduru R.M.; Valiveti H.B.; Kuraparthi S.; Kumar V.	Digital health resilience: IoT solutions in pandemic response and future healthcare scenarios	2025	Discover Sustainability	6	1	144			Review
2640	Das M.; Rahaman M.; Alam S.; Jana D.K.; Salameh A.A.; Al Sulaie S.; Yin H.; Ahmadian A.	Pareto improvement in a dual-channel closed-loop supply chain system by integrating product sustainability and consumer focus	2025	Socio-Economic Planning Sciences	99		102182			Article
2641	Kadiri P.; Nikita M.; Anusha P.; Santhi K.	A machine learning approach to playing-11 prediction in competitive cricket	2025	AI and Machine Learning Applications in Sports Analytics				157	171	Book chapter
2642	Bodagala S.R.; Samathoti P.	ADVANCEMENTS IN SMART WEARABLE PATCH SYSTEMS FOR ENHANCED WOUND HEALING	2025	Journal of Applied Pharmaceutical Research	13	2		1	19	Article
2643	Selvakumar P.; Sankpal U.; Manjunath T.C.; Shashank G.; Thrinath B.V.S.; Seenivasan S.	Supercapacitors	2025	Innovations in Next-Generation Energy Storage Solutions				573	597	Book chapter
2644	Rangasamy S.; Sudhakaran S.; Vijayakumar A.	Power System Stability Improvement Using Bio - Inspired Modified Tyrannosaurus Optimizer Tuned SSSC Controller	2025	AIP Conference Proceedings	3279	1	20161			Conference paper
2645	Kumar P.; Gogineni A.; Kumar A.; Modi P.	A Comparative Analysis of Machine Learning Algorithms for Predicting Fundamental Periods in Reinforced Concrete Frame Buildings	2025	Iranian Journal of Science and Technology - Transactions of Civil Engineering	49	3	110765	2257	2276	Article
2646	Uppalapati S.; Panchagnula J.S.; Vishnu Vardhana Naidu B.; Vemanaboina H.; Paramasivam P.; Yusuf M.	Thermally induced residual stresses in SS321 welded joints using CO2 laser beam: FEA and experimental study	2025	AIP Advances	15	6	65114			Article

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2647	Srinivasan S.A.; Musthafa B.; Vardhana Naidu B.V.; Kumar M.S.	Optimization and experimental investigation on CI engine characteristics fuelled with low carbon alcohols and juliflora biodiesel blends: A RSM approach	2025	Fuel	388		134542			Article
2648	Samathoti P.; Kumarachari R.K.; Bukke S.P.N.; Rajasekhar E.S.K.; Jaiswal A.A.; Eftekhari Z.	The role of nanomedicine and artificial intelligence in cancer health care: individual applications and emerging integrations—a narrative review	2025	Discover Oncology	16	1	697			Review
2649	Krishna K.H.; Shavkatov N.; Murthy A.; Hussein M.A.; Hassan A.M.	Enhancing organizational systems with brain-computer interface technologies	2025	Concepts and Applications of Brain-Computer Interfaces				339	354	Book chapter
2650	Shariff V.; Kumar N.P.; Ashokkumar N.; Mandala S.K.; Ajmeera M.; Tirumanadham N.S.K.M.K.; Chiranjeevi P.	SGB-IDS: A SWARM GRADIENT BOOSTING INTRUSION DETECTION SYSTEM USING HYBRID FEATURE SELECTION FOR ENHANCED NETWORK SECURITY	2025	Journal of Theoretical and Applied Information Technology	103	11		4519	4531	Article
2651	Das S.; Rahul A.K.; Saha S.; Singh M.K.; Kumar V.; Hameed S.; Gupta S.	Historical Survey on Hirotas Bilinear Method and Soliton Solutions: Application on Manufacturing Processes	2025	AIP Conference Proceedings	3185	1	20030			Conference paper
2652	Gavarraju L.N.J.; Sandhya K.; Singasani T.R.; Pulugu D.; Vatsavai L.S.K.; Bajjuri U.R.; Vatambeti R.	A deep learning framework for ECG Arrhythmia classification using GAM-ResNet18 and Namib beetle optimization-based domain adaptation	2025	International Journal of Advanced Technology and Engineering Exploration	12	126		803	818	Article
2653	Chitambar Rao K.; Nataraj D.; Chakradhar K.S.; Vinutna Ujwala G.; Lakshmunaidu M.; Dadi H.S.	Design of a Compact Millimeter Wave Antenna for 5G Applications based on Meta Surface Luneburg Lens	2025	Engineering, Technology and Applied Science Research	15	2		20722	20728	Article
2654	Prabu R.T.; Raja A.; Lingaraj V.; Shahila F.D.; Subha T.D.; Naresh G.; Ali F.M.	Various graded index plastic optical fiber performance signature capability with the optimum dispersion control for indoor coverage applications	2025	Journal of Optical Communications	46	2		299	306	Article
2655	Manjunath C.; Sasi A.; Chowdary Ch S.; Sharon Roji Priya C.; Naick B.R.; Macherla H.; Lella K.K.	Enhancing Glaucoma Detection in Fundus Images: A ResNet based Segmentation and Advanced ML Algorithms with Duck Pack Optimizer	2025	International Research Journal of Multidisciplinary Technovation	7	2		108	120	Article
2656	Sagaya Raj G.; Natarajan M.; Pasupuleti T.	Cutting-Edge Coating Materials for Dual Fuel Diesel Engines Using Acetylene Aspiration	2025	SAE Technical Papers						Conference paper
2657	Krishnamoorthy V.; Sivanantham S.; Akshaya V.; Nivedha S.; Depuru S.; Manikandan M.	A Novel Deep Learning Framework for Enhanced Glaucoma Detection Using Attention-Gated U-Net, Deep Wavelet Scattering, and Vision Transformers	2025	Journal of Electronics, Electromedical Engineering, and Medical Informatics	7	2		520	532	Article
2658	Pasupuleti T.; Natarajan M.; Raju D.; Kiruthika J.; Katta L.N.; Silambarasan R.	Revolutionizing Titanium Alloy Machining: ANFIS Model for Advanced Machining Performance Optimization	2025	SAE Technical Papers						Conference paper
2659	Natarajan M.; Pasupuleti T.; Palanisamy D.; Katta L.N.; Silambarasan R.	Optimization of Fusion Deposition Modeling Parameters for PLA Material for Automobile Interior Using Taguchi Based TOPSIS Approach	2025	SAE Technical Papers						Conference paper
2660	Tarigonda H.; Kumar Y.B.K.; Kala L.K.; Krupakaran R.L.	Development of Composite PCM to Enhance Heat Transfer Rate with the Addition of Nanoparticles in Thermal Energy Storage	2025	SAE Technical Papers						Conference paper
2661	Sagaya Raj G.; Natarajan M.; Pasupuleti T.	An Integrated Material Science Approach to Evaluate the Viability of Ethoxy Ethane and Rubber Seed (Heavea Brasiliensis) Biodiesel as Sustainable Fuel for Compression Ignition Engines	2025	SAE Technical Papers						Conference paper
2662	Pasupuleti T.; Natarajan M.; Ramesh Naik M.; Silambarasan R.; Palanisamy D.	Optimization of Fused Deposition Modeling Using Taguchi-Based Grey Relational Analysis for TPU Used in Auto Parts	2025	SAE Technical Papers						Conference paper
2663	Ganesan V.; Chohan J.S.; Narayanamoorthy K.; Raja D.E.; Maranan R.; Nagaraj M.; Barmavatu P.	Efficient Removal of Malachite Green Dye and Antioxidant Properties, Mechanical Analysis of Chitosan Film Dopped with Biosynthesized Iron Nanoparticle from Moringa Oleifera Leaf	2025	Water, Air, and Soil Pollution	236	4	239			Article
2664	Usharani S.; Lakshmanan R.P.; Rajakumaran G.; Basu A.; Nandam A.D.; Depuru S.	Detection of location-specific intra-cranial brain tumors	2025	IAES International Journal of Artificial Intelligence	14	1		428	438	Article
2665	Lokesh G.; Baseer K.K.	A meta-heuristic approach-aided multi-objective strategy with optimal resource allocation via fault tolerant and priority-based scheduling for load balancing in cloud	2025	Wireless Networks	31	3		2419	2441	Article
2666	Uvaneshwari M.; Nandagopal K.; Shrivastava P.; Senthil K.A.; Balakrishna C.; Senthamil Selvan R.	Enhancing big data customer sentiment analysis with BERT-BiLSTM	2025	Elevating Brand Loyalty With Optimized Marketing Analytics and AI				1	17	Book chapter
2667	Mareddy P.L.; Reddy K A.; Katta L.N.; Siva Rami Reddy N.	Optimum Scheduling of a Multi-Machine FMS with Alternative Routing Using Crow Search Algorithm	2025	SAE Technical Papers						Conference paper
2668	Pasupuleti T.; Natarajan M.; Raju D.; Krishnamachary P.C.; Silambarasan R.	Optimization of Wire Electrical Discharge Machining Parameters for Invar 36 Material Using Regression Modeling	2025	SAE Technical Papers						Conference paper
2669	Sudhakar P.N.; Veparala V.K.	Design of GNRFET Ternary Circuits using Pass Transistor Logic (PTL)	2025	AIP Conference Proceedings	3237	1	60044			Conference paper

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2670	Girase S.B.; Kothavale B.S.; Kulkarni M.B.; Gholam N.; Radhakrishnan S.; Siva I.	Tribological assessment of rice paddy straw filled green modified phenol formaldehyde composites	2025	Engineering Research Express	7	1	15548			Article
2671	Vinodh N.; Subramani A.K.; Neeraja P.; Shoba K.B.	The future scope of leadership artificial intelligence smart electronics device based legal robotics industries	2025	International Journal of Basic and Applied Sciences	14	1		79	85	Article
2672	Younus M.; Bondalapati S.; Venkateswarlu V.; Valsa S.M.; Chakravarthy K.M.	Ameliorating potential of ethanolic extract of Terminalia paniculata bark on liver function biomarkers in experimental animals.	2025	Pravara Medical Review	17	1		79	84	Article
2673	Venkatadri K.	Magnetohydrodynamic Natural Convection in a Circular Dome-Shaped Enclosure	2025	Heat Transfer	54	2		1611	1622	Article
2674	Denis R.; Venkateswaran N.; Gangadharan S.; Shunmugasundaram M.; Chitanya G.; Girija M.S.; Satyanarayana Tallapragada V.V.; Vidhya R.G.	A Federated Learning and Blockchain Framework for IoMT-Driven Healthcare 5.0	2025	International Journal of Basic and Applied Sciences	14	1		246	250	Article
2675	Gupta D.K.; Jha A.V.; Sahu P.; Mohapatra S.; Dei G.; Appasani B.; Srinivasulu A.; Nsengiyumva P.	Load Frequency Control Analysis of Cyber-Physical Power System with Denial-of-Service Attack in Deregulated Power Markets	2025	Smart Grids and Sustainable Energy	10	1	22			Article
2676	Pasupuleti T.; Natarajan M.; Sagaya Raj G.; Silambarasan R.; Somsole L.N.	Process Parameter Prediction for Advanced Machining of Copper-Nickel Alloy Turbine Components	2025	SAE Technical Papers						Conference paper
2677	Ferdous A.H.M.I.; Khaton Z.; Sarker D.K.; Noor K.S.; Jebanazer J.; Krishnan K.; Naresh G.; Prabu R.T.; Rashed A.N.Z.	Next Generation Terahertz Biosensor Based Broadband Photonic Crystal Fiber for High Sensitivity Precision Kerosene Admixture Simultaneous Detection	2025	Brazilian Journal of Physics	55	1	6			Article
2678	Lella K.K.; Alluri S.; Chopparapu S.R.; Boddu N.; Jagadesh B.N.; Balakrishna N.; Reddy S.R.; Padma M.	ADVANCED AI- MACHINE LEARNING METHODS FOR IOT ENVIRONMENT ATTACK DETECTION USING MOUNTAIN GAZELLE OPTIMIZER WITH OPTIMAL DEEP BELIEF NETWORK	2025	Journal of Theoretical and Applied Information Technology	103	4		1279	1289	Article
2679	Pasupuleti T.; Natarajan M.; Kumar V.; Kiruthika J.; Katta L.N.; Silambarasan R.	Development of ANFIS Predictive Model for Additive Manufacturing (Fusion Deposition Modeling) of PETG Material for Automotive Components	2025	SAE Technical Papers						Conference paper
2680	Pasupuleti T.; Natarajan M.; Palanisamy D.; Silambarasan R.; Krishnamachary P.C.	Multi-Objective Optimization for Contemporary Drilling of Nimonic Alloy Using Taguchi-Grey Relational Analysis	2025	SAE Technical Papers						Conference paper
2681	Kumar Y.B.K.; Yb K.; Tarigonda H.; Reddy M S.S.	Preparation of Copper Antimony Sulfide Thin Film Solar Cells by Chemical Synthesis	2025	SAE Technical Papers						Conference paper
2682	Venkatadri K.; Dharmaiah G.; Balamurugan K.S.; Rama Prasad J.L.; Chamkha A.J.	Simulation of Hydromagnetic Williamson Nanofluid Flow with Melting Heat Transfer and Activation Energy Across a Porous Exponential Stretching Surface	2025	International Journal of Applied and Computational Mathematics	11	2	74			Article
2683	Pasupuleti T.; Natarajan M.; Ramesh Naik M.; Somsole L.N.; Silambarasan R.	Advanced AI Tools for Haste Alloy Machining: ANFIS Approach to Advanced Machining Optimization	2025	SAE Technical Papers						Conference paper
2684	Pasupuleti T.; Natarajan M.; Krishnamachary P.C.; Katta L.N.; Silambarasan R.	Grey Relational Analysis for Multi-Objective Optimization in Aerospace Machining of Titanium Grade 19	2025	SAE Technical Papers						Conference paper
2685	Noorbhasha R.; Natnael T.A.; Yathaluru M.	N-IDEALS OF ALMOST DISTRIBUTIVE LATTICES	2025	Algebraic Structures and their Applications	12	2		141	153	Article
2686	Kaliyaperumal R.; Nagaraj K.; Sakthikumar K.; Albeshr M.; Velmurugan G.	Green Synthesis and Characterization of ZnO/ α -Fe2O3 Nanocomposites Using Hydrocotyle umbellata Leaf Extract and Evaluation of Their Antimicrobial Properties	2025	Applied Organometallic Chemistry	39	4	e70121			Article
2687	Kumar B.M.; Chakradhar K.S.	Deep Learning Based Automated Detection of Arcus Senilis and Its Clinical Risks in Ocular Health	2025	International Journal of Computational and Experimental Science and Engineering	11	2		2171	2176	Article
2688	Kumar P.; Pratap B.; Sahu A.	Recycled aggregate with GGBS geopolymer concrete behaviour on elevated temperatures	2025	Journal of Structural Fire Engineering	16	1		118	137	Article
2689	Dinesh G.; Batakala J.; El-Ebiary Y.A.B.; Ashokkumar N.	IoT-based secured biomedical device to remote monitoring to the patient	2025	Artificial Intelligence and Cybersecurity in Healthcare Cyber Physical Systems				349	363	Book chapter
2690	Dhinakaran D.; Edwin Raja S.; Velselvi R.; Purushotham N.	Intelligent IoT-Driven Advanced Predictive Maintenance System for Industrial Applications	2025	SN Computer Science	6	2	151			Article
2691	Sagaya Raj G.; Krupakaran R.L.; Pasupuleti T.; Natarajan M.	Designing Next-Generation Piston Geometry for LPG Powered Spark Ignition Engines: An Integrated CFD and Experimental Approach	2025	SAE Technical Papers						Conference paper
2692	Reddy E.P.; Thangappazham H.R.; Patnaik N.; Duggina P.; Kumar K.L.; Varshney S.; Grover A.; Gupta P.; Mishra K.G.; Varikasuvu S.R.	Impact of metformin therapy on serum visfatin levels in polycystic ovary syndrome: a systematic review and randomized permuted meta-analysis	2025	Cellular and Molecular Biology	71	2		74	79	Article
2693	Ranjithkumar N.; Paul J.; Alagesan J.; Viswanathan R.	Comparative Effectiveness of Extracorporeal Short Wave Therapy, Low-level Laser Therapy, and Ultrasound in the Treatment of Rotator Cuff Tendinopathy	2025	Biomedical and Pharmacology Journal	18	1		849	866	Article
2694	Kala L.K.; Madhuri K.; Reddy D.; Tarigonda H.; Krupakaran R.L.; Tharehallimata G.; Naidu B.V.V.	Optimization of Machining Parameters Based on Desirability Function Analysis for Stir Casted Aluminium Hybrid Metal Matrix Composites	2025	SAE Technical Papers						Conference paper

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2695	Pasupuleti T.; Natarajan M.; Sagaya Raj G.; Silambarasan R.; Kiruthika J.	Optimization and Regression Modeling of Fused Deposition Modeling for TPU Material Used in Automotive Instrument Panels	2025	SAE Technical Papers						Conference paper
2696	Subramanyam M.; Mohit; Selvakumar P.; Aradhya S.G.B.; Gupta V.C.; Ajay S.	Measuring and assessing resilience capabilities within organizations	2025	Enhancing Resilience in Business Continuity Management				327	350	Book chapter
2697	Natarajan M.; Pasupuleti T.; Palanisamy D.; Kiruthika J.; Silambarasan R.	Smart Machining of Titanium Grade 7: ANFIS Application for Process Parameter Prediction	2025	SAE Technical Papers						Conference paper
2698	Natarajan M.; Pasupuleti T.; Navya C.; Kiruthika J.; Silambarasan R.	Predictive Grey-ANFIS Model for High-Precision Machining of Nimonic Alloy in Automobiles	2025	SAE Technical Papers						Conference paper
2699	Karunanidhi D.; Raj M.R.H.; Roy P.D.; Subramani T.	Integrated machine learning based groundwater quality prediction through groundwater quality index for drinking purposes in a semi-arid river basin of south India	2025	Environmental Geochemistry and Health	47	4	119			Article
2700	Kumar B.P.; Rao P.S.; Rao C.V.; Prakash P.	Parametric Optimization of Al2O3–ZrO2 (Y2O3) Based Self-Lubricating Composite Cutting Tools for Increasing Shear Angle and Tool Wear Reduction Using Grey-Taguchi Analysis	2025	Journal of The Institution of Engineers (India): Series C	106	1	105551	21	34	Article
2701	Syed M.S.; Prasanth B.V.; Kumaraswamy I.; Raju B.S.; Ramya P.S.; Rao Y.R.	Design and Economic Optimization of Microgrid	2025	E3S Web of Conferences	616		1009			Conference paper
2702	Natarajan M.; Pasupuleti T.; Kumar V.; Sagaya Raj G.; Krishnamachary P.C.; Silambarasan R.	Optimization of WEDM Parameters for Invar 36 Automotive Components Using Taguchi-Grey Relational Analysis	2025	SAE Technical Papers						Conference paper
2703	Vijayasimha A.; Avanija J.	AI-Driven Heart Disease Prediction Using Machine Learning and Deep Learning Techniques	2025	International Journal of Computational and Experimental Science and Engineering	11	2		2161	2170	Article
2704	Kishen Ajay Kumar V.; Sutraya S.; Sateesh Kumar Reddy C.; Roopa K.; Balakrishna N.; Sujatha G.	Shortest Path Orbit Prediction for Resilient LEO Satellite Networks to Navigating the Cosmos	2025	International Journal of Computer Information Systems and Industrial Management Applications	17			310	329	Review
2705	Pasupuleti T.; Natarajan M.; Kumar V.; Sagaya Raj G.; Krishnamachary P.C.; Silambarasan R.	Optimizing Titanium Alloy Grade 7 Machining with Grey Relational Analysis	2025	SAE Technical Papers						Conference paper
2706	Natarajan M.; Pasupuleti T.; Sagaya Raj G.; Silambarasan R.; Kiruthika J.	Performance Forecasting in Nickel Alloy Machining: A Study for Aerospace Engineering Applications	2025	SAE Technical Papers						Conference paper
2707	Reddy Madhavi K.; Soujanya K.L.S.; Inaganti R.; Swamy K.A.; Yalavarthi S.; Munagala M.	Brain Tumor Classification and Segmentation Using Transfer Learning from MRI Images	2025	International Journal of Computer Information Systems and Industrial Management Applications	17					Article
2708	Sathish T.; Kumar I.; Kulkarni M.; sathyamurthy R.; Ganesh R.S.; Reddy P.N.K.; Al-Enizi A.M.; Pandit B.; Gupta M.; Shahazad M.; Yusuf M.	Sustainable hydrogen production from waste of expired breads through supercritical water gasification	2025	International Journal of Hydrogen Energy	107			341	349	Article
2709	Purushotham N.; Avanija J.	Enhancing Colon Cancer Diagnosis Through Explainable Vision Transformer Architecture with Selective Kernel Learning and Multi-Objective Differential Evolution	2025	Ingenierie des Systemes d'Information	30	3		607	617	Article
2710	Chalapathi U.; Kumar Y.B.K.; Reddy N.P.; Alhammadi S.; Dhanalakshmi R.; Srinivas Reddy G.; El-marghany A.; Mohanarangam K.; Sangaraju S.; Minnam Reddy V.R.; Park S.-H.	Cu4SnS4 thin films fabricated by sulfurizing thermally evaporated Cu/Sn/Cu metal layers	2025	Physica B: Condensed Matter	699		416876			Article
2711	Rahaman M.; Chalishajar D.; Gazi K.H.; Alam S.; Salahshour S.; Mondal S.P.	Fractional Calculus for Type 2 Interval-Valued Functions	2025	Fractal and Fractional	9	2	102			Article
2712	Venkat Ratnam M.; Teja A.K.; Pramitha M.; Eswaraiah S.; Vijaya Bhaskara Rao S.	Climatology of meteor echoes and mean winds in the MLT region revealed by SVU meteor radar over Tirupati (13.63oN, 79.4oE): Long-term trends	2025	Advances in Space Research	75	6		4768	4785	Article
2713	Chakradhar K.; Nandagopal K.; Prashanthi V.; Parandhama A.; Somaiah T.; Thrinath B.V.S.; Tarakaramu N.; Rasool G.; Abduvalieva D.	MHD effect on peristaltic motion of Williamson fluid via porous channel with suction and injection	2025	Partial Differential Equations in Applied Mathematics	13		101103			Article
2714	Reddy V.K.; Rambabu V.; Mrudula G.; Prakash P.; Venkatesh D.J.; Mudunuri R.; Satyanarayana M.V.N.V.	Effect of shot peening on microstructural features, residual stress behavior, and hardness of aluminum alloy 2014	2025	Engineering Research Express	7	1	15527			Article
2715	Mabuni D.; Babu S.A.; Reddy C.S.	A new mathematical formula for finding cause and effect relationships in the data using a decision tree	2025	AIP Conference Proceedings	3162	1	20070			Conference paper
2716	Krupakaran R.L.; Sagaya Raj G.; Petla R.K.; Kala L.K.; Anchupogu P.	Enhancing Solar Still Productivity with Aluminium Oxide Nanoparticles and Phase Change Materials	2025	SAE Technical Papers						Conference paper
2717	Natarajan M.; Pasupuleti T.; Navya C.; Kiruthika J.; Silambarasan R.	Optimization and Regression Modeling of Fused Deposition Modeling for PLA Material for Vehicle Interior Applications	2025	SAE Technical Papers						Conference paper

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2718	Natarajan M.; Pasupuleti T.; Shanmugam L.; Katta L.N.; Silambarasan R.; Kiruthika J.	Optimization and Regression Modeling of Additive Manufacturing (Fused Deposition Modeling) of PETG Material for Automobile Applications	2025	SAE Technical Papers						Conference paper
2719	Natarajan M.; Pasupuleti T.; Sagaya Raj G.; Silambarasan R.; Somsale L.N.	Taguchi Based Grey Approach for Optimizing the Advanced Machining of Nickel Alloys in Manufacturing of Automotive Parts	2025	SAE Technical Papers						Conference paper
2720	Dogiparthi L.K.; Bukke S.P.N.; Pachipala M.; Lakkireddy N.; Sambareddy C.; Edagottu A.; Mapakshi B.; Shaik A.A.; Yadesa T.M.; Onohuean H.	Herbal Remedies for Urticaria: A Comprehensive Global Perspective on Traditional Practices, Efficacy, and Future Directions	2025	Natural Product Communications	20	2				Review
2721	Raja D.R.K.; Abas Z.A.; Kumar G.H.; Murthy C.R.; Eswari V.	Hybrid optimization algorithm for resource-efficient and data-driven performance in agricultural IoT	2025	Telkomnika (Telecommunication Computing Electronics and Control)	23	1		201	210	Article
2722	Narayan Y.; Sandhu M.; El-Ebiary Y.A.B.; Ashokkumar N.	Fuzzy interface drug delivery decision-making algorithm	2025	Artificial Intelligence and Cybersecurity in Healthcare Cyber Physical Systems				365	380	Book chapter
2723	Burada S.; Manjunathswamy B.E.; Kumar M.S.	Deep ensemble model for skin cancer classification with improved feature set	2025	Multimedia Tools and Applications	84	10		7599	7626	Article
2724	Natarajan M.; Pasupuleti T.; Kumar V.; Krishnamachary P.C.; Somsale L.N.; Silambarasan R.	Data-Driven Optimization of Titanium Grade 7 Machining for Automotive Applications	2025	SAE Technical Papers						Conference paper
2725	Gazi K.H.; Biswas A.; Singh P.; Rahaman M.; Maity S.; Mahata A.; Mondal S.P.	A Comprehensive Literature Review of Fuzzy Differential Equations with Applications	2025	Journal of Fuzzy Extension and Applications	6	1		134	161	Review
2726	Nguyen V.N.; Ganesan N.; Ashok B.; Balasubramanian D.; Anabayan K.; Lawrence K.R.; Tamilvanan A.; Le D.T.N.; Truong T.H.; Tran V.D.; Cao D.N.; JS F.J.; Varuvel E.G.	Eco-friendly perspective of hydrogen fuel addition to diesel engine: An inclusive review of low-temperature combustion concepts	2025	International Journal of Hydrogen Energy	104			344	366	Article
2727	Reddy K.T.K.; Rakesh K.; Prathyusha S.; Gupta J.K.; Nagasree K.; Lokeshvar R.; Elumalai S.; Prasad P.D.; Kolli D.	Revolutionizing Diabetes Care: The Role of Marine Bioactive Compounds and Microorganisms	2025	Cell Biochemistry and Biophysics	83	1		193	213	Review
2728	Reddy K.V.; Santarao K.; Kandi K.K.; Prakash P.; Janaki D.V.; Gudar K.R.	Fabrication of Fine-Grained Structure in Marine Structural Materials Via Friction Stir Processing to Sustain Marine Environments	2025	Journal of The Institution of Engineers (India): Series C	106	1		287	297	Article
2729	Kumar S.D.; Ebinezer M.J.D.; Ashokkumar N.	Implementation of clinical fuzzy-based decision supportive system to monitor renal function	2025	Artificial Intelligence and Cybersecurity in Healthcare Cyber Physical Systems				381	396	Book chapter
2730	Kumar Reddy K.T.; Naga Venkata Arjun U.V.; Alhmoud J.F.; Reddy S.M.; Dhilishree D.; Tambe V.B.; Shinde G.S.; Shanmugarajan T.S.; Dharmamoorthy G.; Gobalakrishnan P.	In Depth in Silico Exploration of Some Natural Indole Alkaloids as Potential Plasmepsin II Inhibitors: ADMET Calculations, Molecular Docking Analysis, Molecular Dynamics Simulation, and DFT Studies	2025	Chemical Methodologies	9	4		277	300	Article
2731	Jahnavi P.; Krishnan K.; Rajashakar V.; Burle G.S.; Reddy K.T.K.; Yeruva B.M.; Dharmamoorthy G.; Bagade O.M.	Organometallic Nanoparticulate Delivery: Synthesis, Properties, and Applications	2025	Journal of Applied Organometallic Chemistry	5	2		123	148	Article
2732	Kumar R.R.; Krishnan K.; Burle G.S.; Samathoti P.; Pavan Kumar J.; Bagade O.M.; Kumar Reddy K.T.; Jahnavi P.	Biochemical Engineering of Green Nanomaterials for Targeted Drug Delivery and Therapeutic Applications	2025	Journal of Chemical Reviews	7	2	JCR-2502-1413	191	215	Review
2733	Murugesan V.; Ganesan D.; Tarigonda H.	Effect of Hardening and Tempering Temperatures on the Mechanical Behavior of Alloy Steel	2025	SAE Technical Papers						Conference paper
2734	Tharani G.; Paul J.; Alagesan J.; Hari Krishnan N.	Investigating the effect of conventional physiotherapy training on muscle activity among diabetic neuropathy patients through wireless EMG: a pilot study	2025	Neuroscience Research Notes	8	1		381	389	Article
2735	Girish B.M.; Satish B.M.	Wear and Hardness of Multidirectionally Forged Silicon Carbide Reinforced ZA27 Alloy Composite Materials	2025	Materials Performance and Characterization	14	1		26	34	Article
2736	Kumar V.S.; Balamurugan R.; Pasupuleti T.; Natarajan M.	Performance Analysis of Conventional Two Wheeler versus Plug in Hybrid Electric Two Wheeler for Light Goods Transportation	2025	SAE Technical Papers						Conference paper
2737	Krupakaran R.L.; Petla R.K.; Anchupogu P.; Kala L.K.; Gangula V.R.; Tarigonda H.	Enhancing Flow and Heat Transfer Characteristics in Microchannels with Various Nanofluids	2025	SAE Technical Papers						Conference paper
2738	Arivendan A.; Chen X.; Zhang Y.-F.; Sumesh K.R.; Gao W.; Siva I.; Kavimani V.; Syamani F.A.; Thangiah W.J.J.	The effect of fibre length and content on Aloe vera and ramie fibre-reinforced epoxy hybrid composite properties	2025	Biomass Conversion and Biorefinery	15	7		10873	10884	Article
2739	Natarajan M.; Pasupuleti T.; Kumar V.; Kiruthika J.; Katta L.N.; Silambarasan R.	Development of AI Prediction Tool for Fused Deposition Modeling of ABS Material for Automobile Applications	2025	SAE Technical Papers						Conference paper
2740	Purnima K.; Kumar C.S.	Devising a comprehensive synthetic underwater image dataset	2025	Journal of Visual Communication and Image Representation	107		104386			Article
2741	Basi Reddy A.; Chythanya K.R.; Sharada K.A.; Selvan R.S.	Lightweight fuzzy logical MQTT security system to secure the low configured medical device system by communicating the IoT	2025	Artificial Intelligence and Cybersecurity in Healthcare Cyber Physical Systems				329	347	Book chapter
2742	Madhusudhan Reddy B.; Harisankar P.; Suresh Kumar G.; Meenakshi Reddy R.; Ananthakrishna N.; Mohan Reddy Y.V.	Enhancement of mechanical and structural characteristics through the hybridization of carbon fiber with Cordia-dichotoma/polyester composite	2025	Polymer Composites	46	2		1803	1814	Article

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2743	Natarajan M.; Pasupuleti T.; Palanisamy D.; Silambarasan R.; Krishnamachary P.C.	AI-Driven Optimization of Advanced Machining for Haste Alloy by ANFIS Method	2025	SAE Technical Papers						Conference paper
2744	Lakshmi B.; Kumar K.P.V.; Ashokkumar N.	Developing a soft computing fuzzy interface system for peptic ulcer diagnosis	2025	Artificial Intelligence and Cybersecurity in Healthcare Cyber Physical Systems				429	442	Book chapter
2745	Somsole L.N.; Natarajan M.; Pasupuleti T.; Katta L.N.; Vivekananda S.	Investigating Mechanical Properties of Jute Fiber and Alumina-Reinforced Epoxy Composites: Application of Taguchi and Grey Analysis for Automotive Components	2025	SAE Technical Papers						Conference paper
2746	Matrouk K.M.; Rasappan P.; Bhutani P.; Mittal S.; Nisha A.S.A.; Konduru R.M.	Development of Heuristic Strategy With Hybrid Encryption for Energy Efficient and Secure Data Storage Scheme in Blockchain-Based Mobile Edge Computing	2025	Transactions on Emerging Telecommunications Technologies	36	2	e70057			Article
2747	Pasupuleti T.; Natarajan M.; Ramesh Naik M.; Kiruthika J.; Silambarasan R.	Enhanced Aero Engine Components Manufacturing through Predictive Models for Cupronickel Machining	2025	SAE Technical Papers						Conference paper
2748	Prabu R.T.; Balakrishnan B.; Praveena H.D.; Vijayan T.B.; Xavier B.M.; Perumal E.; Zain W.F.H.	High modulation effects on hybrid optical fiber links and OWC Channel based on optical DP-QSK transceiver systems	2025	Journal of Optical Communications	46	2		365	373	Article
2749	Pasupuleti T.; Natarajan M.; Ramesh Naik M.; Silambarasan R.; Palanisamy D.	Advanced Parameter Forecasting for Titanium Grade 19 Machining in Automotive Applications	2025	SAE Technical Papers						Conference paper
2750	Harikrishna N.; Kumaraswamy I.	Reduced component Nine Level Inverter with Level Shifted Modulation Controls	2025	E3S Web of Conferences	616		3020			Conference paper
2751	Natarajan M.; Pasupuleti T.; Navya C.; Somsole L.N.; Silambarasan R.	Taguchi-Grey Hybrid Method for Enhanced Advanced Machining of Cupronickel Alloys	2025	SAE Technical Papers						Conference paper
2752	Prabu R.T.; Santhakumar D.; Kumar A.K.; Lalitha S.D.; Jebanazer J.; Mohan S.B.; Ahmed A.A.R.	Verified of leakage loss, birefringence, nonlinear parameters and total number of modes in silica/silica doped and plastic fibers for fiber system efficiency improvement	2025	Journal of Optical Communications	46	2		281	288	Article
2753	Dash S.K.; De B.P.; Appasani B.; Rout N.K.; Srinivasulu A.	Design of a optimized CMOS Differential Amplifier using Craziness-based PSO	2025	Journal of VLSI Circuits and Systems	7	1		26	31	Article
2754	Ganesh D.; Niveedha M.D.; Deepa M.; Harika G.; Rishitha Reddy G.; Sunil Kumar M.	Application of Hybrid Machine Learning Approaches for Effective Rainfall Prediction	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
2755	Bali K.Y.; Kumar N.A.	Implementation of FIR Filter Using Multiplexer Based Truncated Multiplier and Approximate Adders	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025				718	723	Conference paper
2756	Raghavendra Reddy C.; Retna Mony R.; Balamurugan N.; Parthu V.V.; Reddy G.C.; Maruthi Kumar P.	Application of Natural Language Processing to Explore Philosophical Themes in Nissim Ezekiel's Literary Works	2025	Lecture Notes in Networks and Systems	1247 LNNS			299	306	Conference paper
2757	Baseer K.K.; Karthik P.; Sheshendra M.; Sai N.S.; Jagadeesh M.; Mallikarjuna P.	Prediction of Diabetes During Pregnancy Through Fog Environment	2025	Communications in Computer and Information Science	1951 CCIS			231	246	Conference paper
2758	Naresh K.; Umapathi Reddy P.; Sujatha P.	Multimode Droop Regulator of DFIG in Wind Generator in Remote Application	2025	Lecture Notes in Networks and Systems	1247 LNNS			361	368	Conference paper
2759	Poojitha P.; Dharani M.	Convolutional neural networks: Based EEG signal fervor identification	2025	Security Issues in Communication Devices, Networks and Computing Models: Volume 2	2			38	43	Book chapter
2760	Nandagopal V.; Bhuvaneshwari R.; Purushotham K.; Rajesh kumar K.; Asif khan P.	Evaluation of PMDC, BLDC, and SRM Motors for Electric Vehicles with SoC and Range Analysis	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				828	835	Conference paper
2761	Penujuri R.; Praveena K.; Shaik M.B.; Korrapati V.S.C.; Aka D.	Design and validation of Mixed Logic 2-to-4 Decoders Using 32nm FinFET Technology	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				259	263	Conference paper
2762	Vijayakumar M.; Ramasamy M.; Arun V.; Agathiyan K.; Sudharsan R.; Vijay M.	PV Supported Inductive Hybrid UPQC for Power Quality Enhancement in Sensitive Power Supply Networks	2025	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025				462	468	Conference paper
2763	Chitteti C.; Yamuna M.; Srinath M.; Govardhan C.; Vignatha A.	Healthcare Insurance Fraud Detection Using Machine Learning	2025	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025				968	973	Conference paper
2764	Selvakumar R.K.; Rao K.V.; Saleem P.A.A.	An Innovative Image Enhancement Algorithm for Color Filter Array Images: A Novel Approach	2025	Lecture Notes in Networks and Systems	885			167	179	Conference paper
2765	Begum A.Y.; Sahil S.M.; Raju M.R.K.; Laya M.S.; Kalyan D.; Kamesh V.	Digital Twin-Based Smart Building Management System	2025	2nd International Conference on IT Innovations and Knowledge Discovery, ITIKD 2024						Conference paper
2766	Valluri A.; Lakshmi P.V.; Srinivasulu A.	Low-Power CNTFETBased Single-Ended Write Driver Circuit for SRAM Design	2025	Circuit Design for Modern Applications				215	227	Book chapter

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2767	Praveen Kumar D.; Deepthi H.; Aryasree B.; Devika D.; Kumar B.Y.; Venkatesh G.	Performance-Optimized EV Fast Charger using Bridgeless Switched-Inductor Cuk Converter and STSMC	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				447	451	Conference paper
2768	Shinde A.; Irulappasamy S.; Munde Y.S.; Gujjala R.	Characterization of carbon nanotube nanocomposite for aerospace materials to shield electromagnetic interference	2025	Aerospace Materials: Novel Technologies and Practical Applications				435	449	Book chapter
2769	Shobha M.; Kumar N.A.	Breast Cancer Diagnosis using Machine Learning: Challenges and Opportunities	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				1805	1811	Conference paper
2770	Pasha M.; Ata K.K.; Kishore V.V.	Optimized Ensemble Learning for Lung and Colon Cancer Classification using Histopathology Images from LC25000 Dataset	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				1874	1879	Conference paper
2771	Chitteti C.; Sravika M.; Ayesha S.; Naik D.S.; Kumar V.A.; Kumar M.P.	Real-Time Driver Drowsiness Detection Using Mobile Net for Road Safety Enhancement	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies				692	697	Conference paper
2772	Dharani M.; Bindu P.H.; Krishna V.M.; Adarsh P.; Aparna P.; Chengamma C.	Enhancing Women's Security with Real-Time Monitoring	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				345	350	Conference paper
2773	Saradhi K.; Davanam G.; Malchi S.K.	A Novel and Efficient Machine Learning Technique for Cleaning Q-Messy Data	2025	Lecture Notes in Electrical Engineering	1274	LNEE		1038	1043	Conference paper
2774	Sivakumar C.; Sravya M.; Balu C.; Prasanna B.L.; Vinay B.	Detecting and Reporting IoT Attacks using AI Models	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
2775	Lakshmi T.S.; Govindarajan M.; Srinivasulu A.	Embedding and Siamese deep neural network-based malware detection in Internet of Things	2025	International Journal of Pervasive Computing and Communications	21	1		14	25	Article
2776	Rajeswarappa G.; Venkata Sivaiah B.; Navya M.; Lasya Y.; Sameer S.M.; Varun Kumar V.	AutoMediVision:A Deep Learning System for Accurate Pharmaceutical pill identification	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
2777	Addepalli T.; Kumar G.N.; Rani C.J.; Koppala N.; Jetti C.R.; Kumar C.M.; Uppada R.; Kumar B.K.	A defected substrate 4-element mimo antenna with higher diversity characteristics for 5G sub 6 GHz N77/N78 band applications	2025	Wireless Networks	31	2	e22246	1931	1947	Article
2778	Sai Bandhavi M.S.; Gireesha Y.; Sree A.N.; Bhavya Sree Y.; Gutam B.G.	Simplifying Techniques For Speech Therapy With Cutting-Edge Application	2025	2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2025						Conference paper
2779	Sambana B.; Archana K.; Reddy S.I.S.; Basha S.M.J.; Karishma S.	Data Augmentation for Cognitive Behavioral Therapy: Leveraging ERNIE Language Models using Artificial Intelligence	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025				204	209	Conference paper
2780	Divya N.; Rao B.N.K.	Enhanced Brain Tumor Classification through an AI-Integrated Multi-Modal Imaging Approach	2025	Proceedings of the 3rd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, IITCEE 2025						Conference paper
2781	Prema K.; Sriharsha A.V.	On Hyperspectral Image Classification and Deep Learning	2025	Lecture Notes in Networks and Systems	1229	LNNS		220	228	Conference paper
2782	Divyashree D.; Dhanalakshmi P.	Prediction of Customer Interest in E-Commerce Data using Sentimental Analysis	2025	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025				1608	1614	Conference paper
2783	Bharaty K.S.; Konduri P.S.R.	Deep Learning-Driven Smart Signal Systems for Advanced Image and Video Processing in Urban Infrastructure	2025	Proceedings - 4th International Conference on Smart Technologies, Communication and Robotics 2025, STCR 2025						Conference paper
2784	Kumar D.P.; Mounika K.; Sathvika M.S.; Reddy M.J.V.; Harshith R.; Ahammed S.S.	Structured Buck-Boost Approach for Multi-Phase Power Conversion	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				527	531	Conference paper
2785	Shiny P.; Mary Swetha P.; Eliyas S.Md.; Subramanyam M.V.; Nagamani V.; AshokKumar N.	Ternary Adder and Multiplier Circuit Designs with GNRFET and RRAM Technologies	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				468	475	Conference paper
2786	Madhavilatha I.; Krishna K.H.	Federated Learning for Enhanced and Private Autism Spectrum Disorder Detection in Children Across Diverse Populations	2025	Proceedings of the 3rd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, IITCEE 2025						Conference paper
2787	Prathima C.; Babu G.M.; Koushik A.; Arjun P.; Manoharra S.; Mahesh Babu M.	Unified Image Similarity Detection Using Neural Networks and Feature Metrics	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper

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2788	Gupta P.K.; Chandana L.S.; Manoj O.P.; Avinash V.R.; Jayavardhan G.	Waste Detection in underwater using deep Vision Transformers	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
2789	Kumar K.A.; Sirisha O.; Jahnavi G.; Vali D.A.; Dikshitha G.; Roy D.L.	Agricultural Land Classification Based on Climatic Information Through Big Data	2025	Lecture Notes in Networks and Systems	1232 LNNS			420	427	Conference paper
2790	Rao B.N.K.; Shalini V.; Balaji K.; Kalyan P.V.S.	Automatic Number Plate Recognition for Motorcyclists Riding Without Helmet	2025	Lecture Notes in Intelligent Transportation and Infrastructure	Part F64			261	276	Book chapter
2791	Shareef D.K.; Jyothsna V.	Enhancing energy efficiency and reliability in wireless sensor networks using BioGAT optimization	2025	Indonesian Journal of Electrical Engineering and Computer Science	37	1		601	612	Article
2792	Pranav Kumar P.V.; Mahaboob Basha S.; Haritha R.; Renuka P.; Tharun P.	CMOS Ring Oscillator for Optimized 5G Mobile Communication Performance:Design and Analysis	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				570	574	Conference paper
2793	Dhanalakshmi P.; Reddy A.T.; Lokanandam D.; Saikumar D.; Shah B.K.	Heart Disease Prediction Using Machine Learning	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
2794	Shankara Murthy M.; Nagaraj S.K.; Prabhuraj A.; Maheswara Reddy P.	A new species of the genus Herpetogramma Lederer (Lepidoptera, Crambidae) from India	2025	Entomon	50	1		1	6	Article
2795	Prathima Ch.; Naresh K.; Chava A.; Makkala K.V.; Pasupula S.G.; Polavarapu V.	A Real Time Approach to Recognize Facial Expression Based on Scoring System for Restaurants	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies				576	581	Conference paper
2796	Sreelatha R.; Kumar N.P.; Basha S.J.; RajKumar K.; Neelima G.; AshokKumar N.	Crosstalk Analysis of MWCNT based Through Silicon Vias for Quaternary Logic Applications	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				295	299	Conference paper
2797	Divya N.; Vijay P.; Yaswanth T.; Lokesh U.; Venu T.	RF and IoT-Driven Automated Lane Clearance System for Enhanced Emergency Response	2025	IEEE International Conference on "Computational, Communication and Information Technology", ICCCI 2025				761	766	Conference paper
2798	Baseer K.K.; Siva Siddartha Reddy B.; Vishnuvardhan D.; Chandravathi K.; Abhishek L.; Karthikaa M.	Analysis on Stock Market Stream Data Using Kafka, AWS and PowerBI	2025	Communications in Computer and Information Science	1952 CCIS			338	353	Conference paper
2799	Kumar C.S.; Vyshnavi L.; Charitha T.; Reddy V.P.T.; Reddy V.N.; Reddy B.C.S.	Improving Threat Detection in Airport Security Inspections with X-ray Image Enhancement	2025	IEEE International Conference on "Computational, Communication and Information Technology", ICCCI 2025				325	330	Conference paper
2800	Petla S.T.; Chowdam V.S.; Ponkala P.; Nichenametla T.; Polturu P.	Comparative Analysis of Energy-Efficient Approximate Multiplier and Wallace Tree Multiplier for Error-Tolerant Applications	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				378	383	Conference paper
2801	Rao B.N.K.; Abhiram S.R.; Reddy M.M.; Shireen V.; Poojitha P.	Crafting Shopping Experiences Using Artificial Intelligence	2025	Synergy of AI and Fintech in the Digital Gig Economy				354	369	Book chapter
2802	Neelima K.; Hemalatha K.; Bhavana N.; Karthik P.; Kumar S.S.	Area and Power Efficient Modified Karatsuba Multiplier for Error-Free Cryptography Algorithms	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
2803	Subramaniam P.; Hari Krishnan G.	Fusion Learning Framework for Malignant and Benign Classification in Histopathology Images	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025				1692	1696	Conference paper
2804	Kumar J.; Starvin M.S.; Irulappasamy S.	Tribological assessment of two-phase aluminum/zirconia composites for aerospace applications	2025	Aerospace Materials: Novel Technologies and Practical Applications				209	226	Book chapter
2805	Balakrishna N.; Mukesh Krishnan M.B.; Ganesh D.	A Novel & Hybrid Algorithm for Real Time Depression Detection via EEG Analysis	2025	Proceedings of the 11th International Conference on Bio Signals, Images, and Instrumentation, ICBSII 2025						Conference paper
2806	Swetha S.; Sriharsha A.V.	A Federated Learning Methodology for Preserving Privacy in Healthcare Systems	2025	Lecture Notes in Networks and Systems	1229 LNNS			229	239	Conference paper
2807	Bharathi M.; Dharani M.; Sharvani D.; Suchi V.; Rushitha N.; Reddy Y.T.	Advanced UART Verification Framework Using UVM and SystemVerilog	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				235	240	Conference paper
2808	Rishitha G.; Chowdam V.S.; Gunnamreddy H.R.; Boddu A.; Halaharvi M.	Plant Leaf Disease Detection by Using MobileNet and Inception	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
2809	Irulappasamy S.; Dharmalingam S.; Starvin M.S.	Nanolubrication for aerospace alloys: interfacial analysis on Al7075 alloy under dry and nanolubricated abrasion	2025	Aerospace Materials: Novel Technologies and Practical Applications				61	72	Book chapter
2810	Tilaye G.; Palanivel H.; Sundramurthy V.P.; Kumar R.; Shah S.; Yeshitila A.; Baskar G.	Teff (Eragrostis tef) phytochemicals: Isolation, identification, and assessment of allelopathic and antimicrobial potential for pollution control and environmental sustainability	2025	Microbial Pathogenesis	199		107206			Article
2811	Aswanandini G.; Satyasai Chetan Kumar A.V.; Ravikishor A.; Chandra C.D.; Sudhakar Reddy N.	Pothole Detection Using Image Processing and Machine Learning	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
2812	Richard K.; Venkateswarlu M.; Gutam B.G.; Julian N.	Securing E-Commerce: Strategic Innovations in AI and ML-Based Data Security	2025	Lecture Notes in Networks and Systems	1241			47	55	Conference paper

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2813	Silpa C.; Gayathri A.; Balu P.C.; Bharath Kumar Reddy P.; Niranjan Reddy K.; Pranay Kumar M.	A System for Automatically Classifying Social Network Posts into Smart Cities Dimensions	2025	Communications in Computer and Information Science	1952 CCIS			387	401	Conference paper
2814	Ashreetha B.; Lavanya L.; Kumar K.V.; Lakshmi K.D.; Tharakeswar K.	Renovate Urban Outlook with AI: Renewable Planning for Smarter Cities	2025	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025				293	298	Conference paper
2815	Sambana B.; Devi K.G.; Reddy B.R.; Hussain G.M.; Siddartha G.	Hybrid Approach for Electricity Price Forecasting using AlexNet and LSTM	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025				1059	1064	Conference paper
2816	Kumar R.S.; Sushma M.; Bhasam P.; Kumar B.H.; Ravuri V.; Reddy G.K.	Predicting and Classifying Energy Usage Patterns Using Advanced Machine Learning Models	2025	2025 IEEE 14th International Conference on Communication Systems and Network Technologies, CSNT 2025				296	301	Conference paper
2817	Ansari S.A.T.	Subliminal Influence of Indian Ethos on Cross-Cultural Business Communication	2025	Business Management and Ethics: Insights from Indian Ethos				211	230	Book chapter
2818	Farook S.; Sai Thrinath B.V.; Venkatesh G.M.; Naveen G.; Naveen D.; Harshith B.	SMC CONTROLLER FOR PV POWERED EV CHARGING STATION USING ZETA CONVERTER	2025	2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2025						Conference paper
2819	Maheswari K.U.; Dhanalakshmi P.	GNN-Transformer Fusion for Enhanced Missing Child Identification	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
2820	Anusha K.; Madhavi K.R.	A Deep Learning Model for Accurate Multi-Modal Feature Fusion and Segmentation of Breast Cancer Nodules	2025	International Journal of Computer Information Systems and Industrial Management Applications	17		16	26	41	Article
2821	Ashreetha B.; Yadav T.S.K.; Sreedhar S.; Siddeswara V.M.; Sudharani O.	Optimized Text-to-Image Synthesis Using Stable Diffusion and the Diffusers Library	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				101	106	Conference paper
2822	Utpal B.K.; Sutradhar B.; Zehravi M.; Sweilam S.H.; Durgawale T.P.; Arjun U.V.N.V.; Shanmugarajan T.S.; Kannan S.P.; Prasad P.D.; Usman M.R.M.; Reddy K.T.K.; Sultana R.; Alshehri M.A.; Rab S.O.; Suliman M.; Emran T.B.	Cellular stress response and neuroprotection of flavonoids in neurodegenerative diseases: Clinical insights into targeted therapy and molecular signaling pathways	2025	Brain Research	1847		149310			Review
2823	Kumar D.L.; Anjaneyulu G.S.G.N.; Jalaja V.; Aju D.	Novel protocol for secure funds transfer over the internet using rotating elliptic curve encryption standard	2025	Journal of Integrated Science and Technology	13	4	1078			Article
2824	Narendra Kumar Rao B.; Taz S.S.	The metaverse as an educational tool: Enhancing learning with blockchain technology	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				297	312	Book chapter
2825	Kumar C.S.; Sagar P.L.; Kumar G.D.; Reddy C.H.; Krushna B.S.; Reddy C.M.	Drug Recommendation System Using Patient Reviews Based on Sentimental Analysis	2025	2nd International Conference on Machine Learning and Autonomous Systems, ICMLAS 2025 - Proceedings				1516	1522	Conference paper
2826	Narendra Kumar Rao B.; Bala Krishna N.; Varna C.P.	IoT, AI, and metaverse in smart healthcare systems: A review of recent advances and future trends	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				313	336	Book chapter
2827	Malchi S.K.; Davanam G.; Neelima P.; Sravanthi T.L.	A Systematic Review of Machine Learning Based Models for Early Diabetes Prediction	2025	Lecture Notes in Electrical Engineering	1274 LNEE			1065	1070	Conference paper
2828	Nikitha C.; Sushama C.	PRNet: A Novel Two-Stage Framework for Enhanced Personalized Recommendations Using GMM Clustering with CNN and Bi-GRU	2025	International Journal of Intelligent Engineering and Systems	18	5		718	732	Article
2829	Gadaparthi K.; Prakash P.	Effect of pore size and porosity on the thermal conductivity of alumina and zirconia-toughened alumina porous structures; [Effet de la taille des pores et de la porosité sur la conductivité thermique de structures poreuses en alumine et en alumine renforcée de zircone]	2025	Canadian Metallurgical Quarterly						Article
2830	Prathima Ch.; Venkatalakshmi S.; Puchakatla S.P.; Vyakaranam V.C.; Patnam L.; Nenavatha N.N.	A Deep Learning Approach For Detecting Earth's Surface Anomalies Using Satellite Imagery	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies				570	575	Conference paper
2831	Kanchi R.; Daram S.B.; Reddy C.J.	Development of Wind Turbine Blade Pitch Controller	2025	Lecture Notes in Networks and Systems	1247 LNNS			369	377	Conference paper
2832	Ravichand M.; Ganesh D.; Bhavana D.; Pragnavi C.; Lokeshwari B.; Vasavi B.	Hybrid Deep Learning Approach with Bi-LSTM and Bi-GRU for Effective Stock Price Prediction	2025	2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2025						Conference paper
2833	Dua T.; Kumawat R.; Singh N.; Sharma J.; Srinivasulu A.	High Speed Energy Efficient Latch Architectures for Sequential Circuit Design	2025	Journal of VLSI Circuits and Systems	7	1		56	65	Article
2834	Chakradhar K.S.; Likitha G.C.; Kumar G.D.; Rani B.; Babu A.S.	Comparative Analysis of Improved Decision Directed Carrier Phase Estimation Nonlinearity Mitigation of 16-QAM and 32-QAM	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper

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2835	HemaChandra S.; Ganesh H.; Bhavya Sree D.; Vaishnavi A.; Bukke C.N.; Golla S.R.	Performance Analysis of Neural Network in Electrical Load Forecasting	2025	Lecture Notes in Networks and Systems	1245 LNNS			363	374	Conference paper
2836	Chowdam V.S.; Harsha Reddy P.S.; Likhitha S.; Nazma S.; Sai P.E.	IoT-Enabled Smart Soil Monitoring System with Crop and Fertilizer Recommendations	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025				412	419	Conference paper
2837	Krishna M.B.; Kumar N.A.	Design and Analysis of Low Power High Speed Multi Bit Flip-Flop using Various Design Logics	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				288	294	Conference paper
2838	Manikandan N.; Thejasree P.	Advanced manufacturing systems and Industry 4.0	2025	Industry 4.0 for Manufacturing Systems: Concepts, Technologies, and Applications				42	53	Book chapter
2839	Sakhamoori D.; Hema Chandra S.	Predicting Carbon Dioxide Emissions from the Power Sector Using Artificial Neural Network	2025	2nd International Conference on Machine Learning and Autonomous Systems, ICMLAS 2025 - Proceedings				1878	1882	Conference paper
2840	Praveena H.D.; Babu G.V.; Yateesh J.M.S.; Guna D.; Krishna G.V.	Automated Helmet Detection and Fine Issuance System using YOLOv8 & OpenCV	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025				2241	2246	Conference paper
2841	Sundaramoorthy P.; Reddy G.V.; Kumar A.P.; Kumar I.K.; Tej B.V.; Vijayakumar A.	Review on Enhancing Electric Vehicle Performance and Sustainability through Advanced Motor Technology and Thermal Management	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025						Conference paper
2842	Ashokkumar N.; Neelamegam D.; Bharathi M.; Arun V.	Analysis of Cognitive Science and Learning Environments in Educational Institutions	2025	Journal of Engineering Education Transformations	38	3		101	114	Article
2843	Vali S.S.; Ashokkumar N.	Design of Low Power High Speed Flipflop using 18nm FinFET Technology	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				124	129	Conference paper
2844	Balamurugan N.; Raghavendra Reddy C.; Parthu V.V.; Chenna Reddy G.; Retna Mony R.; Maruthi Kumar P.	Implementation of Machine Learning-Assisted Group Discussions for Improving Spoken English Proficiency	2025	Lecture Notes in Networks and Systems	1231 LNNS			427	435	Conference paper
2845	Kumar M.S.; Charmi G.; Chandana Y.; Jaiyesh D.V.; Kartheek M.H.	Advanced Multimodal Deep Learning for Predicting Cognitive Decline in Alzheimer's Disease	2025	Proceedings - 4th International Conference on Smart Technologies, Communication and Robotics 2025, STCR 2025						Conference paper
2846	Balakrishna N.; Krishnan M.B.M.; Ganesh D.	Mindchrono: A Comparative Study of Deep Learning Models for Eeg-based Depression Detection	2025	Proceedings of the 11th International Conference on Bio Signals, Images, and Instrumentation, ICBSII 2025						Conference paper
2847	Madhavi K.R.; Soujanya K.L.S.; Inaganti R.; Swamy K.A.; Yalavarthi S.; Munagala M.	Brain Tumor Classification and Segmentation Using Transfer Learning from MRI Images	2025	International Journal of Computer Information Systems and Industrial Management Applications	17			42	55	Article
2848	Sundaramoorthy P.; Gari S.S.F.; Nayeem M.; Nandu P.; Mohan K.J.; Arun V.	Advanced Navigation and Payload Systems for Underground Drone Operations	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025						Conference paper
2849	Shilpa C.V.; Ashokkumar N.; Srinivas C.; Reddy G.K.C.; Gowd C.R.; Rao Y.M.	Energy-Efficient Routing Optimization for IoT-Based Multilevel Heterogeneous Wireless Sensor Networks using Firefly Algorithm and Hybrid Clustering	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				692	699	Conference paper
2850	Sathyavedu P.; Rao B.N.K.	Improving Cervical Cancer Recurrence Prediction Through Multi-Source Data Integration and Advanced Deep Learning Approaches	2025	3rd IEEE International Conference on Industrial Electronics: Developments and Applications, ICIDeA 2025						Conference paper
2851	Vaishnava Reddy Y.V.S.; Ganesh D.	An Extensive Analysis of Deep Learning Techniques for Improving Picture Encryption's Security & Data Embedding Capability	2025	Communications on Applied Nonlinear Analysis	32	15		249	261	Article
2852	Kavitha K.; Kumar S.S.; Kumar A.V.; Sankar P.S.S.; Koushik A.	Detecting Vehicles Number Plates using CNN and Particle Swarm Optimization	2025	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025				1256	1261	Conference paper
2853	Subbarayudu N.; Reddy M.G.; Sruthi M.V.; Tirumala C.N.V.; Dharani M.; Venkatakrishnamoorthy T.	Secure biometric authentication of E-Passport system	2025	Security Issues in Communication Devices, Networks and Computing Models: Volume 2	2			26	30	Book chapter
2854	Bharathi K.S.; Gupta Y.P.K.; VijaynagTangirala; Salvakkam D.B.; Yenugula Y.; Rakshitha M.	Enhancing Secure Mobility Predictions of MANET Nodes Through Adaptive Learning Techniques	2025	Lecture Notes in Networks and Systems	1230 LNNS			272	283	Conference paper
2855	Basha S.J.; Elbarbary A.; Mahmoud H.A.; Venkatramana P.	High Performance and PVT Variation Tolerant Design for a Ternary Multiplier Using GNRFET Technology	2025	Circuits, Systems, and Signal Processing			117452			Article
2856	Narendra Kumar Rao B.; Bhaskar Kumar Rao B.; Challa N.P.	Harnessing deep learning for the early detection of COVID-19 using chest X-rays	2025	Big Data Analytics and Intelligent Applications for Smart and Secure Healthcare Services				35	48	Book chapter

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2857	Tabassum S.; Bharathi M.; Peramasani N.; Nagadivya N.; Busetty B.; Syed A.S.	Enhancing IoT-Enabled Electric Vehicle Battery Performance Monitoring and Prediction using AI Techniques	2025	Proceedings of the 3rd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, IITCEE 2025						Conference paper
2858	Thejasree P.; Natarajan M.; Khan M.A.; Vempati S.; Yelamasetti B.; Dasore A.	Application of a hybrid Taguchi grey approach for determining the optimal parameters on laser beam welding of dissimilar metals	2025	International Journal on Interactive Design and Manufacturing	19	1		175	184	Article
2859	Kishore V.; Kalpana V.; Nalini C.; Gopi K.	Augmented Fusion Method for the Diagnosis of ILD and the Promotion of Better Clinical Results	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025				1563	1568	Conference paper
2860	Hemakumari K.; Rafee S.M.; Lakshmi C.V.; Dharani M.; Venkatakrishnamoorthy T.; Bindu E.H.	Efficient scalable binary counter using low-complexity sorting networks for VLSI applications	2025	Security Issues in Communication Devices, Networks and Computing Models: Volume 2	2			31	37	Book chapter
2861	Shinde A.; Munde Y.; Siva I.; Selvan C.P.; Deore S.; Bhosale A.	Investigation on Mechanical and Tribological Performance of Biodegradable Polylactic Acid (PLA)-Hemp Composite	2025	Signals and Communication Technology	Part F76			775	785	Book chapter
2862	Prabhakar T.; Chapa B.P.; Hariprasad K.; Madhavi K.R.	Retinal Blood Vessel Segmentation for Diagnosis of Diabetic Retinopathy	2025	Lecture Notes in Networks and Systems	1243 LNNS			373	383	Conference paper
2863	Prathima C.; Babu G.N.; Reddy B.R.; Kumar M.S.; Thousif S.; Vamsi P.	Smart Specs: Real-Time Object Detection through Embedded Vision	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
2864	Ganai A.H.; Hashmy R.; Khanday H.A.; Bhutani M.	IDT-Cascade: a novel information dissemination tree model for influential cascade detection in online social networks	2025	International Journal of Information Technology (Singapore)			129117			Article
2865	Prasanalakshmi B.; Anitha C.; Balamanigandan R.; Mahaveerakannan R.; Gade N.V.R.	Automated Classification and Segmentation of Brain Tumor Images using Backbone ResUNet Framework	2025	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings				1863	1869	Conference paper
2866	Balashanmuga Vadivu P.; Om Prakash P.G.; Karrothu A.; Sriramakrishnan G.V.	A novel skin cancer detection architecture using tangent rat swarm optimization algorithm enabled DenseNet	2025	Network: Computation in Neural Systems						Article
2867	Natnael Teshale A.; Rafi N.; Monikarchan Y.	v-ideals of Almost Distributive Lattice	2025	Palestine Journal of Mathematics	14	2		105	114	Article
2868	Venkatesh M.; Chiranjeevi S.V.; Kumar M.S.; Alam S.S.; Davanam G.; Malchi S.K.	Application of Multilingual OCR Algorithm for Converting Text from Images and PDFs	2025	Lecture Notes in Electrical Engineering	1274 LNEE			1025	1031	Conference paper
2869	Karunanidhi D.; Hari Raj M.R.; Prapanchan V.N.; Subramani T.	Predicting groundwater fluoride levels for drinking suitability using machine learning approaches with traditional and fuzzy logic models-based health risk assessment	2025	Geoscience Frontiers			102087			Article
2870	Sudha S.; Kakade K.S.; Ashokkumar N.; Degadwala S.	Machine Learning for Design Solutions of Reconfigurable Intelligent Surface Applications: Intelligent Surface Applications and Future Trends	2025	Applications and Challenges of Reconfigurable Intelligent Surfaces in 6G				169	199	Book chapter
2871	Arun V.; Dhanapal S.; Ravi V.; Sekar G.; Jayakumar T.; Vijayakumar M.	Double Boost Switched Capacitor Multi-Level Inverter with Modified VFPOD-PWM Control	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025				610	616	Conference paper
2872	Kumar C.S.; Bhavitha P.; Meghana K.; Prasad K.G.; Sathyanarayana D.; Snehaltha G.	AI-Driven Deep Learning for Automated Wheat Disease Detection	2025	IEEE International Conference on "Computational, Communication and Information Technology", ICCCIIT 2025				441	445	Conference paper
2873	Sireesha V.; Tallapragada V.V.S.; Naresh M.; Pradeep Kumar G.V.	EEG-BCI-based motor imagery classification using double attention convolutional network	2025	Computer Methods in Biomechanics and Biomedical Engineering	28	5		581	600	Article
2874	Prabhuraj P.; Rajakumar S.; Sonar T.; Ivanov M.; Nathan S.R.	Mathematical modelling and development of response surfaces to predict and analyze the salt fog corrosion resistance of friction stir welded AA7075-T651 alloy joints: effect of retrogression and reaging	2025	International Journal on Interactive Design and Manufacturing	19	1	16505	347	363	Article
2875	Ramana P.V.; Reddy G.J.; Krishna V.S.; Reddy Y.Y.; Reddy V.V.	A Hybrid Signal Denoising Approach using Wavelet Decomposition and Neural Network-based Thresholding	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				1400	1404	Conference paper
2876	Mahaveerakannan R.; Anitha C.; Saraswathi S.; Balamanigandan R.	Bi-Objective Optimization for Intelligent Microgrids: A DRL Approach with Rat Swarm Optimizer for Economic and Environmental Efficiency	2025	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025				375	382	Conference paper
2877	Prathima C.; Mahanandi Y.; Madhumitha K.; Haran K.H.; Manisha K.; Hanshith J.	Smart Fabric Inspection: Leveraging Deep Learning for Defect Detection	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
2878	Radhakrishnan P.; Anbarasi A.; Srujan Raju K.; Sai Thrinath B.V.	Detection of Colon Cancer Using Image Processing	2025	Cybernetics and Systems	56	5		498	510	Article

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2879	Sathwik A.S.; Rao A.K.; Saiteja B.; Madhavi K.R.; Doppalapudi A.; Amudha P.	Navigating Challenges in Creating Effective Chatbots with Natural Language Processing	2025	Lecture Notes in Networks and Systems	1246 LNNS			327	334	Conference paper
2880	Mohan J.S.S.; Sathwik A.S.; Ganesh M.N.V.S.; Tejaswi M.H.; Naseeba B.; Madhavi K.R.	Advancements in Handwritten Text Recognition and Correction: Bridging the Gap Between Analog and Digital Writing	2025	Lecture Notes in Networks and Systems	1246 LNNS			438	446	Conference paper
2881	Sateesh G.; Sana S.; Vara Prasad S.V.R.; Sambana B.	Facial Emotion Recognition Using Artificial Intelligence	2025	Springer Proceedings in Mathematics and Statistics	441			285	301	Conference paper
2882	Navaz K.; Yazhinian S.; Pillai N.M.; Purushotham N.	A Comparative Evaluation of Machine Learning Methods for Predicting Chronic Kidney Disease	2025	Communications in Computer and Information Science	2203 CCIS			116	125	Conference paper
2883	Mishra R.; Kumar N.M.G.; Singla A.; Gullapally R.	Assessing the Effects of 5Gon Electronics Engineering	2025	Recent Trends in Engineering and Science for Resource Optimization and Sustainable Development				92	95	Book chapter
2884	Tabita G.; Reddy P.U.	Design of interline hybrid continuous trans-impedance turns ratio controlled tuning power filter: New approach to suppress harmonics in energy system	2025	Electric Power Systems Research	238		111107			Article
2885	Reddy A.R.; Jaya Ranjan M.; Basi Reddy A.; Reddy Madhavi K.; Tangudu N.; Srihrasha A.V.	Combating Misinformation: Leveraging Machine Learning Ensemble Methods for Fake News Detection	2025	Lecture Notes in Networks and Systems	1232 LNNS			288	297	Conference paper
2886	Venkata Lakshmi C.; Aravapalli A.; Venkatadri K.; Anwar Bég O.; Ramachandra Prasad V.	IMPACT OF JOULE HEATING AND HYDRO-MAGNETIC EFFECTS ON MIXED CONVECTION IN POROUS CAVITY USING LATTICE BOLTZMANN METHOD	2025	East European Journal of Physics	2025	2		383	397	Article
2887	Prathima C.; Mahanandi Y.; Bhargavi M.M.; Teja G.S.; Gowripriya M.; Sai M.L.	Real-Time Identification of Medicinal Plants Using Deep Learning Techniques	2025	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings				1061	1067	Conference paper
2888	Godwinraj D.; Godfrey D.; Sundararaman P.; Nandagopal V.	Impact on Breakdown Voltage for AlGaN Channel E-HEMT Device used with the DC Boost Converter Circuit	2025	International Journal of Electrical and Electronics Research	13	1		50	54	Article
2889	Ganesh A.C.; Mohana R.; Vinod Kumar M.; Prem Kumar V.; Kirgizd M.S.	Geopolymer Bricks Using Industrial Wastes to Reduce CO2 Footprint	2025	Handbook of Innovative Adhesive Technology: Biodegradable and Cost-Effective Binder for Built Environment and Engineering Sciences				183	195	Book chapter
2890	Manikandan K.; Venkatesh P.; Pratyusha B.N.; Sarada K.; Singh A.R.	Smart Optimization for Environmental and Economic Dispatch with Renewable Energy Integration	2025	SSRG International Journal of Electrical and Electronics Engineering	12	1		9	16	Article
2891	Swaroop K.; S.B B.; Prasanthi S.; Goudanavar P.; Naveen N.R.; Sreeharsha N.; Meravanige G.; Asif A.H.	Pro Transfersome Loaded Gefitinib Novel Tablet for pulmonary drug delivery: Optimization and characterization	2025	Journal of the Indian Chemical Society	102	1	101520			Article
2892	Kamatchi Kannan V.; Muniraj C.; Sankarganesh R.; Parimalsundar E.; Thrinath B.V.S.; Ponmurugan P.	Electric Vehicle Fault Battery Analyzer Using Internet of Things	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025				706	710	Conference paper
2893	Kotha M.; Gopi A.; Balobaid A.; Mubeen S.; Mahalakshmi V.; Reddy Madhavi K.; Sanjana M.	Conversion of Prompt to Image Generation Using AI Generator	2025	Lecture Notes in Networks and Systems	1241			229	243	Conference paper
2894	Naveen K.; Peramalasetty R.; Joshna M.; Navaz K.; Jayasree L.; Madhavi K.R.	Navigating the E-Learning Landscape: A Systematic Evaluation of Website Performance Using the Weighted Sum Method	2025	Lecture Notes in Networks and Systems	1246 LNNS			419	428	Conference paper
2895	Naseeba B.; Sivaji U.; Purushotham N.; Umamaheswari R.; Challa N.P.; Madhavi K.R.	InsightBot: An Automated Text Summarization and Visualization Tool for Efficient Research Analysis	2025	Lecture Notes in Networks and Systems	1246 LNNS			399	407	Conference paper
2896	Bhanu Prakash P.; Venkata Lakshmi S.; Hendra Kumar R.; Lakshmi Kala K.; Santhi P.D.; Sunitha G.	Denoising Imagery: Speckle Noise Removal Using GANs	2025	Lecture Notes in Networks and Systems	1229 LNNS			462	471	Conference paper
2897	Shareef M.M.; Prakash L.N.C.K.; Deepika M.; Sandhya K.; Rao B.N.K.; Madhavi K.R.	Auto Proctoring on Tab Switch Monitoring for Online Examinations in Scalable Web Interface Design	2025	Lecture Notes in Networks and Systems	1247 LNNS			419	425	Conference paper
2898	Nagaraj K.; Raja K.; Gokulan R.; Nakshatra U.; Abhirami J.; Selvaraj S.; Sam S.; Lithesh M.B.; Preetham M.; Varshini C.; Paramasivam S.; Narayanan S.; Harish B.	State-of-the-Art Oxidation Mechanisms of Sulfur-Containing Amino Acids: Insights into Redox Chemistry, Metal-Ion Catalysis, and Biomedical Implications	2025	Topics in Catalysis						Review
2899	Prabhu S.; Mohan K.J.; Mahadevan B.; Nayeem M.; Dinesh T.; Arun V.	Optimizing Torque in Synchronous Reluctance Motor: A Parameter-Based Analysis	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025						Conference paper
2900	Kumar M.K.; Kudari R.; Sushama C.; Sunil Kumar M.; Neelima P.; Ganesh D.	Efficient Algorithms for Vehicle Plate Detection in Dynamic Environments	2025	Communications on Applied Nonlinear Analysis	32	15		273	289	Article
2901	R C.P.; T V.; N A.; Zayani H.M.	Design and Analysis of Graphene-Based Square Ring and Thin Wire Resonator Surface Plasmon Resonance Biosensor for Adrenal Cancer Detection	2025	Plasmonics						Article
2902	Ganesha A.C.; Vinod Kumar M.; Navy A.; Reddy G.D.R.; Ragavi S.R.; Gowtham C.N.; Kirgiz M.S.	Behavior of Bacterial Strain over Cementless Geopolymer Concrete for Sustainable Development	2025	Handbook of Innovative Adhesive Technology: Biodegradable and Cost-Effective Binder for Built Environment and Engineering Sciences				169	181	Book chapter

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2903	Bikku T.; Narimalla N.R.; Konda K.; Nakkala A.; Yarlagadda A.; Sachuthananthan B.	Generating Accurate and Engaging Research Paper Titles Using NLP Techniques	2025	Lecture Notes in Networks and Systems	1232 LNNS			428	437	Conference paper
2904	Reddy D.V.S.; Golla M.; Thangavel S.	A New Soft-Switching High Gain DC-DC Converter With Reduced Components Realized by Active Clamp and Coupled Inductors	2025	IEEE Transactions on Consumer Electronics						Article
2905	Munde Y.; Shinde A.; Anerao P.; Siva I.; Bhosale A.	Statistical Analysis of the Mechanical Properties of FDM 3D-Printed PLA-Based Composites	2025	Signals and Communication Technology	Part F76			97	107	Book chapter
2906	Saleem P.A.A.; Raja R.; Selvakumar R.K.; Rao K.V.; Abdullah P.A.A.	An Advanced LEACH Protocol Using WASPAS for Optimal Cluster Head Selection to Extend Network Life in WSNs	2025	Lecture Notes in Networks and Systems	885			431	441	Conference paper
2907	Khan Y.; Singh P.K.; Anjum A.; Sivakumar K.K.; Gupta S.; Mishra S.	Exergy-energy, economic and environmental evaluations of a solid oxide fuel cell based trigeneration system	2025	International Journal of Exergy	47	2		136	152	Article
2908	Pandu Ranga Raju B.; Thunga B.; Arun Kumar K.; Ganesh D.; Chitty A.; Reddy Madhavi K.	Face Recognition Using MTCNN and FACENET and Classification Using SVM Classifier	2025	Lecture Notes in Networks and Systems	1245 LNNS			342	353	Conference paper
2909	Kumar M.R.; Tharun R.; Muralimohan S.; Rani R.; Kumar A.M.M.; Dharani M.	Routing Attack Detection Using Ensemble Artificial Intelligence Model for IIoT	2025	Lecture Notes in Networks and Systems	1246 LNNS			390	398	Conference paper
2910	K K.N.; D H.B.; S H.R.; P V S.N.	Magneto-Stefan blow enhanced heat and mass transfer flow in non-Newtonian ternary hybrid nanofluid across the nonlinear elongated surface	2025	Numerical Heat Transfer, Part B: Fundamentals	86	5		1463	1482	Article
2911	Ashokkumar N.; Manikandan A.; Hariprasath S.; Vijayalakshmi P.	Vision-Based Image Classification and Image Segmentation Algorithms for Plant Disease Diagnostics	2025	Computer Vision in Smart Agriculture and Crop Management				93	122	Book chapter
2912	Balasubramaniam P.M.; Sivakumar J.; Prabhu S.; Arun V.; Muniyan V.; Madhaiyan V.	Advancing Switched Reluctance Motor Design for Electric Vehicles Through Performance Optimization	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025				624	630	Conference paper
2913	Malchi S.K.; Davanam G.; Lakshmi Sravanthi T.; Neelima P.	Application of Novel Deep Learning Techniques for Brain Stroke Prediction	2025	Lecture Notes in Electrical Engineering	1274 LNEE			1059	1064	Conference paper
2914	Sabareesh M.; Rajangam J.; Prakash Raj K.; P. Yanadaiah J.	Formulation and evaluation of novel vesicular nanoethosomal patches for transdermal delivery of zidovudine: In vitro, ex vivo, and in vivo pharmacokinetic investigations	2025	Journal of Dispersion Science and Technology						Article
2915	Prathima Ch.; Anitha T.; Reddy P.J.; Susmitha Y.; Reddy P.S.; Charitha N.	Analyzing Handwriting Features for ADHD Detection in Children with Autism via Machine Learning	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies				565	569	Conference paper
2916	Arora B.; Lather V.; Pathalingappa M.B.; Singh A.; Walia R.	Exploring Therapeutic Potential of Hydrotropic Solid Dispersions of Hesperidin and Naringenin for the Management of Diabetes and Obesity	2025	Current Drug Therapy						Article
2917	Daveedu Raju A.; Valluru D.; Sudarsana Murthy D.; Jagadeeswara Rao P.; Sunil Kumar M.; Davanam G.	An Efficient License Plate Number Recognition System for Traffic Surveillance Using Deep Neural Networks	2025	Lecture Notes in Electrical Engineering	1274 LNEE			1032	1037	Conference paper
2918	Sathwik A.S.; Rao B.N.K.; Saiteja B.; Rao A.K.; Madhavi K.R.; Nikhil S.B.	Unmasking Sarcasm: Exploring Machine Learning Approaches for Sarcasm Detection and Comparative Evaluation	2025	Lecture Notes in Networks and Systems	1230 LNNS			295	301	Conference paper
2919	Ashokkumar N.; Pavithra R.; Vajravelu A.; Degadwala S.	Reconfigurable Intelligence Surface-Aided Secured Wireless Communication Networks	2025	Applications and Challenges of Reconfigurable Intelligent Surfaces in 6G				47	86	Book chapter
2920	Harish Babu D.; Kumaraswamy Naidu K.; Satya Narayana P.V.; Chalapathi T.	The radiative composite (NiCr + TC4/H2O) mixture nanofluid flow over a non-linear spinning stretching sheet with the impact of variable Lorenz force and slip condition	2025	Numerical Heat Transfer; Part A: Applications	86	5		1186	1200	Article
2921	Bharathi M.; Mohanaragam K.; Shirur Y.J.M.	Efficient Signal Processing: Harnessing Distributed Arithmetic for High-Speed FFT Operations	2025	Proceedings of the 3rd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, IITCEE 2025						Conference paper
2922	Geetha N.; Kedhareswar M.R.; Kumar K.D.; Sagar U.P.; Sunitha G.; Suma K.G.	Autoencoder-Based Architecture for Forest Cover Type Classification	2025	Lecture Notes in Networks and Systems	1230 LNNS			443	451	Conference paper
2923	Devansh C.; Suman J.V.; Eswar G.; Narasimha G.; Medasani S.; Balaji M.	A Complementary FET (CFET)-Based NAND Design to Reduce RC Delay	2025	2025 IEEE 1st International Conference on Smart and Sustainable Developments in Electrical Engineering, SSDEE 2025						Conference paper
2924	Prabhu S.; Mohan K.J.; Mahadevan B.; Nayeem M.; Dinesh T.; Arun V.	Integrated Electromagnetic, Thermal, and Vibration Analysis for High-Performance Synchronous Reluctance Motor Design in Electric Vehicle Applications	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025						Conference paper
2925	Parthu V.V.; Raghavendra Reddy C.; Balamurugan N.; Reddy G.C.; Retna Mony R.; Maruthi Kumar P.	Execution of Natural Language Processing via Squabble to Enhance Students' Essay Writing Cognition	2025	Lecture Notes in Networks and Systems	1231 LNNS			436	442	Conference paper
2926	Alamin A.; Rahaman M.; Gazi K.H.; Alam S.; Mondal S.P.	Solution and Analysis of Coupled Homogeneous Linear Intuitionistic Fuzzy Difference Equation	2025	Transactions on Fuzzy Sets and Systems	4	2		99	115	Article
2927	Rafeeq M.; Chitteti C.; Rani R.J.; Mamatha B.; Kumar V.N.; Dharmireddi S.	Efficient Pest Detection and Classification System for Vegetable Crops Using Regression Tree Algorithm	2025	Lecture Notes in Networks and Systems	1241			477	490	Conference paper

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2928	Ranjana R.; Sahana R.K.; Narendra Kumar Rao B.	Application of metaverse in regenerative medicine: Applications and challenges	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				337	356	Book chapter
2929	Jain M.S.; Prasanthi S.; Bommala N.D.; Goudanavar P.; Naveen N.R.	Harnessing the Human Microbiome for Innovative Drug Delivery Systems: Exploring Pharmacomicrobiomics and Targeted Therapies	2025	Current Pharmaceutical Design						Review
2930	Prabhu S.; Mohan K.J.; Mahadevan B.; Nayeem M.; Dinesh T.; Arun V.	Optimization Strategies for Interior permanent magnet Motors in Electric Vehicle Propulsion: Maximizing Average Torque, Minimizing Ripple Torque through Parameter Modification	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025						Conference paper
2931	Kumar M.S.; Usha R.; Reddy B.R.K.; Ramachandra S.; Prakash P.J.; Swetha B.	Deep Learning Driven - Pest Classification and Sustainable Agriculture	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				1759	1762	Conference paper
2932	Nennuri R.; Geetha N.; Prakash P.B.; Kedhareswar M.R.; Sunita G.; Kumar N.M.	Maize Seed Classification Using Convolutional Block Attention Networks	2025	Lecture Notes in Networks and Systems	1229 LNNS			454	461	Conference paper
2933	Prathima Ch.; Moni M.K.; Charitha M.; Nandish B.; Waseemuddin M.; Reddy K.S.	A Novel Approach for Early Brain Stroke Detection Using Genetic Algorithm	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies				645	650	Conference paper
2934	Ruba Sri D.R.; Kamatchi Kannan V.; Kalpana Devi S.; Thrinath B.V.S.; Sankarganesh R.; Ponmurugan P.	Design and Simulation of Five Level Multilevel Inverter for EV Applications	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				657	661	Conference paper
2935	Dhanalakshmi P.; Yadav G.H.K.; Kotha V.; Garladinne R.; Balakrishna N.	Deep Learning (DL)-Powered Drowsiness Detection for Enhanced Driving Safety in Smart Transportation System	2025	Lecture Notes in Intelligent Transportation and Infrastructure	Part F64			231	247	Book chapter
2936	Rajyalakshmi Ch.; Sanjeevaiah K.; Jose B.K.; Venkateswarlu Reddy P.; Anil C.	Hyperspectral Image: A Fusion-Based Extraction and Classification Utilizing Centernet Technique	2025	International Journal of Image and Graphics			2750035			Article
2937	Sekhar J.C.; Pratap V.K.; Ramu J.; Bikku T.; Sachuthananthan B.	Securing Vehicular Ad-Hoc Networks: Attack Tree and Trust-Based Analysis	2025	Lecture Notes in Networks and Systems	1230 LNNS			461	472	Conference paper
2938	Ashokkumar N.; Neelamegam D.; Kavitha A.; Bharathi M.	The Impact of Formal Training Workshops on Reducing Anxiety in Teachers	2025	Journal of Engineering Education Transformations	38	3		188	198	Article
2939	Prakash S.K.J.; Aluvala R.; Y S.R.; Thimmapuram K.; G S.	The Role of Business Strategy in Advancing Sustainability Goals: a Comprehensive Systematic and Bibliometric Analysis	2025	Circular Economy and Sustainability						Review
2940	Reddy A.R.; Bhavya K.R.; Srilekha M.; Mulugu N.; Sandhya K.; Rao B.N.K.	Enhancing Event Organization Efficiency Through Intelligent Chatbot: A Study on Automated Assistance and Engagement	2025	Lecture Notes in Networks and Systems	1247 LNNS			426	434	Conference paper
2941	Mahaveerakannan R.; Anitha C.; Rukmani Devi S.	Forecasting of Stock Market from Borsa Istanbul Banks Using MGRU with Modified Jellyfish Search Optimization Algorithms	2025	Lecture Notes in Networks and Systems	1299			275	288	Conference paper
2942	Madhu Mohan V.; Ibrahim Khalivulla S.; Reddeppa N.; Uma Ravi Sankar A.; Murakami K.	Investigation on synthesis and characterization of ZnO nanostructure photoelectrode for dye-sensitized solar cells	2025	Journal of Materials Science: Materials in Electronics	36	3	178			Article
2943	Kumar P.K.; Dharshini J.P.; Samala S.; Arasavalli N.; Ramanjaneyulu N.; Dharani N.P.; Babu K.R.	Quantum confinement and bound state energy analysis in ultra-thin double gate MOSFETs using NEGF approach	2025	Proceedings of the Indian National Science Academy						Article
2944	Krishna N.H.; Kumaraswamy I.; Bose N.S.C.; Sudhakar P.; Reddy T.R.S.; Krishnan G.H.	Integrating VGG16 and LBP for Accurate E-Waste Classification Towards Environmental Sustainability	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				322	326	Conference paper
2945	Ramesh Babu E.; Sunil Kumar M.	The Role of Optimization Techniques in Advancing Big Data Analytics : A Survey	2025	Communications on Applied Nonlinear Analysis	32	1S		232	248	Article
2946	Kumar C.S.; Sagar P.L.; Venkata Bhanu Pratap B.; Geethamadhuri G.; Kumar B.S.R.; Dinesh B.; Mukesh P.	Optimizing Battery Performance in Electric Vehicles Through Predictive Modeling	2025	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025				849	853	Conference paper
2947	Reddy B.R.; Anchuri S.; Santhi K.; Perugu P.; Depuru S.; Kumar M.S.	Enhancing Cloudburst Prediction System Using Bi-LSTM in Realtime: Machine Learning	2025	Communications on Applied Nonlinear Analysis	32	1s		221	231	Article
2948	Yohoshiva B.; Challa N.P.; Rao N.K.; Naseeba B.; Deepthi Ch V.S.	Metaverse for Indian palm leaf manuscripts	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				371	390	Book chapter
2949	Muhsnhasan M.; Priyanka K.; Shahebaaz A.; Devi M.; Sushama C.	Securing Blockchain based Supply Chains in Agriculture using Graph Neural Networks for Anomaly Detection	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
2950	Mediga K.R.; Sharma B.; Joshi R.; Palanivel H.; Kuruva M.; Sunkad G.	Potential of wild relatives of wheat: ideal gene pool for enhancing drought tolerance in modern wheat cultivars	2025	Wheat Wild Relatives: Developing Abiotic Stress Tolerance under Climate Change				91	140	Book chapter
2951	Suneetha I.; Prathima C.; Sirisala S.; Mahalakshmi S.S.D.K.; Balaji Nanda Kumar Reddy K.; Sambana B.	A Real Time approach for detecting and counting Vehicles using OpenCV and NumPy	2025	2025 International Conference on Pervasive Computational Technologies, ICPCT 2025				365	370	Conference paper

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2952	Tandon R.; Gupta P.K.	PALCT: vehicle-to-vehicle communication based on pseudonym assignment and encryption scheme using delay minimisation cover tree algorithm	2025	International Journal of Vehicle Information and Communication Systems	10	2		132	147	Article
2953	Yadav S.; Venkataratnam S.; Srikaanth P.B.; Madhavi J.; Reddy A.B.; Selvan R.S.	Development of Light Weight Authentication Protocol Based on Cryptography to Access the IoT Device	2025	Communications in Computer and Information Science	2195 CCIS			154	166	Conference paper
2954	Santosh P.; Ramesh P.; Karedla C.R.; Chakradhar K.S.; Lakshmunaidu M.; Dadi H.S.	A Compact Wide-Band Array Antenna for Ka-Band Applications	2025	Journal of Communications	20	3		349	357	Article
2955	Kovuri K.; Kumar N.V.; Balobaid A.; Sriharsha A.V.; Kumar B.V.; Madhavi K.R.; Reni A.	Identification and Correction of Image Similarity using autoencoder	2025	Lecture Notes in Networks and Systems	1229 LNNS			472	479	Conference paper
2956	Maitra S.K.; Raju K.; Swathi G.V.; Thrinath B.S.; Choudhury U.; Budidha N.; Aegeegn D.B.	A theoretical exploration of quantum dots and nanowires as next-generation photovoltaics	2025	Solar Energy Advances	5		100085			Review
2957	Deepika M.; Purushotham N.; Sarada C.; Kumar M.S.; Digumarthi J.; Rao G.S.	Enhancing Self-attention Training in Transformers for Image Captioning Using ViT and BERT	2025	Lecture Notes in Networks and Systems	1229 LNNS			445	453	Conference paper
2958	Rao D.N.; Ghantasala G.S.P.; Kallam S.; Chandini S.; Banu S.B.; Nusari M.S.; Madhavi K.R.	Building Information Modeling (BIM) in Developing Countries: Impact, Challenges, Successes, and Future Directions	2025	Lecture Notes in Networks and Systems	1246 LNNS			344	351	Conference paper
2959	Anitha C.; Ambika B.; Vasuki P.; Rajesh Kumar T.; Ebinezer M.J.D.; Santhosh S.	Enhancing Agricultural Productivity: IOT and Attention-Based CNN-BLSTM For Fine-Grained Crop Disease Detection	2025	Journal of Machine and Computing	5	1		255	263	Article
2960	Anitha C.; Naveena kumar R.R.; Deokar S.U.; Shah H.; Nandankar P.V.; Natrayan L.	Optimal Scheduling of Microgrid with Electric Vehicle Integration in Smart Grid using Progressive Graph Convolutional Network	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				375	380	Conference paper
2961	Kamatchi Kannan V.; Pommurugan P.; Srimathi R.; Vijayakumar G.; Parimalasundar E.; Suresh K.	Quasi Z-Source Inverter with Simple Boost and Maximum Boost Pulse Width Modulation Techniques for PV Grid Connection	2025	Lecture Notes in Electrical Engineering	1302			247	257	Conference paper
2962	Nirmale V.K.; Navatha B.; Madhavi K.; Srinivasa Kumar B.; Nandagopal K.; Veerajuu N.; Asif Alisha S.	A Mathematical Problem Formulation Based on Number Theory	2025	Communications on Applied Nonlinear Analysis	32	3		592	604	Article
2963	Bikku T.; Martis J.E.; Kumar S.M.; Sudha S.; Iyappan P.; Natarajan C.	HEALTHCARE BICLUSTERING OF PREDICTIVE GENE EXPRESSION USING LSTM BASED SUPPORT VECTOR MACHINE	2025	Informing Science	28		12	1	14	Article
2964	Sudarsana Murthy D.; Gangaiah B.; Mandalapu R.C.; Hari Prasad P.; Ganesh D.; Thyaga Raju M.	Performance Assessment of State Bank of India During Post Merger for Sustainability – An Application of CAMEL & LSTM Models	2025	International Journal of Environmental Sciences	11	3S		84	102	Article
2965	Pandey N.; Sundar S.S.; Goswami B.; Krishna S.H.; Sharma D.; Tandon S.	Customer Satisfaction and Service Quality with Effective Practices of Human Resource Management	2025	Recent Trends in Engineering and Science for Resource Optimization and Sustainable Development				338	342	Book chapter
2966	Ramesh P.S.; Manikanthan S.V.; Reddy B.B.; Chitteti C.; Sailaja V.N.	Artificial Intelligence-Powered Chatbots for Waste Management: A Vision for Circular and Smart Cities	2025	Advances in Nonlinear Variational Inequalities	28	2		9	19	Article
2967	Sampathi S.; Kulkarni N.; Bhikshapathi D.V.R.N.; Tawade J.V.; Tarakaramu N.; Rashid R.F.; Kubaev A.	Optimizing ibrutinib bioavailability: Formulation and assessment of hydroxypropyl-β-cyclodextrin-based nanosponge delivery systems	2025	Current Research in Pharmacology and Drug Discovery	8		100213			Article
2968	Chinnasamy P.; Khan P.F.; Sasikala C.; Swathi M.; Kumar M.P.; Yadav A.K.	Industrial IoT Smart Manufacturing Systems based on Cloud Computing Energy Efficiency Analysis using Machine Learning Algorithms	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				634	638	Conference paper
2969	Chakradhar K.S.; Neelima K.; Rama Rao B.; Nataraj D.; Sridhar S.; Vinutna Ujwala G.	Enhanced Bandwidth for Slotted Patch Antenna with Defective Ground Structure	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				795	799	Conference paper
2970	Kavitha K.; Sangeethapriya R.; Malathi V.; Mysami T.; Hazra R.; Mohankumar R.	The Intersection of AI and IoT for Clinical Digitalization in Healthcare Domain	2025	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025				238	243	Conference paper
2971	Sivakumaran A.R.; Anitha C.; Arunraj M.; Ebinezer M.J.D.; Babu V.S.; Gokila S.	Mitigating Air Pollution Risks with Deep Learning: A Quantum-Optimized Approach for Nitrogen Dioxide Prediction in Los Angeles	2025	Journal of Machine and Computing	5	2		709	719	Article
2972	Muvva V.B.R.; Almoussawi Z.A.; Naik N.; Madhavan S.; Praveena H.D.	An Optimal Cluster Head and Secure Route Path Selection Using Multi Objective—GWO Approach in Wireless Sensor Networks	2025	Lecture Notes in Electrical Engineering	1270			163	173	Conference paper
2973	Pranitha K.; Geethanjali N.; Sreedevi E.; Babu A.J.; Vurukonda N.; Rajakumari K.	Metaheuristics and Hybrid Evolutionary Methods for Feature Selection	2025	Lecture Notes in Networks and Systems	1230 LNNS			432	442	Conference paper
2974	Srinivasmurthy C.; Raju P.R.; Venkatakrishnamoorthy T.; Padmaja K.; Devaraju T.; Madhavi K.R.	Detection of Deep Vein Thrombosis Using Machine Learning for CT Images	2025	Lecture Notes in Networks and Systems	1243 LNNS			414	421	Conference paper

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2975	Raju K.S.; Roopa R.; Balaji P.; Kumar T.R.; Madhavi K.R.; Reddy C.S.K.	Automated Sleepiness Detection via EEG Brainwave Analysis: A Nonlinear Ensemble Approach with Optimized Hyper-Tuning Strategies	2025	Advances in Nonlinear Variational Inequalities	28	2		305	316	Article
2976	Swamy K.A.; Madhavi G.M.; Madhavi K.R.; Tangudu N.; Krishnaveni C.V.; Chandra S.H.	Solid Waste Classification Using Transformer Model	2025	Lecture Notes in Networks and Systems	1229 LNNS			284	291	Conference paper
2977	Fallaah M.H.; Shanthi T.; Reddy S.B.; Rajavadhani K.; Sandhya K.	Fault Tolerant Quality of Service Provisioning in Internet of Things using One Class Support Vector Machine	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
2978	Chitra G.; Clement Joe Anand M.; Ittanagi B.M.; Ranjitha B.; Cangul I.N.	PRIME AND CO-PRIME EDGE ANTI-MAGIC VERTEX LABELING OF FAMILIES OF UNICYCLIC GRAPHS IN SENSOR NETWORK	2025	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	15	1		17	26	Article
2979	Prakash S.P.; Mohamadabbas H.; Meghana A.; Adam Smith G.; Ghamya K.	Improved Multiview Graph Convolutional Network for Threat Detection in Internet of Things-based Smart Farming Systems	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
2980	Vijayakumar M.; Tamilselvan K.; Arun V.; Sivaprakasam T.; Kanmani G.; Rameshkumar N.	Two-Fold Boost Switched Capacitor Inverter with Minimum Switches	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025				631	636	Conference paper
2981	Chanukya Padira S.V.V.N.; Javvaji H.; Parvez Z.; Sarada K.; Kumar B.H.; Singh A.R.	A Switched Capacitor – Inductor High Gain DC-DC Converter for Solar PV Applications	2025	International Journal of Electrical and Electronics Research	13	1		101	107	Article
2982	Kumar N.M.G.; Srinivasan G.; Raj L.H.T.; Lavanya M.	Evaluation of FG using RPO in EDPS via DO Considering Load Variations	2025	Journal of Engineering Science and Technology Review	18	1		146	156	Article
2983	Adishesha K.; Umesh B.C.; Jeevitha D.; Sujatha H.T.; Ashok A.; Prasad S.S.; Giriprasath R.S.	Temperature Regime Impacts on Reproductive Performance in Various Chickpea (Cicer arietinum L.) Genotypes	2025	Indian Journal of Agricultural Research	59	5		820	826	Article
2984	Kamal S.; Sharma P.; Gupta P.K.; Siddiqui M.K.; Singh A.; Dutt A.	DVTXAI: a novel deep vision transformer with an explainable AI-based framework and its application in agriculture	2025	Journal of Supercomputing	81	1	280			Article
2985	Mageshen V.R.; Santhy P.; Meena S.; Latha M.R.; Kalyan V.S.R.K.; Aswitha K.; Manimaran G.; Krithika C.; Sathiyabama N.	The Long-term Impact of Biofortified Iodine on Tomato (Lycopersicon esculentum) Growth, Yield and Quality	2025	Indian Journal of Agricultural Research	59	5		770	777	Article
2986	Sreenivasulu G.; Lakshmi H.N.; Kumari M.T.; Anjaiah P.; Suresh A.; Avanija J.	Efficient and Accurate Traffic Sign Detection Leveraging YOLOv8: A Cutting-Edge Deep Learning Framework	2025	Journal of Machine and Computing	5	1		1	14	Article
2987	Yamsani N.; Archana A.B.; Jugunta S.B.; Sreedevi E.; Tangudu N.; Ambika S.	Emergency Communication Networks – Applications and Challenges	2025	Lecture Notes in Networks and Systems	1230 LNNS			452	460	Conference paper
2988	Kumar S.T.G.; Beeram E.; Begum S.; Chatterjee P.; Samajdar D.	Refinement Of Spme-Gc/Ms For The Detection Of Volatile Organic Compounds In Medical Science And Pharmacy	2025	Journal of Applied Bioanalysis	11	1		36	45	Article
2989	Veeranjaneyulu R.; Sumathi V.; Sushama C.; Sekhar S.C.; Neelima P.; Kumar M.S.	Predicting Disasters: A Machine Learning Approach	2025	Communications on Applied Nonlinear Analysis	32	1S		262	272	Article
2990	Aswini J.; Revathi A.; Rani R.J.; Divya K.; Kumar T.R.; Reddy A.B.	Enhancing Image Quality: Geometric Correction with CNN + STN Model	2025	Lecture Notes in Networks and Systems	1229 LNNS			292	299	Conference paper
2991	Balamurugan J.; Yadav M.; Madhavi J.; Reddy A.B.; Selvan R.S.	Step-by-Step Image Encryption Using UACI and PixAdapt	2025	Communications in Computer and Information Science	2195 CCIS			182	193	Conference paper
2992	Mamatha S.; Sandhya S.; Reddy K.; Venkatesh D.; Lakshmipathi K.N.	Enhancing Quality Management Practices in Higher Education Institutions: A Comprehensive Study in Bengaluru	2025	International Journal of Environmental Sciences	11	3S		9	17	Article
2993	Nathan S.R.; Rajendran C.; Sonar T.; Ivanov M.; Balasubramanian K.; Ramanathapuram Anandan H.B.; Sankaravadivelu S.; Karu C.V.	Optimization of CNC-FSSW parameters for dissimilar spot welding of AA6061 aluminium alloy and mild steel using Taguchi based desirability function approach	2025	International Journal on Interactive Design and Manufacturing	19	1		337	346	Article
2994	Kumar V.N.; Lalitha Parameswari D.V.; Avanija J.; Ayyappa Swamy K.; Reddy Madhavi K.; Galety M.G.	Optimal Feature Subset Selection for Classification Using Bacterial Foraging Optimization: A Machine Learning Approach	2025	Lecture Notes in Networks and Systems	1232 LNNS			279	287	Conference paper
2995	Althaph B.; Challa N.P.; Rao N.K.; Prasanna K.S.L.; Jajam N.; Deepthi Ch V.S.; Naseeba B.	Metaverse for heart illness prediction and analysis	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				357	370	Book chapter
2996	Dekka S.; Sambana B.; Raju K.N.; Sai D.M.; Pallavi M.; Reddy K.K.	Performance Evaluation of QoS in MAODV Routing Protocol in MANETS	2025	Springer Proceedings in Mathematics and Statistics	441			133	150	Conference paper
2997	Ponnuviji N.P.; Sumaiya Begum A.; Gnanasekaran T.; Rajendiran M.; Shenbaga Ezhil S.	Leveraging Random Forest for Intelligent IoT Systems in Industrial Environments	2025	Communications in Computer and Information Science	1971 CCIS			46	57	Conference paper
2998	Devi K.S.; Contractor D.; Deepa V.; Lakshmi T.K.; Santhikala M.; Mounika K.	Energy Consumption Optimization using Big Data Analytics for Smart Grid Management	2025	ESIC 2025 - 5th International Conference on Emerging Systems and Intelligent Computing, Proceedings				266	271	Conference paper
2999	Praveen Kumar B.V.; Nageswara Rao A.; Tummala N.D.; Bikku T.; Reddy Madhavi K.	Application of Deep Learning in the Development of a Drug Discovery System	2025	Lecture Notes in Networks and Systems	1245 LNNS			464	472	Conference paper

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3000	Pramodhini R.; Obbayed S.; Manju K.; Swarnalakshmi G.; Purushotham N.	Employee Attrition Prediction based on Light Gradient Boosting Machine with Bayesian Optimization	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3001	Shankari S.U.; Mohameed H.; Kulkarni M.; Aravindh S.; Purushotham N.	Cybersecurity Threat Detection in Smart Cities using Box Plot Sampling Isolation Forest	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3002	Shanthi N.; Stonier A.A.; Sherine A.; Devaraju T.; Abinash S.; Ajay R.; Arul Prasath V.; Ganji V.	An integrated approach for mental health assessment using emotion analysis and scales	2025	Healthcare Technology Letters	12	1	e12040			Letter
3003	Mandipudi R.; Reddy A.B.; Sumalatha K.; Tangudu N.; Gudavalli M.; Kumar K.M.	BEiT-Based Deep Model for Agricultural Pest Detection	2025	Lecture Notes in Networks and Systems	1229 LNNS			266	274	Conference paper
3004	Rahaman M.; Gazi K.H.; Rabih M.; Alamin A.; Razzaq O.A.; Khan N.A.; Mondal S.P.; Alam S.	Solutions of Linear Homogeneous Fuzzy Fractional Differential Equations Using the Mittag-Leffler Function	2025	Journal of Uncertain Systems			2550013			Article
3005	Poola K.; Pavankumari V.; Anil Kumar J.; Vani A.; Asif A.S.; Sriniva	Parameter Estimation in Multiple Linear Regression: A Neutro	2025	International Journal of Neutrosophic Science	26	2		215	228	Article
3006	Tamilarasi C.; Bhavadrarani K.; Kittappa T.; Subashini N.; Anitha V	Permissioned Blockchain Security Pqfabric from Quantum and	2025	1st International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies, CE2CT 2025				1024	1029	Conference paper
3007	Umilsingh N.; Venkatachalapathi V.; Latha H.S.; Bobbe S.; Madhu	EFFECT OF VARIOUS CROP SPACINGS AND FERTILIZERS ON YI	2025	Applied Ecology and Environmental Research	23	1		159	170	Article
3008	Dankan Gowda V.; Dhole S.A.; Prasad K.D.V.; Patil J.K.; Jagdale S.	Optimizing Configurable Logic Blocks with Advanced Error-Re	2025	International Journal of Electrical and Electronics Research	13	2		227	236	Article
3009	Arunkumar K.; Balakrishna G.; Raju B.L.; Prakash P.; Kishore Y.R.;	Structure–Property Relationship in Cryo-Rolled AM50 Magne	2025	Journal of The Institution of Engineers (India): Series D						Article
3010	Suma K.G.; Balasm Z.; Sasirekha N.; Veera Manikandan P.; Sandh	Emotion Recognition in Visual Art on Color and Texture Analy	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3011	Lavanya M.; Devi B.R.; Gogula S.; Divya K.; Gudavalli M.; Rafee S.M.	Enhancing Image Captioning Through a Hybrid Deep Model: T	2025	Lecture Notes in Networks and Systems	1229 LNNS			275	283	Conference paper
3012	Bhavani M.M.; Balamurugan P.; Sankaran V.N.; Majumder S.; Rakshitha L.P.; Nandagopal K.	Spectrum Sensing Methodology Using Artificial Intelligence for Cognitive Radio Network	2025	1st International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies, CE2CT 2025				910	914	Conference paper
3013	Jasim L.H.; Manjunatha B.N.; Godavarthi S.; Thamizhkani B.; Sushama C.	Bi-Linear Alternative Least Squares and Maximum Likelihood based MIMO Communication System	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3014	Satish P.; Rajani D.; Ahmed M.; Prasad S.V.G.V.A.; Manjula G.; Bharath Kumar P.; Asif Alisha S.	An Analysis of Magnetohydrodynamic Free Convective Flow past an Infinite Vertical Porous Plate	2025	Communications on Applied Nonlinear Analysis	32	2s		284	295	Article
3015	Dekka S.; Raju K.N.; Sai D.M.; Pallavi M.; Sambana B.	Minimize the Energy Consumption to Increase the Network Lifetime for Green IoT Environment	2025	Springer Proceedings in Mathematics and Statistics	441			151	159	Conference paper
3016	Raj J.A.; Patra R.C.; Krishna M.L.R.; Vaheedha S.; Himabindu K.; Subramanyam V.; Likitha G.R.; Andrew Anbarason J.P.	Impact of Exercise on Cognitive Function and Motor Impairment in Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-analysis	2025	Journal of Applied Bioanalysis	11	2		30	42	Article
3017	Gupta M.; Pandey S.K.; Pareek P.K.; Shukla P.K.; Aggarwal P.K.; Reddy P.V.	Efficient Routing and Lifetime Prolongation in IoT founded Wireless Sensor Network Performance with Bee Colony-Inspired Lifetime Enhancement	2025	Journal of Intelligent Systems and Internet of Things	14	1		221	229	Article
3018	Kamalanathan C.; Balamurugan J.; Sharma N.; Reddy A.B.; Selvan R.S.	Development of Lightweight and Cheaper 5G Mobile Communication System to Analyze the Performance of Espresso Ciphers and Grain Family	2025	Communications in Computer and Information Science	2195 CCIS			140	153	Conference paper
3019	Jayaganesh J.; Suresh Kumar K.; Krishna K.H.; Tiwari M.; Vettriselvan R.; Shelke C.	Different Requirements in Quality of Service Using an Adaptive Network Algorithm	2025	Advances in AI for Cloud, Edge, and Mobile Computing Applications				323	343	Book chapter
3020	Singh M.; Tyagi V.; Gupta P.K.; Flusser J.; Ören T.; Cherif A.R.; Tomar R.	Preface	2025	Communications in Computer and Information Science	2194 CCIS			v	vi	Editorial
3021	Rajyalakshmi C.; Rajeswara Rao R.; Mahalakshmi V.; Jugunta S.B.; Reddy Madhavi K.; Shanthi S.	A Fog-Based Security Framework for Smart Agriculture	2025	Lecture Notes in Networks and Systems	1231 LNNS			490	498	Conference paper
3022	Takore T.T.; Krishna K.H.; Kumar K.S.; Kumar R.G.; Jain A.; Keerthika T.	Applications, Enabling Technologies, Vision of Edge Artificial Intelligence for 6G	2025	Advances in AI for Cloud, Edge, and Mobile Computing Applications				213	237	Book chapter
3023	Shashidhar Yadav J.; Mutyala S.; Saiprasad D.; Devananda H.M.; Jagadeesha G.T.	Unveiling Dynamics of Structural Breaks in Global Stock Markets and Implications for Forecasting Accuracy	2025	Communications in Computer and Information Science	2368 CCIS			339	348	Conference paper
3024	Venkatesh S.; Saritha K.; Gogula S.; Chitteti C.; Yalavarthi S.; Swaraja K.	Multimodal Fusion with Deep Neural Network Architecture for Alzheimer's Disease Prediction	2025	Lecture Notes in Networks and Systems	1245 LNNS			411	418	Conference paper
3025	Sushama C.; Rafee S.M.; Kumar A.S.; Srilakshmi A.; Subbulakshmi R.; Subramanian B.	CENTRAL LINE ASSOCIATED BLOODSTREAM INFECTION PREDICTION USING DEEP ATTENTION NETS IN THE HEALTHCARE FIELD	2025	Informing Science	28		Article 13			Article

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3026	Kumar M.R.; Kalyani B.J.D.; Suneetha K.; Satyam K.; HemaChandra S.; Madhavi K.R.	Improvement of Communication Stability by Geo-Drone-Based SOA Routing Algorithm in Emergency Area Ad-Hoc Network	2025	Lecture Notes in Networks and Systems	1247 LNNS			406	418	Conference paper
3027	Raju K.V.; Jayasri P.; Painam R.K.; Madhavi K.R.; HemaChandra S.; Kaleru S.	Clustered Wireless Sensor Networks with Blockchain-Enabled Multi-hop Data Transmission	2025	Lecture Notes in Networks and Systems	1230 LNNS			336	342	Conference paper
3028	Anitha C.; Vipashi Kansal G.; Deokar S.U.; Sutaria K.; Ravi Kumar V.; Natrayan L.	Bi-Directional Power Control in Grid-Connected Electric Vehicle On-Board Chargers using Spider Wasp Optimization	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				517	522	Conference paper
3029	Velmurugan G.; Chohan J.S.; Raja D.E.; Paramasivam P.; Maranan R.	Thermo-Mechanical and Flame-Retardant Performance of Epoxy/Hemp Composites Reinforced with Nano-SiO2 and Al(OH)3	2025	Fibers and Polymers						Article
3030	Raja Singh R.; Kalel D.D.; Stonier A.A.; Peter G.; Stephen V.; Arun V.; Ganji V.	MTPA With Pseudo-FOC Strategy–Based BLDC for Minimization of Copper Loss and Torque Ripple	2025	Journal of Electrical and Computer Engineering	2025		2549885			Article
3031	Hegde N.P.; Sivaraman R.; Dharmamoorthy G.; Dubey A.K.; Patro P.; Mary S.S.C.	Development of Elliptical Cryptography Technique to Watermark Embedded and Extrusion for Healthcare Records	2025	Communications in Computer and Information Science	2195 CCIS			167	181	Conference paper
3032	Sreenivas P.; Anand M.S.; Bhosale S.; Satyanarayana T.V.V.; Boopathi S.	Enhancing Automobile Design and Manufacturing Through VR and AR Integration	2025	Virtual and Augmented Reality Applications in the Automobile Industry				231	255	Book chapter
3033	Achari B.N.; Ramu G.; Harika K.; Ravikanth G.; Dhanalakshmi P.; Prabhakar T.	Enhancing Heart Disease Risk Assessment Through Feature Augmentation and Key Predictors	2025	Lecture Notes in Networks and Systems	1245 LNNS			325	333	Conference paper
3034	Bani Ahmad A.Y.A.; Kolachina S.; Rajest S.S.; Singh M.; Mishra A.; Sundar S.S.	Impact of digital HRM on academicians' performance: exploring the mediating role of organisational commitment	2025	International Journal of Intelligent Enterprise	12	1		1	21	Article
3035	Madhaiyan V.; Hussaini M.M.; Jeyabharath R.; Thiviyabrabha K.; Jeniton S.; Arun V.	Double Boost Switched Capacitor Nine Level Inverter with Level Shifted PWM Techniques	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025				617	623	Conference paper
3036	Pavani G.; Narasimha Reddy L.; Leela P.; Basi Reddy A.; Yalavarthi A.S.; Veera Vanitha D.	Empowering Accessibility: NLP-Driven Chatbot for Enhanced Information Access Among Visually Impaired Individuals	2025	Lecture Notes in Networks and Systems	1245 LNNS			396	402	Conference paper
3037	Rao A.V.; Babu G.S.; Kumar P.S.; Jagadeesh P.; Reddy M.M.; Thrinath B.V.S.; Vangalapudi R.; Gowri N.V.	Construct and Performance Investigation of a Hybrid ANFIS Controlled Islanded Micro-Grid	2025	International Journal of Renewable Energy Research	15	1		161	171	Article
3038	Ravuri A.; Malik K.; Krishna K.H.; Das A.; Bhattacharjee R.; Dhanraj J.A.	Application of Artificial Intelligence for Enhancement of Privacy and Security in Smart Environment	2025	Advances in AI for Cloud, Edge, and Mobile Computing Applications				73	94	Book chapter
3039	Roy S.; Nagaraj K.; Mittal A.; Shah F.C.; Raja K.	Artificial Intelligence in Virtual Screening: Transforming Drug Research and Discovery—A Review	2025	Journal of Bio-X Research	8		41			Review
3040	Kannan K.S.; Swathi B.; Kulkarni K.J.; Davanam G.; Munagala M.; Puvirajan T.	Improving the Quality of Service by Enhancing the Network Lifetime in Wireless Multimedia Sensor Networks	2025	International Journal of Computer Information Systems and Industrial Management Applications	17		12	67	78	Article
3041	Rahaman M.; Haque R.; Salahshour S.; Sobczak A.; Azizzadeh F.; Alam S.; Mondal S.P.	Solution of an uncertain EPQ model using the neutrosophic differential equation approach	2025	Operations Research and Decisions	35	2		56	92	Article
3042	Padarthi P.; Kalvimoorthi V.; Challa R.R.; Vallamkonda B.; Grandhe N.; Dogiparthi L.K.; Kaliyaperumal R.	Non-Ionic Surfactant Vesicles (Niosomes): Structure, Functions, Classification and its Advances in Enhanced Drug Delivery	2025	Recent Advances in Drug Delivery and Formulation						Review
3043	Narasimharao J.; Megana Santhoshi P.; Swathi P.; Davanam G.; Tangudu N.; Dileep Kumar Reddy P.	Hybrid Deep Learning Algorithm to Predict Leaf Diseases for Botanical Sentinals	2025	Lecture Notes in Networks and Systems	1229 LNNS			415	423	Conference paper
3044	Misal S.R.; Mohan L.; Sundararajan S.K.; Bathala B.; Majumdar S.; Sivakumar C.	Telemedicine and Remote Patient Monitoring: Enhancing Access to Healthcare Through IoT and AI Technologies	2025	1st International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies, CE2CT 2025				306	310	Conference paper
3045	Abdulkani S.; Shereesha M.; Narayanamma N.; Jyothi Babu A.; Sargunam B.; Radhika Raju P.	A Comprehensive Study on Convolution Neural Networks - Architecture, Applications and Future Scope	2025	Lecture Notes in Networks and Systems	1229 LNNS			407	414	Conference paper
3046	Krishnasamy S.; Irulappasamy S.; Thiagamani S.M.K.; Ilyas R.A.; Khoo P.S.	Examining the mechanical properties of hybrid curauá-basalt reinforced polyester composites	2025	Polymer Composites						Article
3047	Rana Veer Samara Sihman Bharattej R.; Mhsnhasan M.; Sowmya M.; Prabhakaran M.V.; Ghamya K.	Anomaly Detection in Social Networks using Improved Local Outlier Factor	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3048	Musnmusawi M.; Deepa R.; Shankar S.S.; Nirupashri G.; Khanam P.K.	Real-Time Blood Pressure Monitoring and Hypertension Prediction based on Multitask Temporal Convolutional Network	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3049	Kumar G.R.; Poluru R.K.; Durgadevi S.; Viswanatha Reddy P.; Dinesh Kumar K.; Sriharsha A.V.	A Systematic Review of Blockchain Application in Smart and Sustainable Agriculture	2025	Lecture Notes in Networks and Systems	1231 LNNS			499	507	Conference paper

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3050	Padmaavathy P.A.; Kavitha P.; Neeraja P.; Lokeswar Reddy D.V.; Venkatachalam S.; Saravanan M.	The Future Role of Environmental Sustainability-Optimization using Artificial Intelligence Electric Vehicles	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				1445	1448	Conference paper
3051	Sushama C.; Rafee S.M.; Jha J.; Sujatha S.; Srinivasan J.; Krishna I.M.	ENHANCING HEALTHCARE INDUSTRIAL APPLICATIONS WITH LSTM-BASED PREDICTIVE ANALYTICS	2025	Informing Science	28		Article 14			Article
3052	Yadav G.H.K.; Gundluru R.; Krishna N.B.; Tangudu N.; Galety M.G.; Begam A.A.	Efficient High Utility Mining Algorithm for Big Data Applications	2025	Lecture Notes in Networks and Systems	1230 LNNS			327	335	Conference paper
3053	Goga G.; Goyal D.; Goyal T.; Lawrence K.R.; Elumalai P.V.; Mahla S.K.; Yadav A.S.; Chakroborty S.; Hasan N.	Performance-Emission Optimization of a Diesel Engine Blended With Biodiesel and Pentanol	2025	Energy Science and Engineering						Article
3054	Selvalakshmi S.; Ravi S.; Kumar A.T.A.K.; Devi S.D.; Sunheriya N.; Attar H.	Industrial and Home Automation using Facebook Messenger Chatbot and PaaS	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				587	591	Conference paper
3055	Tiwari R.; Raju Nandikola J.; Jothinathan M.K.D.; Shaik K.; Hemalatha G.; Prasad D.; Mohan V.K.	The gut–brain axis in autism spectrum disorder: microbiome dysbiosis, probiotics, and potential mechanisms of action	2025	International Journal of Developmental Disabilities						Review
3056	Begh M.Z.A.; Khan J.; Al Amin M.; Sweilam S.H.; Dharmamoorthy G.; Gupta J.K.; Sangeetha J.; Lokeshvar R.; Nafady M.H.; Ahmad I.; Alshehri M.A.; Emran T.B.	Monoterpenoid synergy: a new frontier in biological applications	2025	Naunyn-Schmiedeberg's Archives of Pharmacology	398	1		103	124	Review
3057	Prabu R.T.; Muruges M.; Siddharthan N.; Prabu A.S.; Kumar C.R.; Prathima C.; Orabi O.S.	Laser diode transmission characteristics management for high optical fiber coupling system stability with various spectral wavelength windows	2025	Journal of Optical Communications						Article
3058	Prabu R.T.; Vignesh G.D.; Pandian M.M.; Dhandapani A.; Kumar A.K.; Sukumar B.; Ali Y.K.	High speed optical modulation fiber systems for ultra high spectral efficiency improvement through the digital shift keying techniques employment	2025	Journal of Optical Communications						Article
3059	Anitha C.; Al-Tarazi D.; Vignesh G.D.; Vasuki A.V.; Giri J.; Dinesh M.	Reliable Multihop Routing and Congestion Aware Chicken Swarm Optimization in Vehicular Ad-Hoc Network	2025	3rd International Conference on Integrated Circuits and Communication Systems, ICICACS 2025						Conference paper
3060	Sreeharsha N.; Prasanthi S.; Rao G.S.N.K.; Gajula L.R.; Biradar N.; Goudanavar P.; Naveen N.R.; Shiroorkar P.N.; Meravanige G.; Telsang M.; Asif A.H.; Sreenivasalu P.K.P.	Formulation optimization of chitosan surface coated solid lipid nanoparticles of griseofulvin: A Box-Behnken design and in vivo pharmacokinetic study	2025	European Journal of Pharmaceutical Sciences	204		106951			Article
3061	Raj P.; Kumar P.; Sharma D.P.; Saini K.; Narendra Kumar Rao B.; Kosuri H.; Challa N.P.; Ranjana R.	Engineering the metaverse: Enabling technologies, platforms and use cases	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				1	438	Book
3062	Patwekar M.; Patwekar F.; Badarinath A.V.; Billah A.A.M.; Gorijavolu V.; Krishnan K.; Shanmugasundaram P.; Prasad P.D.; Kazi A.A.	Genomic Sequencing: Techniques, Advancements, and the Path Ahead	2025	Journal of Bio-X Research	8		46			Review
3063	Chinnakadoori S.R.; Reddy S.M.; Bodapati A.; Madhuri Kallam S.D.; Dharmamoorthy G.; Gupta J.K.; Asha P.S.; Venkata Arjun U.V.N.; Alja'afreh A.A.; Dayyih W.A.; Awad R.	Biological Exploration of ((Substituted-Phenyl-1H-Pyrazol-4-yl) Methylene) Aniline Derivatives as Potential DPP-IV Inhibitors: ADMET Screening, Molecular Docking, and Dynamics Simulations	2025	Chemical Methodologies	9	1	CHEMM-2410-1834	52	80	Article
3064	Ramkumar G.; Vignesh G.D.; Arjunan M.; Mohanadoss P.; Muthulakshmi R.V.; Venkatanaresh M.; Hedaman A.Z.	Nonlinear FWM effects management and FWM system performance analysis in ultra wide optical wavelength division multiplexing systems	2025	Journal of Optical Communications						Article
3065	Prabu R.T.; Gajendran B.; Akram P.S.; Kumar N.A.; Neelamegam N.; Veeraragavan V.; Emam H.H.A.	Simulative study of light sources for enhancement of optical peak pulse power and energy with the management for time bandwidth product of an ultrashort optical pulse train	2025	Journal of Optical Communications						Article
3066	Prabu R.T.; Pandian M.M.; Prabu A.S.; Kumar A.K.; Battula R.S.S.R.; Subha T.D.; Adel M.H.	Fiber optic system dispersion compensation management within optical fiber communication channels through the control of all hybrid optical amplifiers: simulative study	2025	Journal of Optical Communications						Article
3067	Prabu R.T.; Vignesh G.D.; Vijay S.; Veeraragavan V.; Arulraj M.; Kumar A.K.; Ramadan H.M.	Gain flatness level with gain profile ripple and fiber system bandwidth performance optimization with multi pump all optical fiber distributed Raman amplifiers	2025	Journal of Optical Communications						Article
3068	Joseph Michael Jerard V.; Ledalla S.; Kadiri P.; Vijayarajan S.M.; Alagulakshmi A.; Alagarsamy M.; Philip J.M.; Ayyasamy R.	EFFICIENT IMAGE RECONSTRUCTION USING NOVEL SAMPLING ALGORITHMS IN SCORE-BASED GENERATIVE MODELS FOR RARE NEURODEGENERATIVE DISEASES	2025	Journal of Environmental Protection and Ecology	26	2		484	494	Article
3069	Kaliyaperumal R.; Nagaraj K.; Wadaan M.A.; Poovan V.K.; Ghodake G.S.; Badgujar N.P.; Kumaravel T.	Development and Antimicrobial Evaluation of Tin Oxide (SnO2) Nanoparticles Stabilized with Corn Cob Ash Extract for Biomedical Applications	2025	Biomedical Materials and Devices						Article

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3070	Ganthia B.P.; Panda S.; Remamany K.P.; Chaturvedi A.; Begum A.Y.; Mohan G.; Prasad S.J.S.; Ishwarya S.	Experimental techniques for enhancing PV panel efficiency through temperature reduction using water cooling and colour filters	2025	Electrical Engineering						Article
3071	Reddy C.A.K.; Devi G.N.R.; Bolla D.R.; Kuntamukkala M.P.; Sakunde P.E.; Reddy A.B.; Selvan R.S.; Gopinath S.	Machine Learning with IoT Based Email Phishing Detection	2025	Communications on Applied Nonlinear Analysis	32	3S		479	486	Article
3072	Honnegowda C.K.; Padhy B.; Kumar N.M.; Selva Malar N.; Bandyopadhyay A.; Veerraju N.; Nandagopal K.	Applications of Fuzzy Soft Digraphs in Several Domains	2025	Communications on Applied Nonlinear Analysis	32	1S		290	301	Article
3073	Kothandan P.; Pushpavalli R.; Thirumalaikumari T.; Selvanathan P.; Sunitha P.; Nimmagadda P.; Subburayalu G.	A Chic Giza reformed deep attention model (GizRAM) for opinion mining on Twitter with text and emojis	2025	Iran Journal of Computer Science			100149			Article
3074	Patwekar M.; Patwekar F.; Kumar J.P.; Prasad P.D.; Malik N.; Badarinath A.V.; Parupathi P.; Reddy K.T.K.; Elumalai S.; Ab Samad Z.A.	Unlocking the Potential of Receptor-Based Approaches in Diabetes Treatment	2025	BIO Integration	6	1				Review
3075	Sri Nikila M.; Suresh Babu K.; Kavitha K.; Teja Sree B.; Kakad S.; Muthuperumal S.	Predicting Alzheimer's Dementia Using Audio Transcript Data with a Stacked Deep Dense Neural Network Model	2025	Proceedings of 2025 AI-Driven Smart Healthcare for Society 5.0, AdSoc5.0 2025				43	47	Conference paper
3076	Nagaraj K.; Raja K.; Al-Otibi F.O.; Kasilingam T.; Poovan V.; Kumaravel T.; Velmurugan G.; Shah F.	Structural Variability and Antimicrobial Efficacy of Barium Oxide-Doped Copper Oxide (BaO@CuO) Nanocomposites Via Co-Precipitation	2025	Chemistry Africa			102110			Article
3077	Kumar P.S.; Kumar P.; Manikandan N.; Thejasree P.; Sunheriya N.; Giri J.; Chadge R.; Sathish T.; Kumar A.; Ammarullah M.I.	A sustainable bioengineering approach for enhancing black cotton soil stability using waste foundry sand	2025	International Journal of Low-Carbon Technologies	20			1112	1120	Article
3078	Addepalli T.; Shamsheer Daula S.M.; Medasani S.; Chakradhar K.S.; Kiran Kumar B.; Prasanth Kumar J.; Siridhara A.L.; Kumar Naik K.	Parameters Optimization of Compact UWB-MIMO Antenna with WLAN Band Rejection for Short Distance Wireless Communication	2025	IETE Journal of Research						Article
3079	Ambedkar B.R.; Joshi K.; Shamoan R.; Thomas P.; Krishna K.H.; Anandaram H.; Lamba A.K.; Tewari S.	Design and Implementation of Innovative Statistically Secured Hash Algorithm using Decentralized Hash Function	2025	Panamerican Mathematical Journal	35	1S		115	126	Article
3080	Prabu R.T.; Arumugam P.; Ashreetha B.; Jothilingam S.; Akram P.S.; Soman M.; Ali F.M.	Optical fibers performance parameters management under the control of spectral functional light sources with various wavelength windows and thermal effects	2025	Journal of Optical Communications						Article
3081	Prabu R.T.; Raja A.; Lingaraj V.; Shahila F.D.; Subha T.D.; Naresh G.; Ali F.M.	Various graded index plastic optical fiber performance signature capability with the optimum dispersion control for Advancing e-waste management: Integrative methods and practices	2025	Journal of Optical Communications	46	2		299	306	Article
3082	Dankan Gowda V.; Vijay C.R.; Renu; Kumar N.M.G.; Samal R.	A Twin-Layered Transfer Learning Based Adaptive Convolutional Neural Network (A-CNN) for Diagnosis of Pneumonia	2025	Integrated Approaches for Sustainable E-Waste Management				53	74	Book chapter
3083	Poornima P.; Reddy B.R.S.	Multi-Physics Design and NSGA-II Optimization of a Triple-Functional Solar Module	2025	2025 IEEE International Conference on Advanced Computing Technologies, ICACT 2025				802	806	Conference paper
3084	Rao K.C.; Nataraj D.; Chakradhar K.S.; Ujwala G.V.; Sudhir B.; Lakshmunaidu M.; Dadi H.S.	An Integrated Dual Antenna for Multi-Band Satellite Communication Applications	2025	Engineering, Technology and Applied Science Research	15	3		23707	23713	Article
3085	Goundar S.; Reddy Madhavi K.; Avanija J.	Quantum Computing: The Past, the Present, and the Future	2025	Quantum Computing: the Past, the Present, and the Future				1	566	Book
3086	Kathir I.; Kola R.; Kerur S.S.; Dhanalakshmi S.; Vani M.S.; Vijayakumar B.; Dhanraj J.A.	Innovations in Nanomaterial Synthesis for Advanced Applications	2025	AIP Conference Proceedings	3300	1	020029			Conference paper
3087	Sushma K.; Surendra G.; Bagade O.M.; Jahnavi P.; Averineni A.; Rani S.; Kiran V.; Gupta P.S.	Metallic Nanocarriers for Targeted Delivery of Anticancer Drugs: Advances and Therapeutic Potential	2025	Journal of Applied Organometallic Chemistry	5	4		508	534	Review
3088	Jayakumar D.; Balamanikandan A.; Hareesh S.; Kumar S.S.; Jayanthi R.; Reddy N.S.	Nanotechnology in Drug Delivery: Targeted Therapies for Precision Medicine	2025	Journal of Solar Energy Research	10	2		2234	2252	Article
3089	Ugandar R.E.; Khatana K.; Ramya M.; Sudha D.; Raja L.; Praveena H.D.; Rajendiran M.	Design and Implementation of universal converter using ANN controller	2025	AIP Conference Proceedings	3300	1	020019			Conference paper
3090	Suresh K.; Parimalasundar E.; Arunraja A.; Ellappan V.; Ware E.T.	Artificial Intelligence-Based Power Management System for a DC Micro-Grid	2025	Scientific Reports	15	1	3501			Article
3091	Prakash G.; Dharmaprakash R.; Sujatha M.S.; Shafreen Parvez S.; Reddy J.K.	Thermal and mechanical performance of geopolymer concrete with recycled aggregate and copper slag as fine aggregate	2025	SSRG International Journal of Electrical and Electronics Engineering	12	10		110	122	Article
3092	Sahu A.; Kumar P.; Pratap B.; Gogineni A.; Sembeta R.Y.	Predicting groundwater fluoride levels for drinking suitability using machine learning approaches with traditional and fuzzy logic models-based health risk assessment	2025	Scientific Reports	15	1	28968			Article
3093	Karunanidhi D.; Hari Raj M.R.; Prapanchan V.N.; Subramani T.	Scalable Deep Neural Network Training: Overcoming Memory Constraints with Performance Preservation	2025	Geoscience Frontiers	16	4	102087			Article
3094	Kumar K.R.; Sivakumar C.		2025	ASEAN Journal of Scientific and Technological Reports	28	5	e256270			Article

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3095	Sivakumaran A.R.; Anitha C.; Arunraj M.; Ebinezer M.J.D.; Babu V.S.; Gokila S.	Mitigating Air Pollution Risks with Deep Learning: A Quantum-Optimized Approach for Nitrogen Dioxide Prediction in Los Angeles	2025	Journal of Machine and Computing	5	2		709	719	Article
3096	Morampudi P.; Somayajula V.S.P.; Vuppala S.N.V.R.; Tarigonda H.; Thotakuri M.	A review on aluminum metal matrix composite: Recent trends in evaluation of mechanical, corrosion and tribological properties in power metallurgy process	2025	AIP Conference Proceedings	3342	1	070007			Conference paper
3097	Anitha C.; Bibhu V.; Ghutke P.; Shende P.C.; Harne S.; Sasikala G.	Nonlinear PDE models for deep learning architecture stability analysis	2025	Journal of Interdisciplinary Mathematics	28	6		2131	2139	Article
3098	Neeraja P.; Kushal B.; Kumar B.S.; Bala Subramanyam D.V.; Reddy G.R.K.	Edubot: Simplifying Access to Course Information, Admission process, and Campus Navigation for Admissions	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7758	7764	Conference paper
3099	Gudla M.; Reddy S.S.; Putta P.	Automated phase segmentation and volume fraction analysis of ZrC-reinforced aluminum matrix composites using image processing techniques	2025	Russian Physics Journal	68	8		1193	1200	Article
3100	Krishnamoorthy V.; Sivanantham S.; Akshaya V.; Nivedha S.; Depuru S.; Manikandan M.	A Novel Deep Learning Framework for Enhanced Glaucoma Detection Using Attention-Gated U-Net, Deep Wavelet Scattering, and Vision Transformers	2025	Journal of Electronics, Electromedical Engineering, and Medical Informatics	7	2		520	532	Article
3101	Basi Reddy A.; Anoosha K.; Lohith A.; Manidhar G.; Balaji M.	Advanced Network Packet Capturing Tool with Real-Time Traffic Analysis and Multi-Protocol Support	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				480	485	Conference paper
3102	Manickavasagam I.; Srinivasan V.; Umasankar Y.; Alagesan J.	Preliminary effects of robotic-assisted gait training in post-stroke patients: A pilot study	2025	Bangabandhu Sheikh Mujib Medical University Journal	18	4	e84607			Letter
3103	Pote X.R.; Hemavathi R.; Anil Kumar N.; Santhosh S.; Krishnan T.; Rajendran V.P.	Data Protection and Security Management in the 6G Era: Addressing High Density Cloud Computing Challenges	2025	Journal of Machine and Computing	5	3		1427	1438	Article
3104	Muchumarri R.M.R.; Venkata Nadh R.; Kalla R.M.N.; Varalakshmi M.; Golla M.	Efficient green synthesis of biscoumarins catalyzed by disodium tungstate	2025	Synthetic Communications	55	15		1167	1177	Article
3105	Tarigonda H.; Kumar Y.B.K.; Kala L.K.; Krupakaran R.L.	Development of Composite PCM to Enhance Heat Transfer Rate with the Addition of Nanoparticles in Thermal Energy Storage	2025	SAE Technical Papers						Conference paper
3106	Gogineni A.; Kale R.V.; Roy S.; Modi P.; Kumar P.	Spatial assessment of snow cover patterns in the Sutlej River Basin using machine learning approaches and remote sensing data	2025	Physics and Chemistry of the Earth	140		103996			Article
3107	Kotha K.K.; Rajasekhar E.S.K.; Bukke S.P.N.; Veluru H.; Kumarachari R.K.	Hybrid machine learning optimization models for disease prediction	2025	AI Model Design and Data Management for Disease Prediction				59	96	Book chapter
3108	Dhinakaran D.; Edwin Raja S.; Ramathilagam A.; Vennila G.; Alagulakshmi A.	Ethical and legal challenges with IoT in home digital twins	2025	MethodsX	14		103409			Review
3109	Bommy M.; Moorthy K.S.; Amalraj M.A.J.; Krishnaveni S.; Rani D.L.; Anand M.C.J.; Sudhakar M.; Ramkumar R.	Advanced Feature Learning for Multi-Scenario Rankings: The Maria Framework for Product Recommendations	2025	AIP Conference Proceedings	3270	1	020238			Conference paper
3110	Nagaraj K.; Gurupriya R.; Shah M.; Hessini K.; Velmurugan G.; Raja K.; Badgujar N.P.	Pharmaceutical evaluation of cis-[co(trien)(4-CNP)(C ₁₂ H ₂₅ NH ₂)] ³⁺ : A metallo-surfactant with DNA/tRNA affinity and broad-spectrum bioactivity	2025	Journal of Molecular Liquids	435		128173			Article
3111	Parimalasundar E.; Suresh K.; Kumar B.H.; Chandrika V.S.	Enhancing grid-connected solar PV systems with multilevel inverter technology	2025	Modern Power Converters for Renewable Energy Applications: Modeling, Analysis, Design, and Control				176	205	Book chapter
3112	Keerthi D.S.; Vishwanath P.; Ramulu K.P.; Anjinappa G.; Praveena H.D.	Joint Optimization of User Association and Power Allocation in Wireless Networks Using a Large Spatio-Temporal Graph Transformer Model	2025	Internet Technology Letters	8	6	e70131			Article
3113	Ramaraj S.; Kumar N.M.G.; Sreeja B.P.; Anusha P.; Saidala R.K.; Selvameena R.; Pandey D.	Transforming communication protocols: Secure data with IoT-enabled devices controlled by brain-computer interfaces	2025	Brain-Computer Interfaces and Applications in Business				1	26	Book chapter
3114	Maheswara Reddy P.; Imtinaro L.; Choudhary J.S.; Chandan Suravi M.; Shila Hijam D.; Pankaj N.; Susanta B.; Shankara Murthy M.	Documentation and taxonomic studies of Lepidopteran fruit borers infesting Litchi in Nagaland, India, with a new distributional record for the country	2025	Journal of Horticultural Sciences	20	2				Article
3115	Pasupuleti T.; Natarajan M.; Raju D.; Krishnamachary P.C.; Silambarasan R.	Optimization of Wire Electrical Discharge Machining Parameters for Invar 36 Material Using Regression Modeling	2025	SAE Technical Papers						Conference paper
3116	Konkala D.; Reddy M.K.	ConvViT Driven Multi Context Feature Fusion for Sustainable Pest Monitoring in Agriculture	2025	Journal of Machine and Computing	5	3		1331	1348	Article
3117	Rao B.N.K.	Deepfake Face Detection System for Differentiating Real and Authentic Images	2025	AI-Driven Approaches for Fully Automated Smart Engineering				269	286	Book chapter
3118	Sudhakar P.N.; Veparala V.K.	Design of GNRFET Ternary Circuits using Pass Transistor Logic (PTL)	2025	AIP Conference Proceedings	3237	1	060044			Conference paper

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3119	Natrayan L.; Karthick M.; Krishna C.B.; Velmurugan G.; Chaithanya M.S.; Maranan R.; Mammo W.D.	Experimental investigation of photocatalytic degradation and antioxidant activities of biosynthesized gold nanoparticles from royal poinciana tree leaves	2025	Discover Applied Sciences	7	8	838			Article
3120	Kumar A.L.N.A.; Sarveswara Reddy S.; Rajasekhar T.	Effect of spark plasma sintering on the addition of ZrO2 particles to AA7075/B4C composite and its mechanical properties	2025	Russian Physics Journal	68	5		690	696	Article
3121	Dasaraju S.R.; Nallamalli V.R.B.; Rajendran J.; Chennamsetty M.R.; Jain V.; Painoli G.K.	Enhancing Strategy and Governance Through AI Driven Behavioural Competency Analytics: An ML Model for Competency Development	2025	Journal of Machine and Computing	5	4		2574	2590	Article
3122	Sambana B.; Keerthana K.; Sandeep B.; Vardhan K.V.; Sai Kiran B.; Prakash M.S.	EfficientNet and Vision Transformers for Alzheimer's Detection and Diagnosis	2025	Proceedings - 2025 5th International Conference on Expert Clouds and Applications, ICOECA 2025				489	494	Conference paper
3123	Kumar P.; Gogineni A.; Ammarullah M.I.	Sustainable bioengineering approach to industrial waste management: LD slag as a cementitious material	2025	Discover Sustainability	6	1	242			Article
3124	Kaliyaperumal R.; Nagaraj K.; Shah M.; Hessini K.; Kasilingam T.; Kumaravel T.; Gokulan R.; Meenakshisundaram Balasubramaniam L.; Nakshatra U.; Sam S.	Synthesis, Optical properties, Engineered BiO-BaO Nanocomposite: a High-Performance Material for Antimicrobial, Antioxidant, and Biomedical Applications	2025	BioNanoScience	15	3	382			Article
3125	Hemalatha V.; Roupal S.; Nagasubramanian V.; Dev B.; Rajendran S.D.	Activated leukocyte cell adhesion molecule/CD166 as a non-invasive biomarker in women with breast cancer	2025	Clinical Epidemiology and Global Health	33		101974			Article
3126	Meena C.; Kavitha K.	Deep Learning-Driven Computer Vision Techniques for Advancing Smart Greenhouse Agriculture	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025				24	30	Conference paper
3127	Singh A.R.; Seshu Kumar R.; Bajaj M.; Hemanth Kumar B.; Blazek V.; Prokop L.	A blockchain-enabled multi-agent deep reinforcement learning framework for real-time demand response in renewable energy grids	2025	Energy Strategy Reviews	62		101905			Article
3128	Raj P.; Kumar P.; Sharma D.P.; Saini K.; Narendra Kumar Rao B.; Kosuri H.; Challa N.P.; Ranjana R.	Engineering the metaverse: Enabling technologies, platforms and use cases	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				1	438	Book
3129	Mohan C.N.; Ayyadurai V.; Nagaraj K.; Kumar P.V.; Raja K.; Suganthi P.; Muthukumar C.; Stalin A.	Green synthesis of copper hydroxide nanorods using Solanum pubescens leaf extracts: a promising approach for antimicrobial, antioxidant, and anticancer applications	2025	3 Biotech	15	9	277			Article
3130	Sivaperumal N.; Jothimani G.; Stonier A.A.; Peter G.; Arun V.; Ganji V.	Enhanced one stage interleaved PFC Cuk configuration-based EV charger with reduced components	2025	Computers and Electrical Engineering	126		110497			Article
3131	Marimuthu M.; Kadiri P.; Ganapathy S.; Kumar Pandiyan V.	Energy efficient optimization of renewable energy dispatch using blockchain-verified deep reinforcement learning controllers	2025	Sustainable Computing: Informatics and Systems	48		101256			Article
3132	Suganya Y.; Sree C.S.; Kayalvili S.; Jebadurai D.J.; Vani M.S.; Dhivya S.; Sivakrishna K.; Reddy R.V.K.	Enhancing Cryptocurrency Market Predictability Using Artificial Intelligence: A Platform for Predicting Prices and Trends of Bitcoin, Ethereum, and Cardano	2025	International Journal of Basic and Applied Sciences	14	2		504	519	Article
3133	Kumar Y.B.K.; Yb K.; Tarigonda H.; Reddy M S.S.	Preparation of Copper Antimony Sulfide Thin Film Solar Cells by Chemical Synthesis	2025	SAE Technical Papers						Conference paper
3134	Venkatadri K.; Dharmaiah G.; Balamurugan K.S.; Rama Prasad J.L.; Chamkha A.J.	Simulation of Hydromagnetic Williamson Nanofluid Flow with Melting Heat Transfer and Activation Energy Across a Porous Exponential Stretching Surface	2025	International Journal of Applied and Computational Mathematics	11	2	74			Article
3135	Mounika V.; Gowd T.Y.M.; Lakshminarayana D.; Krishna G.V.; M Y.; Reddy I.V.S.; Soumya B.K.; Chamuah S.; Singh Y.D.; Reddy P.M.	Sweet potato (Ipomoea batatas (L.) Lam): a comprehensive review of its botany, nutritional composition, phytochemical profile, health benefits, and future prospects	2025	European Food Research and Technology	251	10		3225	3239	Review
3136	Karri V.S.S.K.; Kathirvel S.; Dinesh Kumar J.; Manohara M.; Madhavarao S.; Sharma V.; Bohidar S.K.; Sivasubramanian G.	Investigation on the Mechanical and Thermal Properties of Hemp/Polyester Composites with Integrated Zirconium Dioxide (ZrO2) Nanoparticles	2025	AIP Conference Proceedings	3270	1	020253			Conference paper
3137	Noorbhasha R.; Natnael T.A.; Yathaluru M.	N-IDEALS OF ALMOST DISTRIBUTIVE LATTICES	2025	Algebraic Structures and their Applications	12	2		141	153	Article
3138	Kaliyaperumal R.; Nagaraj K.; Badgujar N.P.; Kasilingam T.; Poovan V.; Kumaravel T.	Enhanced Antimicrobial Activity of Bismuth Oxide Doped Copper Oxide Nanocomposites Synthesized via Co-Precipitation: Influence of Composition and Morphology	2025	BioNanoScience	15	3	399			Article
3139	Rahaman M.; Gazi K.H.; Rabih M.; Alamin A.; Razzaq O.A.; Khan N.A.; Mondal S.P.; Alam S.	Solutions of Linear Homogeneous Fuzzy Fractional Differential Equations Using the Mittag-Leffler Function	2025	Journal of Uncertain Systems	18	4	2550013			Article
3140	Raju V.; Basamma S.; Gatchakayala N.B.; Singh B.; Satyanarayana J.V.; Kiran M.G.; Sridhar W.; Dhangar B.K.; Reddy D.M.; Malla R.	Influence of calcination temperature of GdFeO3fillers on the mechanical energy harvesting, dielectric, ferroelectric, and energy storage properties of PVDF composites	2025	Ceramics International	51	25		44116	44125	Article
3141	Cheepati K.R.; Reddy V.M.K.; Prasad A.; Kamalakkannan S.; Parimalasundar E.; Dharmaprakash R.	Design and Implementation of a Photovoltaic Solar Powered Ice Cube Making Machine for off Grid Applications	2025	SSRG International Journal of Electrical and Electronics Engineering	12	5		23	31	Article

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3142	Kumar B.M.; Chakradhar K.S.	Deep Learning Based Automated Detection of Arcus Senilis and Its Clinical Risks in Ocular Health	2025	International Journal of Computational and Experimental Science and Engineering	11	2		2171	2176	Article
3143	Parimalasundar E.; Muthukaruppasamy S.; Sendil Kumar S.; Dharmaprabakash R.; Jayakumar S.; Nageswara Prasad T.	A Novel Modified Multilevel Inverter for Improved Performance in Renewable Energy Systems	2025	SSRG International Journal of Electrical and Electronics Engineering	12	5		138	152	Article
3144	Jagannati V.; Gurram M.; Turaka S.; Naidu B V.V.; Verma G.K.; Krishnan P.K.; Sarimalla R.; Sebaey T.A.; Bandaru A.K.	Review of tensile anisotropy in laser powder bed fusion 316L stainless steel: Build orientation effects and optimisation using machine learning	2025	Journal of Materials Research and Technology	38			5318	5341	Article
3145	Ezhilvannan P.; Padmavathi A.V.; Hani U.; Dhote V.P.; Kumar B.H.; Singh A.R.	A novel switched-capacitor multilevel inverter for efficient voltage level generation	2025	Bulletin of Electrical Engineering and Informatics	14	3		1735	1745	Article
3146	Somsale L.N.; Gopalan V.	Interlaminar shear and impact properties of particle reinforced jute fiber/epoxy hybrid composites	2025	Journal of Reinforced Plastics and Composites	44	17-18		1177	1189	Article
3147	Faysal M.	Clinical insights into the mechanisms of infectious microbes and microbiota in chronic neurologic and psychiatric diseases	2025	Pathol. Res. Pract.	272					Article
3148	Fazuruddin S.; Arigela S.; Shobha A.; Raja Rajeswari V.; Venkatadri K.	INFLUENCE OF LORENTZ FORCE AND ARRHENIUS ACTIVATION ENERGY ON RADIATIVE BIO-CONVECTIVE MICROPOLAR NANOFLUID FLOW WITH MELTING HEAT TRANSFER OVER A STRETCHING SURFACE	2025	East European Journal of Physics	2025	3		194	208	Article
3149	Ranjitha B.; Thakur M.K.; Tiwari M.; Anitha N.; Manshath A.; Imran S.M.	Machine learning for optimal matching management techniques with vehicular network communication models	2025	Networking, Transport, and Quality of Service in Vehicular Networks				69	86	Book chapter
3150	Karunanidhi D.; Raj M.R.H.; Roy P.D.; Subramani T.	Integrated machine learning based groundwater quality prediction through groundwater quality index for drinking purposes in a semi-arid river basin of south India	2025	Environmental Geochemistry and Health	47	4	119			Article
3151	Soundaryashree N.R.; Chandan R.S.; Singamaneni V.R.; Nagidi H.R.; Patel G.; Vidiyala N.; Sumanya H.; Dharmamoorthy G.	Development and Validation of RP-HPLC Method for Quantification of Bamifylline in Pharmaceutical Formulations using Analytical Quality by Design (AQbD) Principles	2025	Advanced Journal of Chemistry, Section A	8	12		2076	2097	Article
3152	Natesan S.; Sivakumar C.	Ensemble Deep Learning-Based Ddos Classification in Sflow-Enabled Software-Defined Networking	2025	International Journal of Engineering Trends and Technology	73	6		292	301	Article
3153	Kim H.; Thirumalaisamy K.; Venkatadri K.	Computational analysis of magnetohydrodynamic buoyancy-driven flow and thermal transmission within a circular dome-shaped porous enclosure using finite difference scheme	2025	International Journal of Numerical Methods for Heat and Fluid Flow	35	5		1642	1679	Article
3154	Logabiraman G.; Ganesh D.; Lakkireddy V.R.; Chaitanya I.; Karra K.; Swathi D.; Chilumula G.R.; Hwsein R.R.	A novel hybrid machine learning approach for analysis and detection of malicious mobile applications	2025	AIP Conference Proceedings	3361	1	050043			Conference paper
3155	Vijayakrishna B.; Mrudula G.; Sagar Y.; Prakash P.; Janaki D.V.; Satyanarayana M.V.N.V.	Mechanical Properties Enhancement in Friction Stir Processed AA2024 Alloy through Pin Profile Optimization	2025	Journal of The Institution of Engineers (India): Series D	106	2		1221	1233	Article
3156	Ramayanam N.R.; Bukke S.P.N.; Moka M.K.; Dehingia H.; Bordoloi A.; Debbarma R.; Kudumula P.R.; Vuyyala B.; Prasad P.D.; Catherine A.	Advances in nanoparticle-based doxorubicin delivery: precision strategies for targeted treatment of triple-negative breast cancer	2025	Discover Nano	20	1	111			Review
3157	Natarajan M.; Pasupuleti T.; Kumar V.; Sagaya Raj G.; Krishnamachary P.C.; Silambarasan R.	Optimization of WEDM Parameters for Invar 36 Automotive Components Using Taguchi-Grey Relational Analysis	2025	SAE Technical Papers						Conference paper
3158	Chandra Babu J.; Reddy Madhavi K.	Local Interpretable Model Agnostic with Dual Path Network for Abnormality Detection and Classification in Biological Systems	2025	Journal of Machine and Computing	5	3		1403	1416	Article
3159	Natarajan M.; Pasupuleti T.; Sagaya Raj G.; Silambarasan R.; Kiruthika J.	Performance Forecasting in Nickel Alloy Machining: A Study for Aerospace Engineering Applications	2025	SAE Technical Papers						Conference paper
3160	Singh A.R.; Sujatha M.S.; Kadu A.D.; Bajaj M.; Addis H.K.; Sarada K.	A deep learning and IoT-driven framework for real-time adaptive resource allocation and grid optimization in smart energy systems	2025	Scientific Reports	15	1	19309			Article
3161	Kaliyaperumal R.; Suresh S.; Rajaraman D.; Shah M.; Wahid J.B.A.; Kasilingam T.; Kumaravel T.; Jaganathan R.; Nagaraj K. Sathish T.; Kumar I.; Kulkarni M.; sathyamurthy R.; Ganesh R.S.; Reddy P.N.K.; Al-Enizi A.M.; Pandit B.; Gupta M.; Shahazad M.; Yusuf M.	CuO@CdO/MgO Nanocomposites: Composition-Driven Photocatalysis, Energy Storage, and Biocompatibility	2025	Chemical Engineering and Technology	48	12	e70142			Article
3162		Sustainable hydrogen production from waste of expired breads through supercritical water gasification	2025	International Journal of Hydrogen Energy	107			341	349	Article
3163	Charishma M.; Arun V.	Compact 9-Level Double Boost Inverter (C9LDBI) with SPWM Control	2025	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025				56	60	Conference paper
3164	Rahaman M.; Chalishajar D.; Gazi K.H.; Alam S.; Salahshour S.; Mondal S.P.	Fractional Calculus for Type 2 Interval-Valued Functions	2025	Fractal and Fractional	9	2	102			Article

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3165	Arunraja A.; Kishorekumar R.; Sangeetha D.; Dharmaparakash R.; Bharaty K.S.; Balamaniandan A.	A Novel Investigation on p-GaN GATE with and without AlGa _N Back Barrier for AlGa _N /Ga _N High Electron Mobility Transistors	2025	Journal of VLSI Circuits and Systems	7	1		167	175	Article
3166	Ganai A.H.; Bhutani M.; Khanday H.A.; Manzoor H.	Prioritizing organizational users with information dissemination tree-based network analysis	2025	International Journal of Information Technology (Singapore)	17	8		4531	4542	Article
3167	Shaik A.K.; Shuaib Y.M.; Vijayakumar A.; Karakilic M.; Jammy R.R.	A novel seventeen level switched capacitor multilevel inverter topology with octuple voltage gain	2025	Engineering Research Express	7	3	035338			Article
3168	Muthukaruppasamy S.; Thomas G.A.S.; Gopal J.N.; Parimalasundar E.	Blockchain and AI solutions for smart EV charging	2025	Modern Power Converters for Renewable Energy Applications: Modeling, Analysis, Design, and Control				440	476	Book chapter
3169	Uppada S.; Yanda S.; Kandi K.K.; Prakash P.; Janaki D.V.	Effect of Accumulative Roll Bonding on Microstructure and Mechanical Behavior of Al6061	2025	Journal of The Institution of Engineers (India): Series D	106	1		599	610	Article
3170	Manohara M.; Vijaya kumar Y.N.; Sridhar S.; Nageswara Prasad T.; Leela Rani D.; Rajashekar B.	Power Quality Enhancement in Standalone DFIG-Based Wind Farms Using E2PLL-Controlled D-Statcom	2025	SSRG International Journal of Electrical and Electronics Engineering	12	9		109	118	Article
3171	Karunanidhi D.; Aravinthasamy P.; Jayasena H.C.; Subramani T.; Adimalla N.	Groundwater quality estimation for drinking and irrigation suitability in a drought-prone region of south India with health hazard computation and spatial analysis using GIS	2025	Environmental Earth Sciences	84	17	503			Article
3172	Prabaharan G.; Udhaya Sankar S.M.; Anusuya V.; Jaya Deepthi K.; Lotus R.; Sugumar R.	Optimized disease prediction in healthcare systems using HDBN and CAEN framework	2025	MethodsX	14		103338			Article
3173	Venkateswara Rao J.; Prem Kumar G.; Spoorthi Sree P.; Siva Bharath G.; Jai Divya T.; Mohan Chandu U.; Nadendra R.R.	OUTCOMES OF OMEGA-3-FATTY ACID SUPPLEMENTATION ON INSULIN RESISTANCE	2025	Pharma Times	57	3		12	15	Article
3174	Rao B.N.K.; Singh N.Y.; Sathvik Chowdari P.; Reddy M.N.K.; Muni Sreenivas M.C.	Food image recognition and calorie estimation	2025	Optimizing Smart and Sustainable Agriculture for Sustainability				95	114	Book chapter
3175	Arunvivek G.K.; Bari J.A.; Sarathkumar S.C.; Jeevanandan K.	Experimental Investigation on Utilizing Treated Dyeing Effluent in Utility Blocks	2025	IFAC-PapersOnLine	59	8		635	641	Conference paper
3176	Narendra Kumar Rao B.; Taz S.S.	The metaverse as an educational tool: Enhancing learning with blockchain technology	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				297	312	Book chapter
3177	Dharmaparakash R.; Sarada K.; Parvathi; Kumar B.H.; Parimalasundar E.; Priyanka R.	A Hybrid Reliable Five-Level Fault-Tolerant Inverter for Renewable Energy Sources	2025	International Journal of Electrical and Electronics Research	13	3		457	462	Article
3178	Wekalao J.; Mandela N.; Selvam A.K.; Venugopal S.; Ravi D.; Pandian P.; Babu A.J.; Leon M.L.; Rashed A.N.Z.	Graphene Metasurface Based Biosensor for COVID-19 Detection in the Terahertz Regime with Machine Learning Optimization using K-Nearest Neighbours Regression	2025	Plasmonics	20	7		5447	5469	Article
3179	Ramani K.; Suneetha I.; Pushpalatha N.; Harish P.	GuardianMeds: Empowering elderly care with IoT medication monitoring	2025	Ambient Assisted Living (AAL) Technologies: Transitioning from Healthcare 4.0 to Healthcare 5.0				40	54	Book chapter
3180	Narayan Y.; Sandhu M.; El-Ebiary Y.A.B.; Ashokkumar N.	Fuzzy interface drug delivery decision-making algorithm	2025	Artificial Intelligence and Cybersecurity in Healthcare Cyber Physical Systems				365	380	Book chapter
3181	Kothandan P.; Pushpavalli R.; Thirumalaikumari T.; Selvanathan P.; Sunitha P.; Nimmagadda P.; Subburayalu G.	A Chic Giza reformed deep attention model (GizRAM) for opinion mining on Twitter with text and emojis	2025	Iran Journal of Computer Science	8	3		825	841	Article
3182	Geetha N.; Sunitha G.	Path Aggregation Network based WATT-EffNet for Unmanned Aerial Image Classification	2025	SSRG International Journal of Electronics and Communication Engineering	12	9		108	117	Article
3183	Burada S.; Manjunathswamy B.E.; Kumar M.S.	Deep ensemble model for skin cancer classification with improved feature set	2025	Multimedia Tools and Applications	84	10		7599	7626	Article
3184	Gazi K.H.; Biswas A.; Singh P.; Rahaman M.; Maity S.; Mahata A.; Mondal S.P.	A Comprehensive Literature Review of Fuzzy Differential Equations with Applications	2025	Journal of Fuzzy Extension and Applications	6	1		134	161	Review
3185	Reddy K.T.K.; Rakesh K.; Prathyusha S.; Gupta J.K.; Nagasree K.; Lokeshvar R.; Elumalai S.; Prasad P.D.; Kolli D.	Revolutionizing Diabetes Care: The Role of Marine Bioactive Compounds and Microorganisms	2025	Cell Biochemistry and Biophysics	83	1		193	213	Review
3186	Sushama C.; Rafee S.M.; Kumar A.S.; Srilakshmi A.; Subbulakshmi R.; Subramanian B.	CENTRAL LINE ASSOCIATED BLOODSTREAM INFECTION PREDICTION USING DEEP ATTENTION NETS IN THE HEALTHCARE FIELD	2025	Informing Science	28		Article 13			Article
3187	Babu T.A.; Reddy K.V.V.; Reddy D.V.; Rao M.V.N.; Satyanarayana T.V.V.	Joint TL-SCL-BPPC Decoder for the Double Deep Polar Codes	2025	Wireless Personal Communications	141	46115		519	542	Article
3188	Arunvivek G.K.; Bari J.A.; Sarathkumar S.C.; Jeevanandan K.	Experimental Investigation on Utilizing Treated Dyeing Effluent in Utility Blocks	2025	Procedia Structural Integrity	70			635	641	Conference paper
3189	Nachippan N.M.; Padmanabhan S.; Jaichandar S.; Udayakumar A.S.M.; Manivannan J.; Sarangapani P.	Exploring Low Temperature Combustion Technologies for Enhanced Energy Efficiency and Sustainable Transportations	2025	Journal of Environmental Nanotechnology	14	3		1	10	Article
3190	Dua T.; Kumawat R.; Singh N.; Sharma J.; Srinivasulu A.	High Speed Energy Efficient Latch Architectures for Sequential Circuit Design	2025	Journal of VLSI Circuits and Systems	7	1		56	65	Article
3191	Sailaja G.; Rao B.N.K.	EEG Based Sentiment Classification Using XGBoost: A Machine Learning Approach for Emotion Recognition	2025	Journal Europeen des Systemes Automatises	58	4		853	861	Article

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3192	Suresh K.; Parimalasundar E.; Arunraja A.; Ellappan V.; Ware E.T.	High-efficiency stepdown/step-up converter for series-connected energy storage system	2025	Scientific Reports	15	1	7726			Article
3193	Ramesh O.; Tarakaramu N.; Lakshmi G.Y.; Basha S.S.; Iskandarov S.; Toyirov A.; Yuldoshev J.; Sabirov S.; Prashanth K.K.	Planarity of Intuitionistic Pythagorean Fuzzy Graphs and Its Application in Decision Making	2025	European Journal of Pure and Applied Mathematics	18	3	6372			Article
3194	Reddy L.V.; Manisha B.; Mishra G.; Ganesh B.R.; Ganesh D.; Venkatraman A.	Application of hidden markov models for efficient speech to text summarization on timit dataset	2025	AIP Conference Proceedings	3263	1	150007			Conference paper
3195	Thottempudi P.; Konduru R.M.; Valiveti H.B.; Kuraparthi S.; Kumar V.	Digital health resilience: IoT solutions in pandemic response and future healthcare scenarios	2025	Discover Sustainability	6	1	144			Review
3196	Rangasamy S.; Sudhakaran S.; Vijayakumar A.	Power System Stability Improvement Using Bio - Inspired Modified Tyrannosaurus Optimizer Tuned SSSC Controller	2025	AIP Conference Proceedings	3279	1	020161			Conference paper
3197	Ramalingam S.; Hassan W.H.; Subramanian M.; Khan M.I.; Elkamchouchi D.H.; Tarakaramu N.; Prashanth K.K.	Synergies for sustainability: Renewable energy, urban planning, and green industry in carbon emission reduction	2025	Sustainable Futures	10		101222			Article
3198	Ravishankar S.; Jemila M.R.M.; Pillai H.P.J.S.; Venkatanaresh M.; Vidhushini P.; Dhanraj J.A.; Rajendiran M.	Nanoparticles in drug delivery: A path to personalized medicine	2025	AIP Conference Proceedings	3300	1	020037			Conference paper
3199	Kumar P.; Gogineni A.; Kumar A.; Modi P.	A Comparative Analysis of Machine Learning Algorithms for Predicting Fundamental Periods in Reinforced Concrete Frame Buildings	2025	Iranian Journal of Science and Technology - Transactions of Civil Engineering	49	3	110765	2257	2276	Article
3200	Madhusudhan Reddy B.; Harisankar P.; Suresh Kumar G.; Meenakshi Reddy R.; Ananthakrishna N.; Mohan Reddy Y.V.	Enhancement of mechanical and structural characteristics through the hybridization of carbon fiber with Cordia-dichotoma/polyester composite	2025	Polymer Composites	46	2		1803	1814	Article
3201	Ravuri A.; Malik K.; Krishna K.H.; Das A.; Bhattacharjee R.; Dhanraj J.A.	Application of Artificial Intelligence for Enhancement of Privacy and Security in Smart Environment	2025	Advances in AI for Cloud, Edge, and Mobile Computing Applications				73	94	Book chapter
3202	Khan Y.; Asdaque P.M.G.B.; Manisha; Singh P.K.; Sivakumar K.K.; Gautam R.K.S.	Thermodynamic, economic and environmental assessment of solid oxide fuel cell-based hybrid cogeneration system for power generation and water heating	2025	Journal of Thermal Analysis and Calorimetry	150	25		21079	21099	Article
3203	Matrouk K.M.; Rasappan P.; Bhutani P.; Mittal S.; Nisha A.S.A.; Konduru R.M.	Development of Heuristic Strategy With Hybrid Encryption for Energy Efficient and Secure Data Storage Scheme in Blockchain-Based Mobile Edge Computing	2025	Transactions on Emerging Telecommunications Technologies	36	2	e70057			Article
3204	Reddy L.N.; Kadiri P.	A Novel Blended Machine Learning Approach with TempoQA-Net for Crop Yield Prediction	2025	Engineering, Technology and Applied Science Research	15	4		25347	25353	Article
3205	Shariff V.; Kumar N.P.; Ashokkumar N.; Mandala S.K.; Ajmeera M.; Tirumanadham N.S.K.M.K.; Chiranjeevi P.	SGB-IDS: A SWARM GRADIENT BOOSTING INTRUSION DETECTION SYSTEM USING HYBRID FEATURE SELECTION FOR ENHANCED NETWORK SECURITY	2025	Journal of Theoretical and Applied Information Technology	103	11		4519	4531	Article
3206	Prabu R.T.; Balakrishnan B.; Praveena H.D.; Vijayan T.B.; Xavier B.M.; Perumal E.; Zain W.F.H.	High modulation effects on hybrid optical fiber links and OWC Channel based on optical DP-QSK transceiver systems	2025	Journal of Optical Communications	46	2		365	373	Article
3207	Harikrishna N.; Kumaraswamy I.	Reduced component Nine Level Inverter with Level Shifted Modulation Controls	2025	E3S Web of Conferences	616		03020			Conference paper
3208	Manubolu K.; Balakrishna T.; Pravallika C.N.V.V.; Ravi Shankar K.; Dogiparthi L.K.; Munna S.	Interdisciplinary perspectives in drug discovery	2025	Innovations in Drug Discovery: Exploring Cutting-Edge Strategies and Technologies				164	196	Book chapter
3209	Karunanidhi D.; Rajan M.; Roy P.D.; Subramani T.	Seasonal effects on groundwater fluoride and evaluating health hazards: In-situ remediation via managed aquifer recharge	2025	Geoscience Frontiers	16	5	102102			Article
3210	Basha S.J.; Elbarbary A.; Mahmoud H.A.; Venkatramana P.	High Performance and PVT Variation Tolerant Design for a Ternary Multiplier Using GNRFET Technology	2025	Circuits, Systems, and Signal Processing	44	7		4559	4585	Article
3211	Rajan M.; Karunanidhi D.; Roy P.D.; Subramani T.	Traditional and fuzzy logic models for evaluating health hazards from seasonal nitrate variations in groundwater of the Nagavathi River basin, South India	2025	Journal of Environmental Chemical Engineering	13	5	118195			Article
3212	Balasubramaniyan G.; Ganesan D.A.; Murugesan B.; Swaminathan B.; Karuppannan S.; Duraisamy K.	AHP and Geospatial technology-based assessment of groundwater potential zones in Natham taluk, Tamil nadu, India	2025	Scientific Reports	15	1	28045			Article
3213	Rajakumar P.; Balasubramaniam P.M.; Parimalasundar E.; Suresh K.; Aravind P.	Optimized placement and sizing of solar photovoltaic distributed generation using jellyfish search algorithm for enhanced power system performance	2025	Scientific Reports	15	1	20755			Article
3214	Al Amin M.; Zehravi M.; Sweilam S.H.; Shanmugarajan T.S.; Arjun U.V.N.V.; Nagaiyan M.B.; Reddy S.M.; Subash V.; swarnalatha K.M.; Pazhanikumar A.; Mart J.; Prasad P.D.; Khan M.I.; Ahmad I.; Emran T.B.	Clinical insights into catechin-based nanomedicine: a review of therapeutic potential in neurodegenerative diseases	2025	3 Biotech	15	9	294			Review

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3215	Karunanidhi D.; Raj M.R.H.; Rao N.S.; Subramani T.	Fuzzy logic model based health hazard appraisal for perchlorate rich groundwater used as drinking source in Arjunanadi River basin, Southern India	2025	Journal of Hazardous Materials Advances	18		100747			Article
3216	Prabu R.T.; Viruthachalam V.; Sweeti S.; Sree S.R.; Kumar C.R.; Addanki S.; Mahmoud S.A.	Long wavelength fluoride optical glass fibers performance signature in high speed local area data networks	2025	Journal of Optical Communications	46	4		799	808	Article
3217	Cherapanamjeri J.; Narendra Kumar Rao B.	Detection of partially occluded area in face image using U-Net model	2025	IAES International Journal of Artificial Intelligence	14	3		1863	1869	Article
3218	Vairavan C.; Ramaraju S.; Manigandan K.	Tackling Seafarer Abandonment: Root Causes, Key Challenges and Preventive Measures	2025	Journal of Maritime Research	22	2		73	79	Article
3219	Kumar K.N.; Vijayalakshmi L.; Prasanth P.V.; Vishwakarma P.K.; Saijyothi K.; Lim J.; Karim M.R.	Utilizing Tb3+-activated OD tin oxide quantum dots with bright green luminescence for photonic and potential anticancer applications: A multifunctional study	2025	Journal of Alloys and Compounds	1041		183902			Article
3220	Pasupuleti T.; Natarajan M.; Raju D.; Kiruthika J.; Katta L.N.; Silambarasan R.	Revolutionizing Titanium Alloy Machining: ANFIS Model for Advanced Machining Performance Optimization	2025	SAE Technical Papers						Conference paper
3221	Natarajan M.; Pasupuleti T.; Palanisamy D.; Katta L.N.; Silambarasan R.	Optimization of Fusion Deposition Modeling Parameters for PLA Material for Automobile Interior Using Taguchi Based TOPSIS Approach	2025	SAE Technical Papers						Conference paper
3222	Ganesan V.; Chohan J.S.; Narayanamoorthy K.; Raja D.E.; Maranan R.; Nagaraj M.; Barmavatu P.	Efficient Removal of Malachite Green Dye and Antioxidant Properties, Mechanical Analysis of Chitosan Film Dopped with Biosynthesized Iron Nanoparticle from Moringa Oleifera Leaf	2025	Water, Air, and Soil Pollution	236	4	239			Article
3223	Annamalai S.; Sundarababu J.; Konduri P.S.R.; Gunalan M.	Static, and Dynamic Analysis of Flywheel Using FEM	2025	International Research Journal of Multidisciplinary Scope	6	4		871	881	Article
3224	Nagarajan P.; Wekalao J.; Ashokkumar N.; Patel S.K.	Design and Analysis of a Plasmonic Metasurface-Based Graphene Sensor for Highly Sensitive and Label-Free Detection of COVID-19 Biomarkers	2025	Plasmonics	20	4		2109	2121	Article
3225	Pratap B.; Paswan R.K.; Kumar P.	Mechanical and micro-characterization of alkali-activated concrete under high-temperature exposure	2025	Structural Concrete	26	2		1911	1923	Article
3226	Lakshmi T.S.; Govindarajan M.; Srinivasulu A.	Embedding and Siamese deep neural network-based malware detection in Internet of Things	2025	International Journal of Pervasive Computing and Communications	21	1		14	25	Article
3227	Somsale L.N.; Thejasree P.; Narasimhamu K.L.; Natarajan M.; Velmurugan G.; Salunke D.R.; Sakhare V.P.; Kumar P.; Sembeta R.Y.	Experimental investigation and optimization of epoxy composites reinforced with jute fiber and alumina using the Jaya ANFIS approach	2025	Scientific Reports	15	1	30462			Article
3228	Vijayakanth V.; Kummara M.R.; Vijayababu M.; Chintagumpala K.; Al-Zahrani F.A.M.; Rosaiah P.	Synergistic effects in Co-doped NiFe2O4/rGO/MWCNT ternary nanocomposites for enhanced supercapacitor performance	2025	Diamond and Related Materials	158		112679			Article
3229	Lokesh G.; Baseer K.K.	A meta-heuristic approach-aided multi-objective strategy with optimal resource allocation via fault tolerant and priority-based scheduling for load balancing in cloud	2025	Wireless Networks	31	3		2419	2441	Article
3230	Ashokkumar N.; Suma N.; Kiruthikaa R.; Vijayakumar K.; Thilagavathi C.	End-To-End Anomaly Detection of Service Function Chains in Cloud-Native Systems Using a Self-Guided Quantum Generative Adversarial Network	2025	Internet Technology Letters	8	5	e70103			Article
3231	Arunvivek G.K.; Pradeepkumar C.; Vensheebadelin P.; Jebajeslin A.	Influence of Cenosphere on Mechanical Properties and Rheological Behavior of Portland Cement	2025	IFAC-PapersOnLine	59	8		540	547	Conference paper
3232	Prabakar D.; Krishna K.H.; Prabhu D.; Femila L.	Correction to: Classification of intrusion using Multi-Stream Generative Adversarial Networks in Wireless Sensor Networks (Peer-to-Peer Networking and Applications, (2025), 18, 2, (67), 10.1007/s12083-024-01846-0)	2025	Peer-to-Peer Networking and Applications	18	4	242			Erratum
3233	Nandini P.S.V.; Madala S.; Basamma S.; Gnana Kiran M.; Satyanarayana J.V.; Shivanarayana Ch.; Sri Sravan V.; Dhamodhara Naidu M.; Keerthi M.; Krishna Jyothi N.; Rao M.C.	Structural and Thermal Studies of NaNO3-based Polymer Electrolytes for Battery Applications	2025	ECS Journal of Solid State Science and Technology	14	5	053003			Article
3234	Khambhammettu G.L.; Geddavalasa V.S.Y.; Sagari J.; Vadapalli S.; Raghavarapu S.M.	Performance and emission characteristics of diesel engines running on nanofuel: an experimental and machine learning prediction study	2025	Emergent Materials	8	3		1491	1508	Article
3235	Pullaiah C.P.; SP P.P.; SK P.; Nimalapalli Y.; Birudala G.; Lahari S.; Vippamakula S.; Shakila R.; Ganjayi M.S.; Mitta R.	Exploring Withanolides from Withania somnifera: A Promising Avenue for Alzheimer’s Disease Treatment	2025	Current Pharmacology Reports	11	1	14			Review
3236	Suma K.G.; Gottumukkala S.; Sasi A.; Santhi Sri T.; Kotapati G.; Vatambeti R.; Rama Ganesh B.	Lung Tumor Detection using LW-convMLP Segmentation with Improved Golden Jackal Optimization-based DRNet-MM Classification	2025	Journal of Computing and Biomedical Informatics	10	1				Article

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3237	Sivam S.P.S.S.; Thejasree P.; Manikandan N.; Olaiya B.C.	Sustainable and cost-efficient machining of ZE41 magnesium alloy through optimization with Intuitionistic Fuzzy TOPSIS	2025	Scientific Reports	15	1	35875			Article
3238	Gupta D.K.; Jha A.V.; Sahu P.; Mohapatra S.; Dei G.; Appasani B.; Srinivasulu A.; Nsengiyumva P.	Load Frequency Control Analysis of Cyber-Physical Power System with Denial-of-Service Attack in Deregulated Power Markets	2025	Smart Grids and Sustainable Energy	10	1	22			Article
3239	Prabu R.T.; Mallan S.; Prasanth K.G.; Ravindra G.; Chitra M.P.; Rajalakshmi P.; Fathi S.H.	Performance signature for angular misalignment measurement of fiber to fiber connectors with minimum insertion loss and low distortion in optical fiber transceiver systems	2025	Journal of Optical Communications	46	4		775	786	Article
3240	Pasupuleti T.; Natarajan M.; Sagaya Raj G.; Silambarasan R.; Somsle L.N.	Process Parameter Prediction for Advanced Machining of Copper-Nickel Alloy Turbine Components	2025	SAE Technical Papers						Conference paper
3241	Ferdous A.H.M.I.; Khaton Z.; Sarker D.K.; Noor K.S.; Jebanazer J.; Krishnan K.; Naresh G.; Prabu R.T.; Rashed A.N.Z.	Next Generation Terahertz Biosensor Based Broadband Photonic Crystal Fiber for High Sensitivity Precision Kerosene Admixture Simultaneous Detection	2025	Brazilian Journal of Physics	55	1	6			Article
3242	Lella K.K.; Alluri S.; Chopparapu S.R.; Boddu N.; Jagadesh B.N.; Balakrishna N.; Reddy S.R.; Padma M.	ADVANCED AI- MACHINE LEARNING METHODS FOR IOT ENVIRONMENT ATTACK DETECTION USING MOUNTAIN GAZELLE OPTIMIZER WITH OPTIMAL DEEP BELIEF NETWORK	2025	Journal of Theoretical and Applied Information Technology	103	4		1279	1289	Article
3243	Thejasree P.; Manikandan N.; Rajesh N.; Lokanadham R.; Krishnamachary P.C.; Shubham K.; Olaiya B.C.	Application of Taguchi Grey-Based ANFIS model for prediction of process parameters in fused deposition modelling of PETG	2025	Scientific Reports	15	1	37398			Article
3244	Pasupuleti T.; Natarajan M.; Palanisamy D.; Silambarasan R.; Krishnamachary P.C.	Multi-Objective Optimization for Contemporary Drilling of Nimonic Alloy Using Taguchi-Grey Relational Analysis	2025	SAE Technical Papers						Conference paper
3245	Prasad S.S.; Singh A.; Murali N.V.; Chimmalagi U.; Jeevitha D.; Das U.; Adishesha K.; Sutradhar M.	ENZYME DYNAMICS IN AEROBIC PLANTS UNDER FLOOD STRESS (review)	2025	Sel'skokhozyaistvennaya Biologiya	60	5		792	809	Article
3246	Orekanti E.R.; Pushpanjali M.; Sri Hari Prasad M.; Sagi S.; Bojjala S.; Muppuru M.K.	Assessing the Phytoremediation Potential of Ornamental Plants in Heavy Metal-Contaminated Soils	2025	Journal of Solid Waste Technology and Management	51	4		421	439	Article
3247	Peter G.; Stonier A.A.; Arun V.; Iderus S.	Novel 9-Level Switched Capacitor Inverter with Reduced Components and Variable Frequency PWM	2025	2025 6th International Conference for Emerging Technology, INCET 2025						Conference paper
3248	He X.-W.; Marghade D.; Karunanidhi D.; Shelare S.; Soudagar M.E.M.; Khan T.M.Y.	MOF-based heterojunction nanocatalysts for selective CO ₂ photoreduction: Chemical engineering approaches to renewable fuels	2025	Chemical Engineering Journal	524		169657			Review
3249	Imran S.M.; Monikarchana Y.; Thakur M.K.; Anand M.C.J.; Anitha N.; Tiwari M.	Multi-criteria approaches in selecting optimal vehicle-to-vehicle communication protocols	2025	Networking, Transport, and Quality of Service in Vehicular Networks				151	173	Book chapter
3250	Pasupuleti T.; Natarajan M.; Ramesh Naik M.; Somsle L.N.; Silambarasan R.	Advanced AI Tools for Haste Alloy Machining: ANFIS Approach to Advanced Machining Optimization	2025	SAE Technical Papers						Conference paper
3251	Shanthi N.; Stonier A.A.; Sherine A.; Devaraju T.; Abinash S.; Ajay R.; Arul Prasath V.; Ganji V.	An integrated approach for mental health assessment using emotion analysis and scales	2025	Healthcare Technology Letters	12	1	e12040			Letter
3252	Kaliyaperumal R.; Nagaraj K.; Sakthikumar K.; Albeshr M.; Velmurugan G.	Green Synthesis and Characterization of ZnO/ α -Fe2O3 Nanocomposites Using Hydrocotyle umbellata Leaf Extract and Evaluation of Their Antimicrobial Properties	2025	Applied Organometallic Chemistry	39	4	e70121			Article
3253	Ganesh B.; Lakkireddy V.R.; Ganesh D.; Sneha S.; Sarma K.S.R.K.; Neeraj S.; Nageswari A.; Obbayed S.	Revolutionizing appointment scheduling in hospitals through AI and digital innovations	2025	AIP Conference Proceedings	3361	1	050045			Conference paper
3254	Kumar P.; Pratap B.; Sahu A.	Recycled aggregate with GGBS geopolymer concrete behaviour on elevated temperatures	2025	Journal of Structural Fire Engineering	16	1		118	137	Article
3255	Carol Praveen R.; Venketbabu T.; Ashokkumar N.; Zayani H.M.	Design and Analysis of Graphene-Based Square Ring and Thin Wire Resonator Surface Plasmon Resonance Biosensor for Adrenal Cancer Detection	2025	Plasmonics	20	11		9489	9500	Article
3256	Dinesh G.; Batakala J.; El-Ebiary Y.A.B.; Ashokkumar N.	IoT-based secured biomedical device to remote monitoring to the patient	2025	Artificial Intelligence and Cybersecurity in Healthcare Cyber Physical Systems				349	363	Book chapter
3257	Dhinakaran D.; Edwin Raja S.; Velselvi R.; Purushotham N.	Intelligent IoT-Driven Advanced Predictive Maintenance System for Industrial Applications	2025	SN Computer Science	6	2	151			Article
3258	Vasu G.T.; Fiza S.; Polamuri S.R.; Madhavi K.R.; Thejaswini R.; Guntreddi V.	Optimal Anisotropic Guided Filtering in retinal fundus imaging: A dual approach to enhancement and segmentation	2025	PLOS ONE	20	46210	e0329533			Article
3259	Rathinasabapathi G.; Kushwah R.; Sudha D.; Viswanathan T.; Das A.; Manohara M.; Monika; Sudhakar M.	Enhanced Air-Water Interface Solar Heating Using Electrochemically Reduced WC Nanotubes on Titanium Gauze: Implications for Industrial Photothermal Applications	2025	AIP Conference Proceedings	3270	1	020258			Conference paper

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3260	Prabu R.T.; Shibu S.; Thillaigovindan A.; Charulatha G.; Divya N.; Vijayakumar S.; Emam H.H.A.	Relative intensity noise management and thermal/shot noise control for high speed ultra high bandwidth fiber reach transmission performance	2025	Journal of Optical Communications	46	3		657	664	Article
3261	Kala L.K.; Madhuri K.; Reddy D.; Tarigonda H.; Krupakaran R.L.; Tharehallimata G.; Naidu B.V.V.	Optimization of Machining Parameters Based on Desirability Function Analysis for Stir Casted Aluminium Hybrid Metal Matrix Composites	2025	SAE Technical Papers						Conference paper
3262	Veeresh K.C.; Banker K.; Sharmila L.; Manohara M.; Prasad V.V.; Jaiganesh V.; Rajendiran M.; Prasad A.R.	Erosion Resistance Evaluation of WC and NiCr Coatings on SS316 Steel in Hydro Machinery Applications: An HVOF Spraying Approach	2025	AIP Conference Proceedings	3270	1	020261			Conference paper
3263	Natarajan M.; Pasupuleti T.; Navya C.; Kiruthika J.; Silambarasan R.	Predictive Grey-ANFIS Model for High-Precision Machining of Nimonic Alloy in Automobiles	2025	SAE Technical Papers						Conference paper
3264	Kumar B.P.; Rao P.S.; Rao C.V.; Prakash P.	Parametric Optimization of Al2O3–ZrO2 (Y2O3) Based Self-Lubricating Composite Cutting Tools for Increasing Shear Angle and Tool Wear Reduction Using Grey-Taguchi Analysis	2025	Journal of The Institution of Engineers (India): Series C	106	1	105551	21	34	Article
3265	Subbarayan K.; Garikapati B.; Chinnavel S.; Sarveshwaran V.	Deep learning and blockchain-based secure authentication protocol for privacy protection in cloud environments	2025	Peer-to-Peer Networking and Applications	18	4	209			Article
3266	Prakash C.; Anusha P.; Padmaja K.; Jasniowski M.	A Comprehensive Review on Exploring the Impact of Machine Learning and Deep Learning in FinTech	2025	AI and Fintech: Improving the Financial Landscape				62	71	Book chapter
3267	Sarma C.J.; Medhi B.J.; Bora B.J.; Bora D.K.; Elumalai P.V.; Lawrence K.R.; Barik D.; Ramegowda R.; Kavalli K.; Soudagar M.E.M.; Altaye M.D.	Analysis of the pooled effect of compression ratio and injection timing variation on conventional diesel engine powered with nano doped biodiesel blend	2025	Scientific Reports	15	1	21209			Article
3268	Saikia U.; Anand C.J.; Kenneth C.R.; Thivyarathi R.C.; Sharda P.; Ranjitha B.	Machine learning in estimating vehicular efficiency with special focus on customer acquisition and retention	2025	Networking, Transport, and Quality of Service in Vehicular Networks				131	149	Book chapter
3269	Irulappasamy S.; Dharmalingam S.; Starvin M.S.	Nanolubrication for aerospace alloys: interfacial analysis on Al7075 alloy under dry and nanolubricated abrasion	2025	Aerospace Materials: Novel Technologies and Practical Applications				61	72	Book chapter
3270	Reddy A B.; Nooraien M.A.; Kumar P.D.; Priya M.B.L.; Nadeem P.	A Multimodal Transformer Architecture for Detecting Coordinated Network Attacks	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				992	997	Conference paper
3271	Nagarajan S.; Kumar N.M.G.; Sheeba A.; Manikandan R.; Saidala R.K.; Manikandan G.; Paramashivan M.A.	Revolutionizing interaction brain-computer interfaces for real-time, data-rich secure communication	2025	Brain-Computer Interfaces and Applications in Business				131	148	Book chapter
3272	Reddy Madhavi K.; Soujanya K.L.S.; Inaganti R.; Swamy K.A.; Yalavarthi S.; Munagala M.	Brain Tumor Classification and Segmentation Using Transfer Learning from MRI Images	2025	International Journal of Computer Information Systems and Industrial Management Applications	17					Article
3273	Satish P.; Rajani D.; Ahmed M.; Prasad S.V.G.V.A.; Manjula G.; Bharath Kumar P.; Asif Alisha S.	An Analysis of Magnetohydrodynamic Free Convective Flow past an Infinite Vertical Porous Plate	2025	Communications on Applied Nonlinear Analysis	32	2s		284	295	Article
3274	Lalitha S.; Nimmagadda P.	VASC-Net: A Novel AI Framework Combining CNN Architectures with SVM for Lung Cancer Detection	2025	Engineering, Technology and Applied Science Research	15	6		29722	29730	Article
3275	Ashreetha B.; Lavanya L.; Kumar K.V.; Lakshmi K.D.; Tharakeswar K.	Renovate Urban Outlook with AI: Renewable Planning for Smarter Cities	2025	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025				293	298	Conference paper
3276	Nataraj D.; Rao K.C.; Chakradhar K.S.; Sudhir B.; Ujwala G.V.; Lakshmunaidu M.; Rao P.K.	A High-Gain Array Antenna Design for 6G Terahertz Wireless Systems	2025	Engineering, Technology and Applied Science Research	15	4		25479	25485	Article
3277	Chalivendula S.R.; Tarigonda H.	Recent Advances in Organic Phase Change Materials for Thermal Energy Storage: A Review on Sustainable Development Applications	2025	International Journal of Thermophysics	46	6	88			Article
3278	Islam F.; Zehravi M.; Raju Molla M.; Sweilam S.H.; Jahnavi P.; Bagade O.M.; Gupta J.K.; Vodeti R.; Krishnan K.; Bakshi V.; Dharani Prasad P.; Suliman M.; Sathi M.N.Z.; Emran T.B.	Stilbenes in cancer therapy: insights into molecular targets, and advances towards clinical application	2025	Medical Oncology	42	11	487			Review
3279	Shanthi C.; Porselvi R.; Basi Reddy A.; Ganesan S.	Optimizing Indoor Localization and Tracking: An Energy-Efficient Approach Using Received Signal Strength and Mixstyle Neural Networks With Implicit Unscented Particle Filtering	2025	International Journal of Communication Systems	38	7	e70069			Article
3280	Neelima K.; Maheswari K.; Vali S.S.; Pallavi C.H.; Padma C.; Shaik J.A.	Adept Domino Logic for Modified Schmitt Trigger Circuits	2025	International Conference on Computing, Intelligence, and Application, CIACON 2025						Conference paper
3281	Paul K.; Jyothi B.; Kumar R.S.; Singh A.R.; Bajaj M.; Hemanth Kumar B.; Zaitsev I.	Optimizing sustainable energy management in grid connected microgrids using quantum particle swarm optimization for cost and emission reduction	2025	Scientific Reports	15	1	5843			Article
3282	Kumar Y.B.K.; Divya A.; Dhanalakshmi R.; Ouladsmame M.; Sangaraju S.; Gonuguntla V.; Minnam Reddy V.R.; Chalapathi U.	Phase evolution in AgSbS2 thin films synthesized via a two-stage process	2025	Materials Research Bulletin	189		113430			Article

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3283	Vijayasairam L.; Ganesh D.; Gogula S.; Reddy L.U.; Kodirekka A.; Pathani A.	A System for Automatically Managing Indoor plants by using Novel Deep Learning Mechanisms	2025	AIP Conference Proceedings	3157	1	030001			Conference paper
3284	Vithyalakshmi N.; Narmatha P.; Reddy P.A.; Kamal K.Y.; Senthilkumar V.; Balamanikandan A.	Self-Calibrating Mixed-Signal Analog Front-End with Adaptive Bias for Multimodal Biopotential Sensing	2025	Journal of VLSI Circuits and Systems	7	1		239	252	Article
3285	Vijayakumar P.; Dahayat A.K.; Jagadesan A.; Kamalakannan J.; Karthick L.; Nagamalleswari D.; Vijayan V.	Improving Solar Still Productivity with Pebbles and Ceramic Tiles: An Analysis of Thermal Efficiency and Water Yield	2025	AIP Conference Proceedings	3270	1	020209			Conference paper
3286	Gopalan A.; Arulmozhi A.K.; Pandian M.M.; Mohanadoss P.; Dorairajan N.; Balaji M.; Taher A.M.	Performance parameters estimation of high speed Silicon/Germanium/InGaAsP avalanche photodiodes wide bandwidth capability in ultra high speed optical communication system	2025	Journal of Optical Communications	46	3		497	505	Article
3287	Kumar P.; Sharma S.; Pratap B.	Prediction of Compressive Strength of Geopolymer Fiber Reinforced Concrete Using Machine Learning	2025	Civil Engineering Infrastructures Journal	58	1		173	182	Article
3288	Daram S.B.; Vunnam S.; Deivendran P.; Shridhar S.M.; Anupalli I.; Anitha M.	A Data-Driven Approach to Power System Contingency Analysis Using Support Vector Machines	2025	SSRG International Journal of Electrical and Electronics Engineering	12	12		19	27	Article
3289	Natarajan M.; Pasupuleti T.; Shanmugam L.; Katta L.N.; Silambarasan R.; Kiruthika J.	Optimization and Regression Modeling of Additive Manufacturing (Fused Deposition Modeling) of PETG Material for Automobile Applications	2025	SAE Technical Papers						Conference paper
3290	Edwin Raja S.; Sutha J.; Elamparithi P.; Jaya Deepthi K.; Lalitha S.D.	Liver Tumor Prediction using Attention-Guided Convolutional Neural Networks and Genomic Feature Analysis	2025	MethodsX	14		103276			Article
3291	Natarajan M.; Pasupuleti T.; Sagaya Raj G.; Silambarasan R.; Somsole L.N.	Taguchi Based Grey Approach for Optimizing the Advanced Machining of Nickel Alloys in Manufacturing of Automotive Parts	2025	SAE Technical Papers						Conference paper
3292	Ranjana R.; Sahana R.K.; Narendra Kumar Rao B.	Application of metaverse in regenerative medicine: Applications and challenges	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				337	356	Book chapter
3293	Reddy K.V.; Santarao K.; Kandi K.K.; Prakash P.; Janaki D.V.; Gudarur K.R.	Fabrication of Fine-Grained Structure in Marine Structural Materials Via Friction Stir Processing to Sustain Marine Environments	2025	Journal of The Institution of Engineers (India): Series C	106	1		287	297	Article
3294	Dharmajee Rao D.T.V.; Basi Reddy A.; Avanija J.; Reddy Madhavi K.; Swaraja K.; Rajeyyagari S.	Robust Predictive Analysis of COPD with AI Models	2025	Lecture Notes in Networks and Systems	1228	LNNS		326	334	Conference paper
3295	Prathima Ch.; Venkatalakshmi S.; Puchakatla S.P.; Vyakaranam V.C.; Patnam L.; Nenavatha N.N.	A Deep Learning Approach For Detecting Earth's Surface Anomalies Using Satellite Imagery	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies				570	575	Conference paper
3296	Reddy K.T.K.; Dharmamoorthy G.; Devi D.V.; Vidiyala N.; Bagade O.M.; Elumalai S.; Dantinapalli V.L.S.; Kasimedu S.	Phytoconstituent-Based Green Synthesis of Nanoparticles: Sources and Biomedical Applications in Cancer Therapy	2025	Asian Journal of Green Chemistry	9	3		329	354	Review
3297	Kumar S.D.; Ebinezer M.J.D.; Ashokkumar N.	Implementation of clinical fuzzy-based decision supportive system to monitor renal function	2025	Artificial Intelligence and Cybersecurity in Healthcare Cyber Physical Systems				381	396	Book chapter
3298	Reddy R.P.V.G.A.; Begum A.Y.	Retinal Fundus Image Enhancement using Adaptive Guided Illumination Correction	2025	2025 IEEE International Conference on Advanced Computing Technologies, ICACT 2025				523	528	Conference paper
3299	Depuru S.; Sunil Kumar M.	AMIN-CNN: Enhancing Brain Tumor Segmentation through Modality-Aware Normalization and Deep Learning	2025	Journal of Electronics, Electromedical Engineering, and Medical Informatics	7	3		835	849	Article
3300	Kumar Reddy K.T.; Naga Venkata Arjun U.V.; Alhmoud J.F.; Reddy S.M.; Dhillishree D.; Tambe V.B.; Shinde G.S.; Shanmugarajan T.S.; Dharmamoorthy G.; Gobalakriahnan P.	In Depth in Silico Exploration of Some Natural Indole Alkaloids as Potential Plasmepsin II Inhibitors: ADMET Calculations, Molecular Docking Analysis, Molecular Dynamics Simulation, and DFT Studies	2025	Chemical Methodologies	9	4		277	300	Article
3301	Nagendra K.V.; Madamala R.; Rao C.M.; Lalitha Sree Thatavarthi N.; Bhetalam A.	A Comprehensive Review of COVID-19 Detection Methods: Cough Sounds, Clinical Symptoms, Chest X-Rays, and CT Imaging	2025	2025 International Conference on Intelligent and Secure Engineering Solutions, CISES 2025				873	876	Conference paper
3302	Shobug M.A.; Noor K.S.; Sagaya Raj A.G.; Ramkumar G.; Padmanaban P.; Mallan S.; Ferdous A.H.M.I.; Bani M.M.; Rashed A.N.Z.	Fuel quality assurance based on hybrid hexagonal circular hollow core PCF sensing through management of terahertz region operation	2025	Journal of Optics (India)	54	3		1020	1035	Article
3303	Venkat Reddy D.; Nageswara Rao M.V.; Satyanarayana T.V.V.; Aravinda Babu T.; Reddy K.V.V.	A lightweight FPGA accelerator for onboard processing of hyperspectral anomaly detection based on optimized TinyYOLOv3 model	2025	Integration	104		102443			Article
3304	Ganesan V.; Chohan J.S.; Damodharan A.; Paramasivam P.; Maranan R.	High-performance biocomposites: leveraging lotus fiber and waste Kigelia pinnata fruit shell biochar for enhanced mechanical and fire-retardant properties	2025	Polymer Bulletin	82	9		3927	3961	Article
3305	Tharani G.; Paul J.; Alagesan J.; Harikrishnan N.	Investigating the effect of conventional physiotherapy training on muscle activity among diabetic neuropathy patients through wireless EMG: a pilot study	2025	Neuroscience Research Notes	8	1		381	389	Article

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3306	Prakash K L.N.C.; Ramasubba Reddy G.; Badrinath N.; Nithisha C.; Athinarayanan S.; Kavitha R.	Drone-Assisted SOA Routing for Stable Communication in Emergency Ad Hoc Networks	2025	Lecture Notes in Networks and Systems	1356	LNNS		471	483	Conference paper
3307	Venkata Lakshmi C.; Swetha Sri K.; Venkatadri K.	Computational analysis of magnetized heat transfer in a non-Darcy porous enclosure using ternary hybrid nanofluid and finite volume MAC method	2025	International Journal of Modern Physics B	39	23	2550217			Article
3308	Lakshmi C.V.; Sireesha M.; Venkatadri K.; Fazuruddin S.; Arigela S.	Natural convection of nanofluid flow in a porous enclosure with isothermal heated plate: A Tiwari and Das nanofluid model	2025	International Journal of Thermofluids	27		101238			Article
3309	Sakhamoori D.; Hema Chandra S.	Predicting Carbon Dioxide Emissions from the Power Sector Using Artificial Neural Network	2025	2nd International Conference on Machine Learning and Autonomous Systems, ICMLAS 2025 - Proceedings				1878	1882	Conference paper
3310	Sivakumar S.; Suvarna C.; Kumar N.M.G.; Ravindra Babu B.	Swarm Intelligence-Based Optimisation for Maximising Solar Panel Efficiency	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
3311	Srinivasan S.A.; Musthafa B.; Vardhana Naidu B.V.; Kumar M.S.	Optimization and experimental investigation on CI engine characteristics fuelled with low carbon alcohols and juliflora biodiesel blends: A RSM approach	2025	Fuel	388		134542			Article
3312	Saichandana C.; Prasad P.D.	Exploring Cissus Verticillata as a Source of HER2 Inhibitors: Phytochemical Profiling, Molecular Docking, and ADMET Analysis	2025	International Journal of Drug Delivery Technology	15	4		1514	1532	Article
3313	Lakshmi B.; Kumar K.P.V.; Ashokkumar N.	Developing a soft computing fuzzy interface system for peptic ulcer diagnosis	2025	Artificial Intelligence and Cybersecurity in Healthcare Cyber Physical Systems				429	442	Book chapter
3314	Bhargavi P.; Silpa P.; Bhargav R.S.; Alisha S.; Naresh G.	Implementation of efficient multipliers using stacker based binary compressors	2025	Synergies in Smart and Virtual Systems Using Computational Intelligence				64	68	Book chapter
3315	Kondaveeti D.; Badvel J.K.; Rayana S.; Thommandru S.; Chandra R.; Yerrakula G.; Gollamudi S.; Konganti B.N.; Pennepalli S.T.; Yanda S.; Sreehari S.M.; Chatragadda P.	EXPLORING THE GAPS AND GAINS: A COMPREHENSIVE STUDY ON KNOWLEDGE, ATTITUDE, PRACTICES, AND PRESCRIBING TRENDS RELATED TO ANAEMIA AMONG IN-PATIENTS	2025	ScienceRise: Pharmaceutical Science	3			74	81	Article
3316	Das S.; Rahul A.K.; Saha S.; Singh M.K.; Kumar V.; Hameed S.; Gupta S.	Historical Survey on Hirotas Bilinear Method and Soliton Solutions: Application on Manufacturing Processes	2025	AIP Conference Proceedings	3185	1	020030			Conference paper
3317	Gavarraju L.N.J.; Sandhya K.; Singasani T.R.; Pulugu D.; Vatsavai L.S.K.; Bajjuri U.R.; Vatambeti R.	A deep learning framework for ECG Arrhythmia classification using GAM-ResNet18 and Namib beetle optimization-based domain adaptation	2025	International Journal of Advanced Technology and Engineering Exploration	12	126		803	818	Article
3318	Velpucharla T.R.; Nigam N.; Dubey S.; Dharmamoorthy G.; Pallavi B.; Awasthy M.	Intelligent Edge Server Deployment in 5G Networks: Workload-Threshold Aware Sequence Encoding and AI-Driven Solutions	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
3319	Prabu R.T.; Santhakumar D.; Kumar A.K.; Lalitha S.D.; Jebanazer J.; Mohan S.B.; Ahmed A.A.R.	Verified of leakage loss, birefringence, nonlinear parameters and total number of modes in silica/silica doped and plastic fibers for fiber system efficiency improvement	2025	Journal of Optical Communications	46	2		281	288	Article
3320	Sirish Kumar M.; Harshitha M.; Priya M.I.; Sree K.S.; Suchitra M.; Manasa M.	Block Chain Technology-basised Drug Supply and Inventory Tracker	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7923	7931	Conference paper
3321	Ramkumar G.; Ramalingam H.; Balamurugan K.; Balakrishnan B.; Venkatanaresh M.; Sangeetha D.P.; Rashed A.N.Z.; Ferdous A.H.M.I.; Ahammad S.H.	Ultrahigh-fiber systems transmission capacity based on efficient optical single-/multi-mode band fiber parameters	2025	Journal of Optics (India)	54	4		1816	1825	Article
3322	Pinto J.C.; Marimuthu S.; Rajendran P.; Natarajan M.; Murugesan R.	Computational Analysis of Blended Winglet Designs to Reduce the Wake Turbulence on the Airbus A380 Wingtip	2025	Eng	6	4	68			Article
3323	Sudhakar P.; Kumaraswamy I.	Efficient Energy Management in a Hybrid Electric Vehicle Using a Double Cascade Boost Converter With ANN Optimized MPPT Technique	2025	SSRG International Journal of Electrical and Electronics Engineering	12	9		128	138	Article
3324	Sarankumar R.; Elshafie H.; Mubarakali A.; Ashokkumar N.	Hybrid Graphene-MXene-Gold Metasurface Biosensor with Machine Learning Integration for High-Sensitivity Brain Tumor Detection	2025	Journal of the Electrochemical Society	172	5	057517			Article
3325	Kumar A.; Kumar P.; Gogineni A.; Ahmed M.; Chen W.	Evolution of Cementitious Binders: Overview of History, Environmental Impacts, and Emerging Low-Carbon Alternatives	2025	Buildings	15	21	3811			Article
3326	Sanjupriya S.; Poonkothai M.; Karunanidhi D.; Rao N.S.; Subramani T.; Marghade D.	Evaluating nitrate contamination in groundwater and its health threats from a semi-arid province of southern India using GIS techniques with a special focus on entropy water quality index	2025	Environmental Geochemistry and Health	47	9	346			Article

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3327	Jayakumar S.; Peruthambi V.; Dukkupati S.; Pushpalatha Kumari M.; Manikandan K.	Machine Learning-Based Severity of Critical Line for Power System Security Enhancement with Zip Loads	2025	SSRG International Journal of Electrical and Electronics Engineering	12	8		29	37	Article
3328	Ganai A.H.; Hashmy R.; Khanday H.A.; Bhutani M.	IDT-Cascade: a novel information dissemination tree model for influential cascade detection in online social networks	2025	International Journal of Information Technology (Singapore)	17	7		4145	4155	Article
3329	Divakaran S.; Gurumurthy H.K.; Ganesan M.; Tukaram S.; John B.J.	AI-Integrated Digital Auscultation System for Early Detection and Monitoring of Chronic Obstructive Pulmonary Disease in Resource-Limited Settings	2025	Biomedical and Pharmacology Journal	18	3		2061	2069	Article
3330	Hemanth K.; Gurubasavaraju T.M.; Shamanth V.; Supritha M.Y.; Narayanaswamy K.S.; Mahale R.; Vyavahare S.; Badadhe A.	Improvement of ride comfort and stability of high-speed rail vehicles with semi-active suspension system	2025	International Journal of Dynamics and Control	13	8	279			Article
3331	Sagaya Raj G.; Natarajan M.; Pasupuleti T.	Cutting-Edge Coating Materials for Dual Fuel Diesel Engines Using Acetylene Aspiration	2025	SAE Technical Papers						Conference paper
3332	Ghamya K.; Reddy Madhavi K.	Internet of medical things-based ECG monitoring for arrhythmia classification utilizing metaheuristic optimization with ensemble deep learning model	2025	Cluster Computing	28	6	369			Article
3333	Shinde A.; Irulappasamy S.; Munde Y.S.; Gujjala R.	Characterization of carbon nanotube nanocomposite for aerospace materials to shield electromagnetic interference	2025	Aerospace Materials: Novel Technologies and Practical Applications				435	449	Book chapter
3334	Shajan S.; Hemalatha G.M.; Thirunavukkarasu K.; Thirumoorthy K.	Computational investigation of tetraamine–derived Schiff base ligands and their Cu(II) and Zn(II) complexes	2025	Computational and Theoretical Chemistry	1254		115512			Article
3335	Pasupuleti T.; Natarajan M.; Ramesh Naik M.; Silambarasan R.; Palanisamy D.	Optimization of Fused Deposition Modeling Using Taguchi-Based Grey Relational Analysis for TPU Used in Auto Parts	2025	SAE Technical Papers						Conference paper
3336	Ali D.; shah F.; Asadullah; Javeed S.; Ayesha U.; Abdullaeva B.S.; Gupta M.; Tarakaramu N.	Numerical investigation of a fractional order differential human papillomavirus model using time delay neural network	2025	Partial Differential Equations in Applied Mathematics	14		101196			Article
3337	Batta A.; Shaik S.A.; Cristofaro M.; Daipule M.H.R.; Parayitam S.	Fostering faculty well-being: evidence on human resource practices for a psychologically healthy academia	2025	International Journal of Organizational Analysis	33	12		190	227	Article
3338	Vinodhini V.; Vijayakanth V.; Brahadeeswaran S.; Tamizhselvi R.; Chintagumpala K.	Superparamagnetic heating and cytotoxicity properties of bimagnetic core-shell nanoparticles ligated with different dispersants	2025	Applied Physics A: Materials Science and Processing	131	6	444			Article
3339	Singh A.R.; Jyothi B.; Kumar B.A.; Bajaj M.; Kumar B.H.; Tuka M.B.	Enhanced CPCV algorithm for improving power quality in electric vehicle battery charging	2025	Scientific Reports	15	1	23896			Article
3340	Khanna S.T.; Raorane S.; Ramaprakash C.; Pushpalatha A.P.; Saikia U.; Monikarchana Y.	Explainable artificial intelligence and fuzzy MCDM approach in location selection of roadside units in vehicular networks with economic efficiency	2025	Networking, Transport, and Quality of Service in Vehicular Networks				27	46	Book chapter
3341	Umapathi G.; Narasimhulu K.; Ganesh A.C.	Investigation on the effect of silane treatment over glass fibers in high strength concrete	2025	Innovative Infrastructure Solutions	10	10	468			Article
3342	Al Amin M.; Zehravi M.; Sweilam S.H.; Molla M.R.; Jahnavi P.; Bagade O.M.; Gupta J.K.; Rao A.A.; Krishnan K.; Vodeti R.; Prasad P.D.; Ahmad I.; Doukani K.; Emran T.B.	Multiple sclerosis: a comprehensive review of pathophysiology and combined natural-synthetic therapeutic strategies	2025	3 Biotech	15	11	384			Review
3343	Yella V.R.; Aswinprakash; Kalpana M.; Patra V.; Chakravarthy K.M.; Pathakala N.; Srikanth K.	Green Synthesis of Fragaria Vesca Loaded Zinc Oxide Nanoparticles and Their Biomedical Applications: An In-Vitro and In-Silico Study	2025	Pravara Medical Review	17	4		53	62	Article
3344	Trupthi M.; Prakash V.; Prathusha P.; Naveena A.; Khedkar P.; Narkhede N.	RAG-Enhanced Smart Farming: A Methodology for Multimodal Fusion and AI-driven Crop Health Diagnosis	2025	International Journal of Intelligent Engineering and Systems	18	10		655	668	Article
3345	Mugachintala D.K.; Gundala M.R.; Giri K.N.M.; Kuncham V.R.R.; Selika N.R.	Space vector hysteresis current controller for STATCOM in wind energy system	2025	AIP Conference Proceedings	3342	1	050002			Conference paper
3346	Rodda D.; Kurumurthy S.; Reddy K.V.; Sudhakar U.; Gudla M.; Reddy S.S.; Putta P.; Janaki D.V.; Reddy C.S.	Investigating the mechanical and microstructural analysis of AA7075/SiC/SiO2 hybrid composite fabricated through microwave sintering techniques	2025	Russian Physics Journal	68	6		849	856	Article
3347	Uvaneshwari M.; Nandagopal K.; Shrivastava P.; Senthil K.A.; Balakrishna C.; Senthamil Selvan R.	Enhancing big data customer sentiment analysis with BERT-BiLSTM	2025	Elevating Brand Loyalty With Optimized Marketing Analytics and AI				1	17	Book chapter
3348	Mareddy P.L.; Reddy K A.; Katta L.N.; Siva Rami Reddy N.	Optimum Scheduling of a Multi-Machine FMS with Alternative Routing Using Crow Search Algorithm	2025	SAE Technical Papers						Conference paper
3349	Prathima C.; Mahanandi Y.; Madhumitha K.; Haran K.H.; Manisha K.; Hanshith J.	Smart Fabric Inspection: Leveraging Deep Learning for Defect Detection	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
3350	Addepalli T.; Kumar G.N.; Rani C.J.; Koppala N.; Jetty C.R.; Kumar C.M.; Uppada R.; Kumar B.K.	A defected substrate 4-element mimo antenna with higher diversity characteristics for 5G sub 6 GHz N77/N78 band applications	2025	Wireless Networks	31	2	e22246	1931	1947	Article

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3351	Jyothula S.K.; Kunkumapogu C.M.; Jyothula S.K.; Pooturi R.R.; Birada L.M.; Manikandan N.	Optimization of NACA 2412 airfoil using camper morphing method	2025	AIP Conference Proceedings	3342	1	020007			Conference paper
3352	Girase S.B.; Kothavale B.S.; Kulkarni M.B.; Gholam N.; Radhakrishnan S.; Siva I.	Tribological assessment of rice paddy straw filled green modified phenol formaldehyde composites	2025	Engineering Research Express	7	1	015548			Article
3353	Vinodh N.; Subramani A.K.; Neeraja P.; Shoba K.B.	The future scope of leadership artificial intelligence smart electronics device based legal robotics industries	2025	International Journal of Basic and Applied Sciences	14	1		79	85	Article
3354	Younus M.; Bondalapati S.; Venkateswarlu V.; Valsa S.M.; Chakravarthy K.M.	Ameliorating potential of ethanolic extract of Terminalia paniculata bark on liver function biomarkers in experimental animals.	2025	Pravara Medical Review	17	1		79	84	Article
3355	Venkatadri K.	Magnetohydrodynamic Natural Convection in a Circular Dome-Shaped Enclosure	2025	Heat Transfer	54	2		1611	1622	Article
3356	Rahul J.R.; Kumar K.S.; Abhilash T.; Kirubakaran A.; Kumar B.H.	Z-source-based multilevel inverter topologies for photovoltaic applications	2025	Recent Advancement and Emerging Technologies in Multi-level Inverters				161	190	Book chapter
3357	Denis R.; Venkateswaran N.; Gangadharan S.; Shunmugasundaram M.; Chitanya G.; Girija M.S.; Satyanarayana Tallapragada V.V.; Vidhya R.G.	A Federated Learning and Blockchain Framework for IoMT-Driven Healthcare 5.0	2025	International Journal of Basic and Applied Sciences	14	1		246	250	Article
3358	Paswan R.K.; Kumar P.; Kumar V.; Sembeta R.Y.	Mechanical properties of alkali activated slag binder based concrete at elevated temperatures	2025	Discover Sustainability	6	1	744			Article
3359	Rahaman M.; Das M.; Alam S.; Salahshour S.; Mondal S.P.	Metric Space and Calculus of Type-2 Interval-Valued Functions	2025	Journal of Uncertain Systems	18	2	2450018			Article
3360	Subramanyam S.; Madhusudhan K.G.V.; Matangi S.P.; Kumar P.B.R.; Yanadaiah J.P.	Pharmacological Properties and Bioactive Compounds of Araucaria angustifolia: A Comprehensive Review	2025	Biomedical and Pharmacology Journal	18	3		1889	1907	Review
3361	Pasupuleti T.; Natarajan M.; Kumar V.; Kiruthika J.; Katta L.N.; Silambarasan R.	Development of ANFIS Predictive Model for Additive Manufacturing (Fusion Deposition Modeling) of PETG Material for Automotive Components	2025	SAE Technical Papers						Conference paper
3362	Ramalingam S.; Subramanian M.; Tarakaramu N.; Elkamchouchi D.H.; Rayudu U.M.; Vijayalakshmi R.	Advancing sustainable supply chain management – integrating blockchain technology for carbon emission reduction	2025	Egyptian Informatics Journal	32		100820			Article
3363	Vishnu Tej Y.; Ashwitha A.; Lakshmi H.N.; Balaji V.; Suryanarayana G.; Sirish Kumar M.	A Deep Learning Approach to Smart Waste Classification for Sustainable Environments	2025	Journal of Machine and Computing	5	3		1503	1517	Article
3364	Nathan S.R.; Rajendran C.; Sonar T.; Ivanov M.; Balasubramanian K.; Ramanathapuram Anandan H.B.; Sankaravadivelu S.; Karu C.V.	Optimization of CNC-FSSW parameters for dissimilar spot welding of AA6061 aluminium alloy and mild steel using Taguchi based desirability function approach	2025	International Journal on Interactive Design and Manufacturing	19	1		337	346	Article
3365	Marisamy K.; Monisha R.; Ashforn Hermina J.M.; Chinnasamy N.V.; Akshya J.; Sundarrajan M.; Choudhry M.D.	Trajectory Optimization for Drones using Gated Graph Memory Networks in Curriculum-based Meta-Learning Frameworks	2025	2025 IEEE 2nd International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2025						Conference paper
3366	Singh M.; Ullapu P.R.; Mariadoss A.V.A.; Kumar S.; Kang S.G.	Development of pH-Sensitive Multiparticulates for Orally Disintegrating Tablets of Proton Pump Inhibitors: Physicochemical Characterization and Drug Release Studies	2025	Pharmaceutics	17	9	1187			Article
3367	Anusha V.; Gardasu S.; Ramesh O.; Rafiq M.; Tarakaramu N.; Abdullaeva B.; Abdullaev D.; Khan M.I.	Quality improvement strategies for online teaching in post-pandemic education	2025	International Journal of Educational Research Open	9		100536			Article
3368	Mirzana I.M.; Kumar D.S.; Srinivasan D.R.; Yousuf M.; Sachuthananthan B.; Nagabhooshanam N.; Reddy M.S.; Yaswanth K.K.	Investigation of silane-treated Cyperus platystylis stem fiber and nickel oxide reinforced vinyl ester composites for enhanced mechanical and EMI shielding properties	2025	Journal of Materials Science: Materials in Electronics	36	33	2148			Article
3369	Anitha C.; Sastry A.S.; Sugathan D.; Upadhye V.J.; Anandaram H.; Sriragavi S.	SCNN-PKO: A Deep Learning Framework for Accurate Bone Marrow Cancer Detection using Spherical CNNs and Pied Kingfisher Optimization	2025	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025						Conference paper
3370	Lokesh G.; Ramani K.; Baseer K.K.	Status prediction using attentive and cascaded deep network by fault tolerant and priority-based scheduling for load balancing in cloud	2025	Applied Soft Computing	185		113872			Article
3371	Raj A.G.S.; Kumar M.D.	From simulation to reality: Fluid dynamics enhancements in internal combustion engine technology	2025	AIP Conference Proceedings	3325	1	060008			Conference paper
3372	Kavitha G.; Manikandan A.; S P.; Raja G.M.; Krupakaran R.L.; Balasubramanian D.; Nguyen V.Q.; Hoang A.T.; Femilda Josephin J.S.; Alharbi S.A.; Varuvel E.G.	Thermodynamic and emission analysis of waste plastic oil fuelled diesel engine with Ce-Al catalyst-based catalytic converters – An experimental study	2025	Process Safety and Environmental Protection	197		106997			Article
3373	Parimalasundar E.; Senthilkumar R.; Jayanthi R.; Dharmaprakash R.; Rajavinu N.; Adaikalam I.A.D.	ADVANCED 15-LEVEL INVERTER DESIGN FOR SOLAR PV INTEGRATION	2025	Kufa Journal of Engineering	16	3		161	175	Article
3374	Prabhu S.; Mohan K.J.; Mahadevan B.; Nayeem M.; Dinesh T.; Arun V.	Optimizing Torque in Synchronous Reluctance Motor: A Parameter-Based Analysis	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCECS 2025						Conference paper

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3375	Venkata Lakshmi Keerthi K.; Venkatagiri J.; Purnima K.; Divya A.; Satyanarayana T.V.V.; Ramaiah R.	Deep Belief Networks for Ovarian Tumour Detection From Gene Data	2025	2025 6th International Conference on Data Intelligence and Cognitive Informatics, ICDICI 2025				764	770	Conference paper
3376	Kalaivanan K.; Karunanidhi D.; Sankar K.; Marghade D.; Subramani T.; Shanthi D.	Groundwater quality and nitrate health risk evaluation in eastern part of Salem district, South India: Insights from water quality index (WQI) and GIS techniques	2025	Journal of Environmental Chemical Engineering	13	5	118609			Article
3377	Nanduri S.; Chacko E.; Dasaraju S.R.; Moorthygari S.; Bommisetti R.K.; Mahadevan M.; Nallamalli V.R.B.; Pathuri M.	Sustainable Marketing and Green Finance: Integrating ESG Metrics into Financial Reporting and Strategic Branding	2025	International Journal of Accounting and Economics Studies	12	6		438	448	Article
3378	Ramalingam S.; Subramanian M.; Kumar B.S.; Rushma S.; Tarakaramu N.; TRIGUI A.; Yuldashev F.; Saidani T.; Khan M.I.	Blockchain-enhanced optimization for a secure and transparent global energy supply chain with reduced environmental impact and cost	2025	Egyptian Informatics Journal	30		100647			Article
3379	Chandana B.H.; Mallela S.; Poojari S.; Dasari V.D.Y.; Geepalyam T.T.	Design of built in self-test embedded master slave communication using I2C Protocol	2025	Synergies in Smart and Virtual Systems Using Computational Intelligence				269	274	Book chapter
3380	Ranjithkumar N.; Paul J.; Alagesan J.; Viswanathan R.	Comparative Effectiveness of Extracorporeal Short Wave Therapy, Low-level Laser Therapy, and Ultrasound in the Treatment of Rotator Cuff Tendinopathy	2025	Biomedical and Pharmacology Journal	18	1		849	866	Article
3381	Rhishi Hari Raj M.; Karunanidhi D.; Roy P.D.; Subramani T.	Predicting groundwater quality for irrigation suitability on agricultural practices using machine learning, fuzzy logic and GIS techniques	2025	Physics and Chemistry of the Earth	141		104106			Article
3382	Latha K.A.; Narasimhulu K.	MEMS-ENABLED VIBRATION MONITORING AND DIAGNOSTIC EVALUATION FOR LONG-TERM HEALTH ASSESSMENT OF SWARNAMUKHI AND BHAKTA KANNAPPA SETHU BRIDGES IN SRIKALAHASTI	2025	Archives for Technical Sciences	17	33		135	153	Article
3383	Ugandar R.E.; Pillai H.P.J.S.; Prema S.; Rani J.J.A.; Raja R.; Ananthan A.S.; Rani D.L.	Emerging Trends in Nanomedicine: Diagnostic and Therapeutic Applications	2025	AIP Conference Proceedings	3300	1	020003			Conference paper
3384	Vijayasimha A.; Avanija J.	Hybrid deep learning framework for cardiovascular disease diagnosis and prognosis using GAN, LSTM, GRU, VARMA, and deep DynaQ network	2025	Scientific Reports	15	1	41346			Retracted
3385	Kumar J.; Starvin M.S.; Irulappasamy S.	Tribological assessment of two-phase aluminum/zirconia composites for aerospace applications	2025	Aerospace Materials: Novel Technologies and Practical Applications				209	226	Book chapter
3386	Punyavathi R.; Pandian A.; Huchche V.; Kotaiah N.C.; Kumar B.H.; Singh A.R.	Performance Evaluation of Cascaded Converter-Based Hybrid Power Supply for PV-Assisted Light Electric Vehicle	2025	SSRG International Journal of Electrical and Electronics Engineering	12	8		246	256	Article
3387	Saravanakumar R.; Arunvivek G.K.; Elango K.S.; Balaji D.; Achuthan P.	Durability Properties of Super Absorbent Polymers and Polyethylene Glycol Added Self Curing Concrete - A State of Art Review	2025	IFAC-PapersOnLine	59	8		319	326	Conference paper
3388	Syed M.S.; Prasanth B.V.; Kumaraswamy I.; Raju B.S.; Ramya P.S.; Rao Y.R.	Design and Economic Optimization of Microgrid	2025	E3S Web of Conferences	616		01009			Conference paper
3389	Lalke A.R.; Singh G.P.; Bishi B.K.	Study of Periodic Cosmic Evolution in Modified f(Q, T) Gravity Theory	2025	Astrophysics	68	2		249	268	Article
3390	Lawrence K.R.; Huang Z.; Nguyen X.P.; Balasubramanian D.; Gangula V.R.; Doddipalli R.R.; Le V.V.; Bharathy S.; Hoang A.T.	Retraction notice to “Exploration over combined impacts of modified piston bowl geometry and tert-butyl hydroquinone additive-included biodiesel/diesel blend on” [FUEL 322C (2002) 124206] (Fuel (2022) 322, (S0016236122010638), (10.1016/j.fuel.2022.124206))	2025	Fuel	384		133829			Erratum
3391	Dondu H.B.; Nilam V.K.; Kolla K.N.; Chaturvedi R.K.; Vayunandana Kishore P.	Thermal analysis of van der Waals magnetohydrodynamic flow behind a normal shock wave via numerical and neural network techniques	2025	Physics of Fluids	37	12	126105			Article
3392	Vijayasimha A.; Avanija J.	AI-Driven Heart Disease Prediction Using Machine Learning and Deep Learning Techniques	2025	International Journal of Computational and Experimental Science and Engineering	11	2		2161	2170	Article
3393	Rupa M.C.; Ramani K.	Hybrid Approaches for Advanced Medical Text Summarization: Combining TF-IDF, BERT, and Seq2Seq Models	2025	Advance Sustainable Science, Engineering and Technology	7	3	0250301			Article
3394	Pasupuleti T.; Natarajan M.; Kumar V.; Sagaya Raj G.; Krishnamachary P.C.; Silambarasan R.	Optimizing Titanium Alloy Grade 7 Machining with Grey Relational Analysis	2025	SAE Technical Papers						Conference paper
3395	Tilaye G.; Palanivel H.; Sundramurthy V.P.; Kumar R.; Shah S.; Yeshitila A.; Baskar G.	Teff (Eragrostis tef) phytochemicals: Isolation, identification, and assessment of allelopathic and antimicrobial potential for pollution control and environmental sustainability	2025	Microbial Pathogenesis	199		107206			Article
3396	Nicholas B.; Bukke S.P.N.; Ahikiriza A.A.; Daniel K.; Sagili V.	Environment Impact and Sustainability of 3D Printing in Pharmaceuticals	2025	Precision 3D Printing in Pharmaceutical Sciences: A Transformative Shift in Drug Manufacturing and Delivery Systems				383	396	Book chapter

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3397	Jasim L.H.; Manjunatha B.N.; Godavarthi S.; Thamizhkani B.; Sushama C.	Bi-Linear Alternative Least Squares and Maximum Likelihood based MIMO Communication System	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3398	Panda S.P.; Singh V.; Kumar S.; Chaitanya M.V.N.L.; Singh M.; Shanmugam R.; Shakya P.K.; Tatiparthi R.; Thapliyal S.; Chaubey K.K.; Chahal A.; Sidiq M.; Prasad P.D.; Jha N.K.	TRX/TXNIP/miRs network in neuronal cells and TXNIP-targeted miRs modulate neuroinflammation, neuronal apoptosis, and mitochondrial dysfunction in Parkinson's disease: A review	2025	International Journal of Biological Macromolecules	322		146878			Review
3399	Purushotham N.; Avanija J.	Enhancing Colon Cancer Diagnosis Through Explainable Vision Transformer Architecture with Selective Kernel Learning and Multi-Objective Differential Evolution	2025	Ingenierie des Systemes d'Information	30	3		607	617	Article
3400	Chalapathi U.; Kumar Y.B.K.; Reddy N.P.; Alhammadi S.; Dhanalakshmi R.; Srinivas Reddy G.; El-marghany A.; Mohanarangam K.; Sangaraju S.; Minnam Reddy V.R.; Park S.-H.	Cu4SnS4 thin films fabricated by sulfurizing thermally evaporated Cu/Sn/Cu metal layers	2025	Physica B: Condensed Matter	699		416876			Article
3401	Ramalingam M.; Narayanan K.; Arunvivek G.K.; Kumar P.; Sahu A.; Olaiya B.C.	Impact of magnetic water treatment on the properties of high-performance concrete	2025	Scientific Reports	15	1	44175			Article
3402	Anitha C.; Sapatnekar A.; Banait A.S.; Amalraj J.L.; Mulla R.A.; Pawar M.	Network-based anomaly detection in encrypted data streams: A cryptanalysis perspective	2025	Journal of Discrete Mathematical Sciences and Cryptography	28	5		2115	2124	Article
3403	Shibu S.; Khodaei A.; Kishore Kumar A.; Nallathambi G.S.; Pullasetty R.M.; Mannepalli S.; Ferdous A.H.M.I.; Ahammad S.H.; Rashed A.N.Z.	High efficient employment of hybrid space division multiplexing/time division multiplexing techniques in active/passive optical transparent networks	2025	Journal of Optics (India)	54	3		1269	1278	Article
3404	Kumar P.; Sharma S.; Pratap B.	Comparative study on predicting the compressive strength of oven-cured fly ash and slag-based geopolymer concrete using soft computing techniques	2025	Advances in Civil and Architectural Engineering	16	31		146	164	Article
3405	Ganesan D.; Murali A.P.; Salunkhe S.; Tarigonda H.; Naranje V.	Effect of microcrystalline cellulose on mechanical properties of flax-jute-epoxy hybrid composite materials using vacuum bagging	2025	Journal of Reinforced Plastics and Composites	44	19-20		1942	1954	Article
3406	Venkatadri K.; Rajarajeswari P.; Anwar Bég O.; Ramachandra Prasad V.; Leonard H.J.; Kuharat S.	Thermomagnetic Bioconvection Flow in a Semitrapezoidal Enclosure Filled with a Porous Medium Containing Oxytactic Micro-Organisms: Modeling Hybrid Magnetic Biofuel Cells	2025	ASME Journal of Heat and Mass Transfer	147	5	051201			Article
3407	Parthu V.V.; Raghavendra Reddy C.; Balamurugan N.; Reddy G.C.; Retna Mony R.; Maruthi Kumar P.	Execution of Natural Language Processing via Squabble to Enhance Students’ Essay Writing Cognition	2025	Lecture Notes in Networks and Systems	1231 LNNS			436	442	Conference paper
3408	Likitha G.; Prasad P.D.	LC-HRMS-Based Phytochemical Profiling and Computational Evaluation of Butea monosperma Against IGF2R	2025	International Journal of Drug Delivery Technology	15	4		1452	1467	Article
3409	Saranya K.R.; Kalaiyarasi D.; Sugumar D.; Johannah J.J.; Dhivya S.; Kunisetti S.; Thilagavathy A.; Satyanarayana T.V.V.	Integrated Antenna Design with SAW Filters	2025	International Journal of Basic and Applied Sciences	14	2		551	562	Article
3410	Antony Raj G.S.R.; Jayabal R.; Buramoorthi P.; Veeruchinnan R.	Constant temperature line identification on prototype gas turbine combustor with multi-colour change coating	2025	International Journal of Turbo and Jet Engines	42	2		423	432	Article
3411	Keerthi M.; Gnana Kiran M.; Kanakavalli P.B.; Kamesh V.V.; Krupakaran R.L.; Nandini P.S.V.; Krishna Jyothi N.; Rao M.C.; Madhavi Latha D.; Mahamuda S.K.	Effect of Temperature on Ionic Conductivity and Optical Bandgap Features of TSP-Nal-Based Biopolymer Electrolytes	2025	Iranian Journal of Materials Science and Engineering	22	4		119	131	Article
3412	Al Amin M.; Zehravi M.; Sweilam S.H.; Jahnavi P.; Gupta J.K.; Rajashakar V.; Vodeti R.; Billah A.A.M.; Dharmamoorthy G.; Arjun U.V.N.V.; Kumar V.V.; Suliman M.; Emran T.B.	Natural Agents Modulating Ferroptosis in Cancer: Molecular Pathways and Therapeutic Perspectives	2025	Journal of Cellular and Molecular Medicine	29	17	e70834			Review
3413	Raja D.R.K.; Abas Z.A.; Kumar G.H.; Murthy C.R.; Eswari V.	Hybrid optimization algorithm for resource-efficient and data-driven performance in agricultural IoT	2025	Telkomnika (Telecommunication Computing Electronics and Control)	23	1		201	210	Article
3414	Sahay S.; Biswal S.R.; Shankar G.; Jha A.V.; Appasani B.; Srinivasulu A.; Nsengiyumva P.	Optimized placement of distributed generators, capacitors, and EV charging stations in reconfigured radial distribution networks using enhanced artificial hummingbird algorithm	2025	Scientific Reports	15	1	11144			Article
3415	Singh M.K.; Rahul A.K.; Tiwari R.; Paul S.; Kumar V.; Maurya S.C.; Saha S.	On Dynamic Response of Polarized Shear (SH) Waves in Self-Reinforced Materiel	2025	AIP Conference Proceedings	3185	1	020036			Conference paper
3416	Rajakumar P.; Balasubramaniam P.M.; Parimalasundar E.; Suresh K.; Aravind P.	Simultaneous photovoltaic distributed generation and capacitor optimization for enhancing performance indices of radial power distribution system	2025	Scientific Reports	15	1	39627			Article
3417	Singh A.R.; Ashraf M.W.A.; Rathore R.S.; Li B.; Sujatha M.S.	Real-time traffic flow optimization using large language models and reinforcement learning for smart urban mobility	2025	Applied Soft Computing	185		113917			Article

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3418	Saikia U.; Ranjitha B.; Ramaprakash C.; Anand M.C.J.; Anjana V.A.; Agarwal M.	Enhancing vehicular communication through neutrosophic queueing theory and network analysis-based traffic signal optimization	2025	Networking, Transport, and Quality of Service in Vehicular Networks				1	25	Book chapter
3419	Prabakar D.; Krishna K.H.; Prabhu D.; Femila L.	Classification of intrusion using Multi-Stream Generative Adversarial Networks in Wireless Sensor Networks	2025	Peer-to-Peer Networking and Applications	18	2	67			Article
3420	Kaliyaperumal R.; Nagaraj K.; Kasilingam T.; Kumaravel T.; Gokulan R.; Rajkumar S.; Senthilnathan S.; Selvaraj S.; Muddana S.; Govindasamy R.S.	Synthesis, Characterization, and Antimicrobial Evaluation of NiO/CdO/ZnO Nanocomposites with Morphological and Structural Insights	2025	BioNanoScience	15	3	387			Article
3421	Charishma M.; Arun V.	A Minimum Component Seven-Level Switched-Capacitor Triple Boost Inverter (SL-SCTBI)	2025	SSRG International Journal of Electrical and Electronics Engineering	12	7		100	111	Article
3422	Jahnvi P.; Krishnan K.; Rajashakar V.; Burle G.S.; Reddy K.T.K.; Yeruva B.M.; Dharmamoorthy G.; Bagade O.M.	Organometallic Nanoparticulate Delivery: Synthesis, Properties, and Applications	2025	Journal of Applied Organometallic Chemistry	5	2		123	148	Article
3423	Kaliyaperumal R.; Nagaraj K.; Kasilingam T.; Kumaravel T.; Gokulan R.	Synthesis, Characterization, and Biological Evaluation of PbO/g-C ₃ N ₄ Nanocomposite: A Multifunctional Material for Antimicrobial, Antioxidant, Anti-inflammatory, and Cytotoxic Applications	2025	BioNanoScience	15	3	451			Article
3424	Venkata Ramudu G.; Kathyayani G.; Venkatadri K.	Magnetohydrodynamic Double-Diffusive Convection of Casson Fluid in an Irregular Pentagonal Cavity with Radiation and Chemical Reaction Effects	2025	Computational Mathematics and Modeling	36	3		449	472	Article
3425	Kumar R.R.; Krishnan K.; Burle G.S.; Samathoti P.; Pavan Kumar J.; Bagade O.M.; Kumar Reddy K.T.; Jahnavi P.	Biochemical Engineering of Green Nanomaterials for Targeted Drug Delivery and Therapeutic Applications	2025	Journal of Chemical Reviews	7	2	JCR-2502-1413	191	215	Review
3426	Jahnvi P.; Indirabanu S.; Chellappan R.D.; Mubeen M.I.B.K.; Bodapati A.; Dharmamoorthy G.; Pandiyan B.; Reddy K.T.K.	Supercritical Fluid Extraction: A Green and Sustainable Approach for the Isolation of High-Value Compounds from Natural Sources	2025	Asian Journal of Green Chemistry	9	5		605	629	Review
3427	Cheepati K.R.; Parimalasundar E.; Suresh K.; Rivera M.; Rao M.N.; Pitchai A.	Design of a novel shunt active harmonic compensator with AUV-PQ-SRF reference current extraction, OSV-MPC and SMC techniques	2025	Scientific Reports	15	1	28773			Article
3428	Velmurugan G.; Chohan J.S.; Raja D.E.; Paramasivam P.; Maranan R.	Thermo-Mechanical and Flame-Retardant Performance of Epoxy/Hemp Composites Reinforced with Nano-SiO ₂ and Al(OH) ₃	2025	Fibers and Polymers	26	8		3601	3620	Article
3429	Kumar V.S.; Balamurugan R.; Pasupuleti T.; Natarajan M.	Performance Analysis of Conventional Two Wheeler versus Plug in Hybrid Electric Two Wheeler for Light Goods Transportation	2025	SAE Technical Papers						Conference paper
3430	Krupakaran R.L.; Petla R.K.; Anchupogu P.; Kala L.K.; Gangula V.R.; Tarigonda H.	Enhancing Flow and Heat Transfer Characteristics in Microchannels with Various Nanofluids	2025	SAE Technical Papers						Conference paper
3431	Ramkumar G.; Rajasekaran V.; Sivaraman D.; Arumugam S.; Praveena H.D.; Prathima S.; Zahran A.A.	Comparative analysis of high index core micro structured optical fibers (HIMSOF) and hollow core band gap fibers (HCBGF) performance efficiency in fiber communication system	2025	Journal of Optical Communications	46	3		527	535	Article
3432	Arivendan A.; Chen X.; Zhang Y.-F.; Sumesh K.R.; Gao W.; Siva I.; Kavimani V.; Syamani F.A.; Thangiah W.J.J.	The effect of fibre length and content on Aloe vera and ramie fibre-reinforced epoxy hybrid composite properties	2025	Biomass Conversion and Biorefinery	15	7		10873	10884	Article
3433	Pallavi C.H.; Padma C.; Kumar R.K.; Suguna T.; Nalini C.	Design of a 64-bit SQRT-CSLA with Reduced Area and High-Speed Applications in Low Power VLSI Circuits	2025	Journal of VLSI Circuits and Systems	7	1		40	45	Article
3434	Arunvivek G.K.; Logeshkumar M.; Eucharist A.T.; Bari J.A.	Eco-Sustainable Use of Treated Textile Industry Effluent in Concrete Using Eichhornia Crassipes Ash as Bio-Adsorbent	2025	Global Nest Journal	27	8	07462			Article
3435	Bharathi M.; Venkata Krishnamoorthy T.; Golla S.; Tabassum S.; Dharani M.	Sustainable Development Goals: Origins, Challenges, and Opportunities for a Better Future	2025	Geographical Approaches to Global Sustainable Development Goals (SDGs)				105	128	Book chapter
3436	Purnima K.; Kumar C.S.	Devising a comprehensive synthetic underwater image dataset	2025	Journal of Visual Communication and Image Representation	107		104386			Article
3437	Das M.; Rahaman M.; Alam S.; Jana D.K.; Salameh A.A.; Al Sulaie S.; Yin H.; Ahmadian A.	Pareto improvement in a dual-channel closed-loop supply chain system by integrating product sustainability and consumer focus	2025	Socio-Economic Planning Sciences	99		102182			Article
3438	Kadiri P.; Nikita M.; Anusha P.; Santhi K.	A machine learning approach to playing-11 prediction in competitive cricket	2025	AI and Machine Learning Applications in Sports Analytics				157	171	Book chapter
3439	Uppalapati S.; Panchagnula J.S.; Vishnu Vardhana Naidu B.; Vemanaboina H.; Paramasivam P.; Yusuf M.	Thermally induced residual stresses in SS321 welded joints using CO ₂ laser beam: FEA and experimental study	2025	AIP Advances	15	6	065114			Article
3440	Basi Reddy A.; Chythanya K.R.; Sharada K.A.; Selvan R.S.	Lightweight fuzzy logical MQTT security system to secure the low configured medical device system by communicating the IoT	2025	Artificial Intelligence and Cybersecurity in Healthcare Cyber Physical Systems				329	347	Book chapter

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3441	Poosapadi D.; Sai Thrinath B.V.; Sivaganga P.; Tripathi D.P.; Balaramakrishna K.V.; Chidambaram V.; Dwivedi P.; Philip J.M.; Rajaram A.	HEADSPACE SOLID-PHASE MICROEXTRACTION (SPME-GC-MS) OF GASEOUS BYPRODUCTS IN PLASMA-ASSISTED HYDROGEN STORAGE MATERIALS	2025	Oxidation Communications	48	3		1123	1133	Article
3442	Madhavi K.R.; Soujanya K.L.S.; Inaganti R.; Swamy K.A.; Yalavarthi S.; Munagala M.	Brain Tumor Classification and Segmentation Using Transfer Learning from MRI Images	2025	International Journal of Computer Information Systems and Industrial Management Applications	17			42	55	Article
3443	Pejjai B.; Varalakshmi M.; Sreevani P.; Jamuna K.; Kalla R.M.N.	Polymers and Functionalized Polymer Catalysts in Organic Synthesis: A Mini Review	2025	Asian Journal of Chemistry	37	12		2963	2971	Article
3444	Krishna K.H.; Shavkatov N.; Murthy A.; Hussein M.A.; Hassan A.M.	Enhancing organizational systems with brain-computer interface technologies	2025	Concepts and Applications of Brain-Computer Interfaces				339	354	Book chapter
3445	Suganeswaran K.; Nathan S.R.; Vani R.; Mohanraj T.	Erosion parameter optimization of AA7075 surface composites with steel slag: A response surface methodology approach for aircraft fuselage applications	2025	Surfaces and Interfaces	72		107117			Article
3446	Krishna K.H.; Lakshmi Prasad M.; Muni Ganesh N.; Mohan Sai P.; Rishik Sai P.; Lokesh P.T.	Virtual Herbal Garden: An Interactive Learning Platform for Ayush Medical Plants	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7874	7881	Conference paper
3447	Pasupuleti T.; Natarajan M.; Ramesh Naik M.; Kiruthika J.; Silambarasan R.	Enhanced Aero Engine Components Manufacturing through Predictive Models for Cupronickel Machining	2025	SAE Technical Papers						Conference paper
3448	Reddy V.S.; Kumar B.H.	An enhanced renewable energy integration system with improved power system stability	2025	Asian Journal of Water, Environment and Pollution	22	2		152	167	Article
3449	Thejasree P.; Manikandan N.; Rajesh N.; Lokanadham R.; Krishnamachary P.C.; Shubham K.; Sembeta R.Y.	Multi-response optimization of PETG FDM parameters using taguchi–grey relational analysis and perdition by regression modeling	2025	Scientific Reports	15	1	41831			Article
3450	Pasupuleti T.; Natarajan M.; Ramesh Naik M.; Silambarasan R.; Palanisamy D.	Advanced Parameter Forecasting for Titanium Grade 19 Machining in Automotive Applications	2025	SAE Technical Papers						Conference paper
3451	Getahun A.; Palanivel H.; Mediga K.R.	Evaluation of Drought-tolerant Groundnut (Arachis hypogaea L.) Breeding Lines for Agronomic Performance under Rainfed Conditions in Ethiopia	2025	Agricultural Science Digest	45	6	D-6322	951	958	Article
3452	Muddangala N.B.; Kakumani L.; Parayitam S.	The Moderating Effects of Gender and Age in the Relationship Between Job Insecurity and Turnover Intention During the Global Pandemic	2025	South Asian Journal of Human Resources Management	12	2		251	273	Article
3453	Ganesan V.; Chohan J.S.; Gengappan K.; Paramasivam P.; Maranan R.; Lakshmaiya N.; Shanmugam S.K.	Mechanical and Structural Characterization of Curauá Fiber, Sugarcane Biochar, and Poly(Lactic Acid) Hybrid Green Composites for Sustainable Biomass Utilization	2025	Sugar Tech	27	6		1925	1946	Article
3454	Natarajan M.; Pasupuleti T.; Navya C.; Somsole L.N.; Silambarasan R.	Taguchi-Grey Hybrid Method for Enhanced Advanced Machining of Cupronickel Alloys	2025	SAE Technical Papers						Conference paper
3455	Somayajula V.S.P.; Morampudi P.; Ramana V.S.N.V.; Tarigonda H.	Insights into mechanical, corrosion, and tribological behavior of stir-cast aluminum based composites: A review study	2025	AIP Conference Proceedings	3342	1	070005			Conference paper
3456	Bharadwaja K.; Rao M.S.S.; Peyyala P.K.; Baddepudi M.; Thejasree P.	Analysis of mechanical characteristics and wear resistance of epoxy-based nanocomposites with Al2O3 fillers	2025	AIP Conference Proceedings	3342	1	070015			Conference paper
3457	Nagaraj K.; Karthikeyan A.; Velmurugan G.; Muthukkumar M.; Devanesan S.; Edozie O.; Kamalesu S.; Subramanian R.; Raja K.; Rameshkumar S.	Synthesis, Crystal Structure, and Computational Investigation of Zinc–Cytosine Coordination Complex: Insights From Molecular Docking, ADME Prediction, HOMO-LUMO, and MEP Analysis	2025	Applied Organometallic Chemistry	39	6	e70215			Article
3458	Sambana B.; Nnadi H.S.; Wajid M.A.; Fidelia N.O.; Camacho-Zuñiga C.; Ajuzie H.D.; Onyema E.M.	An efficient plant disease detection using transfer learning approach	2025	Scientific Reports	15	1	19082			Article
3459	Dash S.K.; De B.P.; Appasani B.; Rout N.K.; Srinivasulu A.	Design of a optimized CMOS Differential Amplifier using Craziness-based PSO	2025	Journal of VLSI Circuits and Systems	7	1		26	31	Article
3460	Mahesh C.; Vijayakumar A.	Switched-capacitor nine-level quadratic boost inverter (SC-9LQBI) with minimum component	2025	Engineering Research Express	7	2	025378			Article
3461	Lawrence K.R.; Anchupogu P.; Petla R.K.; Balasubramanian D.; Kale U.; Kilikevičius A.	Exploring the potential of nano-enhanced lemongrass biodiesel blends with hydrogen premixing for improved CI engine behaviour	2025	Scientific Reports	15	1	37942			Article
3462	Goga G.; Goyal D.; Goyal T.; Lawrence K.R.; Elumalai P.V.; Mahla S.K.; Yadav A.S.; Chakroborty S.; Hasan N.	Performance-Emission Optimization of a Diesel Engine Blended With Biodiesel and Pentanol	2025	Energy Science and Engineering	13	8		4190	4198	Article
3463	Ramalingam M.; Narayanan K.; Arunvivek G.K.; Kumar P.; Rout M.K.D.; Sembeta R.Y.	Enhancing sustainability in RC beams with magnetically treated mixing water for improved flexural performance	2025	Scientific Reports	15	1	34603			Article
3464	Sigamani S.; Venkatachalam S.K.; Digala P.; Santhoshkumar M.; Dharmaraj S.; Duraisamy N.; Abdi G.	Seaweed-derived polysaccharides: Multifunctional biomaterials for gut health and wound healing applications	2025	Journal of Functional Foods	134		107045			Review

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3465	Dogiparthi L.K.; Bukke S.P.N.; Thalluri C.; Thalamanchi B.; Vidya K.P.; Sree G.N.; Tatiparthi H.; Uppicherla D.; Thummaginjala K.P.	The role of genomics and proteomics in drug discovery and its application in pharmacy	2025	Discover Applied Sciences	7	6	552			Review
3466	J S.; S N.; M P.K.; Mandapati L.; Kamalakkannan J.; Vippamakula S.; R V.; Birudala G.; Nelson V.K.; Suryadevara P.R.; Thangaswamy S.	Green synthesis of ZnO/CuTiO2/PVDF nanocomposite using Solanum nigrum extract: photocatalytic and biological applications	2025	Chemical Physics Impact	11		100928			Article
3467	Manjunath C.; Sasi A.; Chowdary Ch S.; Sharon Roji Priya C.; Naick B.R.; Macherla H.; Lella K.K.	Enhancing Glaucoma Detection in Fundus Images: A ResNet based Segmentation and Advanced ML Algorithms with Duck Pack Optimizer	2025	International Research Journal of Multidisciplinary Technovation	7	2		108	120	Article
3468	Utpal B.K.; Mokhfi F.Z.; Zehravi M.; Sweilam S.H.; Gupta J.K.; Kareemulla S.; Ronald Darwin C.; Rao A.A.; Kumar V.V.; Krosuri P.; Prasad D.; Khan S.L.; Roy S.C.; Rab S.O.; Alshehri M.A.; Emran T.B.	Resveratrol: A Natural Compound Targeting the PI3K/Akt/mTOR Pathway in Neurological Diseases	2025	Molecular Neurobiology	62	5		5579	5608	Review
3469	Kishore L.; Rajesh M.; Hariram V.; Gobinath V.M.; John J.G.; Loganathan P.; Sivasankar A.; Sachuthananthan B.	Investigation of Mechanical, Microstructure Evolution and Corrosion Behaviour of AA7175/TiB2 Composite	2025	International Journal of Vehicle Structures and Systems	17	3		388	394	Article
3470	Gutam B.G.; Malchi S.K.	Vision language transformer framework for efficient cancer diagnosis through multimodal integration	2025	Journal of Electronics, Electromedical Engineering, and Medical Informatics	7	4		1320	1339	Article
3471	Krishnakumar S.; Maddipati S.S.K.; Attavar D.; Ashokkumar N.; Karthikeyan S.; Amaravathi D.	Identification and Delineation of Acquired Brain Anomalies Through Neural Network Classification Technique	2025	Journal of Machine and Computing	5	3		1450	1458	Article
3472	Kumar N.A.; Varsha E.; Sandhya C.; Aravind Y.; Ramu S.K.; Jahnavi K.	Innovative techniques for small object detection in cardiac images for precise early diagnosis	2025	Synergies in Smart and Virtual Systems Using Computational Intelligence				510	514	Book chapter
3473	Kumar P.; Upadhyay R.; Sharma K.K.; Madhuri S.; Gogineni A.; Vagestan P.K.	Mechanical performance of fiber reinforced concrete incorporating rice husk ash and brick aggregate	2025	Innovative Infrastructure Solutions	10	8	362			Article
3474	Poongodan R.; Narayan D.L.; Lokeshwarappa D.G.; Praveena H.D.; Kang D.-K.	Switchable Normalization Based Faster RCNN for MRI Brain Tumor Segmentation	2025	Computers, Materials and Continua	84	3		5751	5772	Article
3475	Pasha M.; Ata K.K.; Kishore V.V.	Optimized Ensemble Learning for Lung and Colon Cancer Classification using Histopathology Images from LC25000 Dataset	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				1874	1879	Conference paper
3476	Voleti P.; Vandna; Reddy B.P.; Rani G.J.; Reddy B.R.S.; Jyothi N.	A Hybrid Neuro-Fuzzy Model for Power Quality and Stability Enhancement in EV Charging with Grid-PV Integration	2025	2025 International Conference on Information, Implementation, and Innovation in Technology, I2ITCON 2025						Conference paper
3477	Sagaya Raj G.; Natarajan M.; Pasupuleti T.	An Integrated Material Science Approach to Evaluate the Viability of Ethoxy Ethane and Rubber Seed (Heavea Brasiliensis) Biodiesel as Sustainable Fuel for Compression Ignition Engines	2025	SAE Technical Papers						Conference paper
3478	Kumar Y.B.K.; Kunapalli C.K.; Minnam Reddy V.R.; Divya A.; Dhanalakshmi R.; Gonuguntla V.; Ali T.; Sangaraju S.; Chalapathi U.	Enhanced photoelectrochemical performance of Zn-doped Bi2S3 thin films via seed-layer-assisted growth	2025	New Journal of Chemistry	49	39		17196	17206	Article
3479	Karunanidhi D.; Kalaivanan K.; Marghade D.; Subramani T.; Sankar K.; Shanthi D.	Geochemical processes and source apportionment of fluoride contamination with health risks evaluation in groundwater of the Nanganji River basin, Southern India	2025	Journal of Environmental Chemical Engineering	13	6	120258			Article
3480	Chowdam V.S.; Potladurty S.B.; karipireddy P.R.	Design and evaluation of clock-gating-based approximate multiplier for error-tolerant applications	2025	Memories - Materials, Devices, Circuits and Systems	9		100123			Article
3481	Usharani S.; Lakshmanan R.P.; Rajakumaran G.; Basu A.; Nandam A.D.; Depuru S.	Detection of location-specific intra-cranial brain tumors	2025	IAES International Journal of Artificial Intelligence	14	1		428	438	Article
3482	Manikandan N.; Thejasree P.; Marimuthu S.; Murugesan R.; Olaiya B.C.; Adie A.E.	Development of Taguchi grey-based hybrid ANFIS prediction model for fused deposition modelling of HIPs	2025	Discover Sustainability	6	1	1184			Article
3483	Mishra S.; Dasari S.; Shukla K.K.; Nimmala H.; Balakarthikeyan M.; Hari Keerthana N.	Sensitivity analysis of Low-Cost Vibrating Band for Hearing Impaired using IOT	2025	2025 International Conference on Intelligent and Secure Engineering Solutions, CISES 2025				172	177	Conference paper
3484	Kavitha K.; Venkata Y.; Kishore G.V.; Dileep K.; Chandana C.; Gundreddy K.R.	Pneumonia Classification from Chest Radiographs using Advanced CovXNet Model	2025	Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025				979	987	Conference paper
3485	Singh A.R.; Kumar R.S.; Bajaj M.; Kumar B.H.; Blazek V.	A blockchain consortium-based framework to enhance interoperability, standardization, and secure demand response management in smart grid applications	2025	Results in Engineering	27		106056			Article
3486	Divakar K.; Muni Reddy G.; Kumar N.M.G.; Khan M.I.	Maximum sensitivity-based PID controller cascaded with 2/3 order filter for integrating processes with time delay	2025	Results in Control and Optimization	21		100635			Article
3487	Khattab O.; Al-Kadri M.O.; Av S.; Balasubramanian S.B.; Sulaiman S.B.M.; Alani O.; Abozariba R.; Farah M.B.; Akhunzada A.	MSCHF algorithm for minimizing signaling costs and enhancing vertical handover efficiency in wireless communications networks	2025	PeerJ Computer Science	11		e3283			Article

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3488	Pulabaigari L.S.; Sivakumar C.	Sentiment Analysis and Evolutionary Multimodal Autoencoders for Enhanced Stock Market Volatility Prediction Using Macroeconomic Indicators	2025	International Journal of Engineering Trends and Technology	73	4		56	69	Article
3489	Mishra R.; Kumar N.M.G.; Singla A.; Gullapally R.	Assessing the Effects of 5Gon Electronics Engineering	2025	Recent Trends in Engineering and Science for Resource Optimization and Sustainable Development				92	95	Book chapter
3490	Arunvivek G.K.; Anandaraj S.; Kumar P.; Pratap B.; Sembeta R.Y.	Compressive strength modelling of cenosphere and copper slag-based geopolymer concrete using deep learning model	2025	Scientific Reports	15	1	27849			Article
3491	Prema K.; Sriharsha A.V.	On Hyperspectral Image Classification and Deep Learning	2025	Lecture Notes in Networks and Systems	1229 LNNS			220	228	Conference paper
3492	Reddy A.R.; Jaya Ranjan M.; Basi Reddy A.; Reddy Madhavi K.; Tangudu N.; Srihrasha A.V.	Combatting Misinformation: Leveraging Machine Learning Ensemble Methods for Fake News Detection	2025	Lecture Notes in Networks and Systems	1232 LNNS			288	297	Conference paper
3493	Ramana S.V.; Sikhakolli G.K.; Gunda R.K.; Prasad P.D.	Deep Learning for Human Disease Detection, Subtype Classification, and Treatment Response Prediction through Epigenomic Data Analysis	2025	Letters in Applied NanoBioScience	14	4	220			Article
3494	Nirosha U.; Vennila G.	Enhancing crop yield prediction for agriculture productivity using federated learning integrating with graph and recurrent neural networks model	2025	Expert Systems with Applications	289		128312			Article
3495	Tabita G.; Reddy P.U.	Interline hybrid continuous converter impedance control-based tuning filter: effective harmonic suppression in DG-integrated electrical power grid	2025	Electrical Engineering	107	5		5501	5510	Article
3496	Udaya Kumar D.; Tarakaramu N.	Heat Source Effect on Three-Dimensional Couple Stress Casson Fluid Flow via Bidirectional Stretching Surface with Chemical Reaction	2025	International Journal of Heat and Technology	43	3		997	1005	Article
3497	Haque R.; Rahaman M.; Alam S.; Behera P.K.; Mondal S.P.	Generalized neutrosophic Laplace transform and its application in an EOQ model with price and deterioration-dependent demand	2025	OPSEARCH	62	2		550	582	Article
3498	Kumar P.; Gogineni A.; Pratap B.; Rout M.K.D.; Sahu A.; Sembeta R.Y.	Investigating the mechanical behaviour of bamboo fiber-reinforced concrete with GGBFS for sustainable construction	2025	Discover Sustainability	6	1	1020			Article
3499	Padmanabhan S.; Murugu Nachippan N.; Kumar K.M.; Vinod Kumar T.; Jaichandar S.	Experimental Investigation of Performance and Emission of Microalgae Chlorella Vulgaris in Variable Compression Ratio Engine	2025	International Journal of Vehicle Structures and Systems	17	1		10	14	Article
3500	G V.; Chohan J.S.; K V.; D M.; D E.R.; Paramasivam P.; Maranan R.; M N.	Thermo-Mechanical and Fire-Retardant Properties of Miscanthus fiber/SiO ₂ NPs/Epoxy Based Hybrid Composites for High-Temperature Insulation and Safety Applications	2025	Silicon	17	18		4477	4499	Article
3501	Sudarsana Murthy D.; Deva Prasad T.; Katyayani J.; Gangaiah B.	Envision Future Prices of Select Power Sector Equities : An Application of an AI Model	2025	Indian Journal of Finance	19	9		8	36	Article
3502	Rao B.N.K.; Shalini V.; Balaji K.; Kalyan P.V.S.	Automatic Number Plate Recognition for Motorcyclists Riding Without Helmet	2025	Lecture Notes in Intelligent Transportation and Infrastructure	Part F64			261	276	Book chapter
3503	Basamma S.; Prasanth P.V.	Enhanced supercapacitor performance through CdFe2O4-rGO nanocomposites: synergistic effects for advanced energy storage	2025	Discover Nano	20	1	227			Article
3504	Krishnamoorthy V.; Anitha C.; Swathy V.; Indirani M.; Sasi G.; Selvakumarasamy K.	Facial Image-Based Autism Detection Using A CNN-Extracted Feature Ensemble with Random Forest Classification	2025	International Journal of Basic and Applied Sciences	14	4		826	831	Article
3505	Pasupuleti T.; Natarajan M.; Krishnamachary P.C.; Katta L.N.; Silambarasan R.	Grey Relational Analysis for Multi-Objective Optimization in Aerospace Machining of Titanium Grade 19	2025	SAE Technical Papers						Conference paper
3506	Patnaik R.K.; Kamesh M.R.; Nagamalleswari D.; Ramya G.; Surendar V.; Velumayil R.; Sudhakar M.; Vijayan V.	Enhancing Solar Still Performance with Jute Cloth Wicks: A Comparative Study of Absorber Geometries	2025	AIP Conference Proceedings	3270	1	020212			Conference paper
3507	Nath P.; Mishra S.K.; Jha A.V.; Appasani B.; Pati A.K.; Verma V.K.; Nsengiyumva P.; Srinivasulu A.	Neural network backstepping control of OWC wave energy system	2025	Scientific Reports	15	1	7983			Article
3508	Sagaya Raj G.; Krupakaran R.L.; Pasupuleti T.; Natarajan M.	Designing Next-Generation Piston Geometry for LPG Powered Spark Ignition Engines: An Integrated CFD and Experimental Approach	2025	SAE Technical Papers						Conference paper
3509	Reddy E.P.; Thangappazham H.R.; Patnaik N.; Duggina P.; Kumar K.L.; Varshney S.; Grover A.; Gupta P.; Mishra K.G.; Varikasuvu S.R.	Impact of metformin therapy on serum visfatin levels in polycystic ovary syndrome: a systematic review and randomized permuted meta-analysis	2025	Cellular and Molecular Biology	71	2		74	79	Article
3510	Kumar P.V.; Raja K.; Nagaraj K.; Arumugam N.; Ahamed A.J.; Karthikeyan M.; Manimegalai T.; Devi L.A.	Exploring the Role of Gymnema sylvestre Leaf Extract as a Green Reducing Agent in the Synthesis of Zn- and Ni-Doped CuO Nanostructures with Antimicrobial Properties	2025	ChemistrySelect	10	26	e00004			Article

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3511	Arivendan A.; Sumesh K.R.; Chen X.; Zhang Y.-F.; Gao W.; Syamani F.A.; Thangiah W.J.J.; Siva I.	Corrigendum to “Extraction and characterization of novel Prosopis juliflora bark and Boehmeria nivea fibre for use as reinforcement in the hybrid composites with the effect of curing temperature, fibre length and weight percentages” (International Journal of Biological Macromolecules (2024) 279(P1), (S0141813024058999), (10.1016/j.ijbiomac.2024.135093))	2025	International Journal of Biological Macromolecules	332		148882			Erratum
3512	Chakole N.; Remamany K.P.; Mohan G.; Sasirekha P.; Kumar N.M.G.; Ramesh Kumar C.; Shunmugasundaram M.; Alagarsamy M.; Ganthia B.P.	Optimal Energy Management for Hybrid PV-Wind-Battery Microgrids through Markov Decision Processes Technique	2025	International Journal of Smart Grid	9	3		127	145	Article
3513	Kumar P.; Gogineni A.; Sahu S.K.; Singh A.K.; Olaiya B.C.	A comprehensive review of response control systems for irregular buildings: exploring base isolators and dampers	2025	Discover Applied Sciences	7	8	809			Review
3514	Pasupuleti T.; Natarajan M.; Sagaya Raj G.; Silambarasan R.; Kiruthika J.	Optimization and Regression Modeling of Fused Deposition Modeling for TPU Material Used in Automotive Instrument Panels	2025	SAE Technical Papers						Conference paper
3515	Subramanyam M.; Mohit; Selvakumar P.; Aradhya S.G.B.; Gupta V.C.; Ajay S.	Measuring and assessing resilience capabilities within organizations	2025	Enhancing Resilience in Business Continuity Management				327	350	Book chapter
3516	Natarajan M.; Pasupuleti T.; Palanisamy D.; Kiruthika J.; Silambarasan R.	Smart Machining of Titanium Grade 7: ANFIS Application for Process Parameter Prediction	2025	SAE Technical Papers						Conference paper
3517	Kaliyaperumal R.; Nagaraj K.; Kasilingam T.; Kumaravel T.; Gokulan R.	Synthesis, Characterization, and Multifunctional Bioactivity of Cadmium Oxide-Modified Graphitic Carbon Nitride (CdO/G-C3N4) Nanocomposites for Biomedical Applications	2025	BioNanoScience	15	3	402			Article
3518	Haindavi P.; Madhu B.; Ganesh D.; Gogula S.; Vanam M.; Kumar S.	Implementation of YOLO8 for Real-Time Object Recognition and Tracking for Visually Impaired	2025	AIP Conference Proceedings	3157	1	070014			Conference paper
3519	Joshi P.V.; Balichakra C.; Hilli R.; Thotakuri M.; Tarigonda H.	Ultrasonic wave in semiconductor quantum well structures	2025	AIP Conference Proceedings	3342	1	070031			Conference paper
3520	Sunkara J.K.; Babu P.K.; Kumar P.; Kumar A.	Dimensional accuracy and surface quality in Wire-Cut EDM of Ti6Al4V: experimental study and optimization	2025	Journal of Engineering and Applied Science	72	1	217			Article
3521	Maitra S.K.; Sadanandam K.; Kumar V.S.; Himabindu T.; Swathi G.V.; Budidha N.; Thrinath B.V.S.; Aegeegn D.B.	Impact of urban density on PV efficiency and battery degradation: a comparative assessment	2025	International Journal of Advanced Technology and Engineering Exploration	12	132		1686	1699	Article
3522	Satheesh Kumar P.; Pala Prasad Reddy M.; Muqthiar Ali S.; Devaraju T.	Optimizing energy management strategy for fuel cell hybrid electric vehicles: A hybrid FBPINN-MGO Approach	2025	Renewable Energy	253		123159			Article
3523	Kishen Ajay Kumar V.; Sutraya S.; Sateesh Kumar Reddy C.; Roopa K.; Balakrishna N.; Sujatha G.	Shortest Path Orbit Prediction for Resilient LEO Satellite Networks to Navigating the Cosmos	2025	International Journal of Computer Information Systems and Industrial Management Applications	17			310	329	Review
3524	Kancharla H.; Ramayanam N.R.; Eatakota U.R.; Jami D.G.; Samathoti P.	Phytochemicals and Anti-Cancer Potential of Liliaceae Medicinal Plants: A Comprehensive Review	2025	Asian Journal of Green Chemistry	9	6		794	817	Review
3525	Begum M.S.; Padmaja N.	ECG-HO-Net: A Hybrid Deep Learning Framework for Automated Arrhythmia Detection Using Hippopotamus Optimization and Liquid Neural Networks	2025	Engineering, Technology and Applied Science Research	15	5		27141	27149	Article
3526	Reddy K.V.V.; Reddy D.V.; Rao M.V.N.; Satyanarayana T.V.V.; Babu T.A.	An Efficient Target Recognition Model Based on Radar–Vision Fusion for Road Traffic Safety	2025	Transactions on Emerging Telecommunications Technologies	36	5	e70156			Article
3527	Prathima C.; Vamshi R.; Kartheek J.; Kavya P.; Naveed S.; Lahari T.	A Novel Approach to Security-Driven Web Application Protection through Attack Surface Management	2025	Proceedings of IEEE International Conference on Signal Processing, Computing and Control				285	290	Conference paper
3528	Raj A.G.S.; Kumar M.D.	Exploring combustion patterns in direct injection diesel engines through CFD and piston bowl geometry	2025	AIP Conference Proceedings	3325	1	050020			Conference paper
3529	Gouthamsri S.; Srikanth B.; Raju V.; Basammaa S.; Narendrudu T.; Kiran M.G.; Samudrala V.; Rajesh V.; Anusha G.; Babu K.M.; Singh B.	A lead-free flexible piezoelectric nanocomposite nanogenerator, utilizing a hybrid approach based on high-performance synthesized NBT-BCZT nanopowders	2025	Applied Physics A: Materials Science and Processing	131	5	388			Article
3530	Ganthia B.P.; Panda S.; Remamany K.P.; Chaturvedi A.; Begum A.Y.; Mohan G.; Prasad S.J.S.; Ishwarya S.	Experimental techniques for enhancing PV panel efficiency through temperature reduction using water cooling and colour filters	2025	Electrical Engineering	107	9		11349	11375	Article
3531	Venkat Ratnam M.; Teja A.K.; Pramitha M.; Eswaraiah S.; Vijaya Bhaskara Rao S.	Climatology of meteor echoes and mean winds in the MLT region revealed by SVU meteor radar over Tirupati (13.63oN, 79.4oE): Long-term trends	2025	Advances in Space Research	75	6		4768	4785	Article
3532	Arunvivek G.K.; Kumar P.; Rajprasad J.; Sharma S.; Sembeta R.Y.	Evaluation of nonfired ceramic tiles using phosphogypsum waste and Ceiba Pentandra fiber for sustainable construction	2025	Scientific Reports	15	1	39681			Article
3533	Selvi S.; Murthy S.E.; Govindan B.; Leela Rani D.; Suresh M.	Predicting Concrete Strength Using Regression-Based Machine Learning Techniques	2025	SSRG International Journal of Civil Engineering	12	10		139	146	Article

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3534	Ramasekhar G.; Jakeer S.; Reddy S.R.R.; Sai A.A.; Durgaprasad P.; Sajidha S.A.; Shukla P.; Prakash P.	SEMI-ANALYTICAL APPROACH OF RHEOLOGICAL PROPERTIES OF BLOOD/SILVER-GOLD HYBRID NANOFLUID FLOW IN A CIRCULAR DISK: APPLICATION TO THE HUMAN CIRCULATORY SYSTEMS	2025	Journal of Mechanics in Medicine and Biology	25	4	2450050			Article
3535	Kumar Y.B.K.; Prasad S.G.; Smitha A.S.S.; Naidu S.M.; Babu G.S.; Bhaskar P.U.; Chalapathi U.	Cu2MgSnS4 thin films: a promising absorber material for next-generation solar cells	2025	Chalcogenide Letters	22	9		847	854	Article
3536	Chakradhar K.; Nandagopal K.; Prashanthi V.; Parandhama A.; Somaiah T.; Thrinath B.V.S.; Tarakaramu N.; Rasool G.; Abduvalieva D.	MHD effect on peristaltic motion of Williamson fluid via porous channel with suction and injection	2025	Partial Differential Equations in Applied Mathematics	13		101103			Article
3537	Reddy V.K.; Rambabu V.; Mrudula G.; Prakash P.; Venkatesh D.J.; Mudunuri R.; Satyanarayana M.V.N.V.	Effect of shot peening on microstructural features, residual stress behavior, and hardness of aluminum alloy 2014	2025	Engineering Research Express	7	1	015527			Article
3538	Mabuni D.; Babu S.A.; Reddy C.S.	A new mathematical formula for finding cause and effect relationships in the data using a decision tree	2025	AIP Conference Proceedings	3162	1	020070			Conference paper
3539	Krupakaran R.L.; Sagaya Raj G.; Petla R.K.; Kala L.K.; Anchupogu P.	Enhancing Solar Still Productivity with Aluminium Oxide Nanoparticles and Phase Change Materials	2025	SAE Technical Papers						Conference paper
3540	Natarajan M.; Pasupuleti T.; Navya C.; Kiruthika J.; Silambarasan R.	Optimization and Regression Modeling of Fused Deposition Modeling for PLA Material for Vehicle Interior Applications	2025	SAE Technical Papers						Conference paper
3541	Anusha K.; Madhavi K.R.	A Deep Learning Model for Accurate Multi-Modal Feature Fusion and Segmentation of Breast Cancer Nodules	2025	International Journal of Computer Information Systems and Industrial Management Applications	17		16	26	41	Article
3542	Venkatadri K.; Rajeswari V.R.; Santhosh N.; Leung H.-H.; Kamalov F.; Prasad V.R.; Sivaraj R.	Heat transfer optimization on convective flow of various fluids inside an enclosure with curved heat source	2025	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	105	5	e70020			Article
3543	Utpal B.K.; Sutradhar B.; Zehravi M.; Sweilam S.H.; Durgawale T.P.; Arjun U.V.N.V.; Shanmugarajan T.S.; Kannan S.P.; Prasad P.D.; Usman M.R.M.; Reddy K.T.K.; Sultana R.; Alshehri M.A.; Rab S.O.; Suliman M.; Emran T.B.	Cellular stress response and neuroprotection of flavonoids in neurodegenerative diseases: Clinical insights into targeted therapy and molecular signaling pathways	2025	Brain Research	1847		149310			Review
3544	Dogiparthi L.K.; Bukke S.P.N.; Pachipala M.; Lakkireddy N.; Sambareddy C.; Edagottu A.; Mapakshi B.; Shaik A.A.; Yadesa T.M.; Onohuean H.	Herbal Remedies for Urticaria: A Comprehensive Global Perspective on Traditional Practices, Efficacy, and Future Directions	2025	Natural Product Communications	20	2				Review
3545	Madhuri K.S.; Panchal M.; Kala K.L.; Guru S.R.; Yelamasetti B.	Mechanical characterization of jute/epoxy composites supplemented with g-C3N4 particles	2025	AIP Conference Proceedings	3342	1	070022			Conference paper
3546	Durgawale T.P.; Rajashakar V.; Gupta J.K.; Banu S.S.; Galla S.H.; Singh J.; Rao A.A.; Prasad P.D.; Chaudhari P.B.; Mortuza M.R.; Sweilam S.H.; Asiri M.; Amin M.A.; Utpal B.K.; Mohammad B.D.	Phytochemical-Based Drug Discovery for Breast Cancer: Combining Virtual Screening and Molecular Dynamics to Identify Novel Therapeutics	2025	Chemistry and Biodiversity	22	6	e202402864			Article
3547	Natarajan M.; Pasupuleti T.; Kumar V.; Krishnamachary P.C.; Somsole L.N.; Silambarasan R.	Data-Driven Optimization of Titanium Grade 7 Machining for Automotive Applications	2025	SAE Technical Papers						Conference paper
3548	Nguyen V.N.; Ganesan N.; Ashok B.; Balasubramanian D.; Anabayan K.; Lawrence K.R.; Tamilvanan A.; Le D.T.N.; Truong T.H.; Tran V.D.; Cao D.N.; JS F.J.; Varuvel E.G.	Eco-friendly perspective of hydrogen fuel addition to diesel engine: An inclusive review of low-temperature combustion concepts	2025	International Journal of Hydrogen Energy	104			344	366	Article
3549	Ramaraju S.; Vairavan C.; Manigandan K.	Digital Dystopia: The Challenges and Opportunities for the Budding Mariners in the Present Scenario	2025	Journal of Maritime Research	22	1		192	196	Article
3550	Venkatesan V.K.; Sujatha V.; Sivaraman A.; Devi S.D.; Konduri P.S.R.	METAHEURISTIC-AI ENHANCED CUSTOM DEEP LEARNING NETWORK OPTIMIZED WITH SAND CAT SWARM ALGORITHM FOR ORAL CANCER DIAGNOSIS	2025	International Journal Of Advances In Signal And Image Sciences	11	1		66	79	Article
3551	Jyothsna B.; Jyothsna V.	Design of an Improved Model for DDoS Mitigation in SDN-IoT Using TGNN, QAOA, and the Federated Adversarial Learning Process	2025	Engineering, Technology and Applied Science Research	15	6		29056	29061	Article
3552	Gnanasangeetha D.; Ashok Kumar P.; Gopalakrishnan K.; Nixon Samuel Vijayakumar G.; Chandramauli A.; Manohara M.; Subba Reddy T.; Palanikumar B.	Development and Characterization of PALF-Reinforced Nanocomposite with Polyester and Coconut Shell Nanopowder Matrix for Advanced Applications	2025	AIP Conference Proceedings	3270	1	020249			Conference paper
3553	Tammineni L.; Hariprasad T.	Performance and emission characteristics of waste fish oil with dimethyl carbonate as an additive	2025	AIP Conference Proceedings	3363	1	040005			Conference paper
3554	Nagaraj K.; Raja K.; Al-Otibi F.O.; Kasilingam T.; Poovan V.; Kumaravel T.; Velmurugan G.; Shah F.	Structural Variability and Antimicrobial Efficacy of Barium Oxide-Doped Copper Oxide (BaO@CuO) Nanocomposites Via Co-Precipitation	2025	Chemistry Africa	8	5		2035	2044	Article
3555	Khan Y.; Singh P.K.; Anjum A.; Sivakumar K.K.; Gupta S.; Mishra S.	Exergy-energy, economic and environmental evaluation of a solid oxide fuel cell based trigeneration system using double effect vapor absorption refrigeration system	2025	International Journal of Refrigeration	174			343	358	Article

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3557	Girish B.M.; Satish B.M.	Wear and Hardness of Multidirectionally Forged Silicon Carbide Reinforced ZA27 Alloy Composite Materials	2025	Materials Performance and Characterization	14	1		26	34	Article
3558	Selva Kumar V.; Mohan Raj K.R.; Gopalakrishnan S.; Vennila G.; Dhinakaran D.; Kavitha P.	Adaptive distributed honeypot detection network for enhanced cybersecurity against DoS and DDoS attacks	2025	Results in Engineering	26		105521			Article
3559	Palei N.N.; Mounika V.M.; Yadav S.; Singh A.; Mishra A.	Lovastatin Loaded Piperine Enabled Nanostructured Lipid Carriers for Improvement of Ex vivo Permeation, Oral Bioavailability, and Antihyperlipidemic Activity	2025	BioNanoScience	15	4	542			Article
3560	Natarajan M.; Pasupuleti T.; Kumar V.; Kiruthika J.; Katta L.N.; Silambarasan R.	Development of AI Prediction Tool for Fused Deposition Modeling of ABS Material for Automobile Applications	2025	SAE Technical Papers						Conference paper
3561	Venkata Sudhakar C.; Potladurty S.B.; Karipireddy P.R.	Design and evaluation of clock-gating-based approximate multiplier for error-tolerant applications	2025	International Journal of Reconfigurable and Embedded Systems	14	2		398	411	Article
3562	Kaur S.; Sidhu K.S.; Krishna K.H.; Joshi K.; Singh A.; Hussien N.M.	Computer intelligence in health care field: Transforming the practice of medical applications	2025	Technology Developments in Computer Intelligence and their Applications in the era of Industry 5.0				70	78	Book chapter
3563	Bodagala S.R.; Samathoti P.	ADVANCEMENTS IN SMART WEARABLE PATCH SYSTEMS FOR ENHANCED WOUND HEALING	2025	Journal of Applied Pharmaceutical Research	13	2		1	19	Article
3564	Selvakumar P.; Sankpal U.; Manjunath T.C.; Shashank G.; Thrinath B.V.S.; Seenivasan S.	Supercapacitors	2025	Innovations in Next-Generation Energy Storage Solutions				573	597	Book chapter
3565	Shrivas V.; Rani I.; Jain P.; Anand S.; Agarwal S.; Rath R.; Anwar A.F.	Machine learning and image analysis in diatom taxonomy: Progress and prospects	2025	AIP Conference Proceedings	3343	1	0292582			Conference paper
3566	Yogi K.S.; Dankan Gowda V.; Sahu A.K.; Reddy N.S.; Prasad K.V.V.S.; Ashfaq R.	Optimizing Automobile Purchase Decisions in India using Machine Learning and Multi-Criteria Decision-Making Techniques	2025	Proceedings - 3rd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2025				779	785	Conference paper
3567	Manikandan S.; Suma T.; Dhanalakshmi P.; Rajheshwari K.C.; Tamilselvi T.; Subedha V.	Gesture Language Recognition Through Computer Vision and a Spatial-Temporal Mathematical Model	2025	International Journal of Basic and Applied Sciences	14	3		156	162	Article
3568	Prakash S.K.J.; Aluvala R.; Y S.R.; Thimmapuram K.; G S.	The Role of Business Strategy in Advancing Sustainability Goals: a Comprehensive Systematic and Bibliometric Analysis	2025	Circular Economy and Sustainability	5	5		4243	4270	Review
3569	Prabakar D.; Meenalochini P.; Basi Reddy A.; Edwin Deepak F.X.	A hybrid approach based internet of things assisted power monitoring system for smart grid	2025	Analog Integrated Circuits and Signal Processing	125	2	30			Article
3570	Natarajan M.; Pasupuleti T.; Palanisamy D.; Silambarasan R.; Krishnamachary P.C.	AI-Driven Optimization of Advanced Machining for Haste Alloy by ANFIS Method	2025	SAE Technical Papers						Conference paper
3571	Samathoti P.; Kumarachari R.K.; Bukke S.P.N.; Rajasekhar E.S.K.; Jaiswal A.A.; Eftekhari Z.	The role of nanomedicine and artificial intelligence in cancer health care: individual applications and emerging integrations—a narrative review	2025	Discover Oncology	16	1	697			Review
3572	Shankara Murthy M.; Maheswara Reddy P.	Lepidopteran borers associated with sugarcane from Northern Karnataka, India: Survey, documentation and taxonomic studies	2025	Journal of Entomological Research	49	2		513	518	Article
3573	Kuppireddy G.K.; Saradhi K.	MANUFACTURING FEASIBILITY AND INDUSTRY READINESS FOR INDIGENOUS AUTO-RETRACTABLE SINGLE-USE SYRINGES IN INDIA: AN EMPIRICAL STUDY TO PREVENT NEEDLESTICK INJURIES AND BLOOD-BORNE INFECTIONS	2025	Archives for Technical Sciences	3	34		1215	1231	Article
3574	Roopa R.; Lingam R.; Ravva S.K.; Suresh A.; Balaji P.; Avanija J.	A Generalized Deep Learning Approach for Cross-Crop Plant Disease Detection Using the Plant Village Dataset	2025	Journal of Machine and Computing	5	3		1592	1605	Article
3575	Somsale L.N.; Natarajan M.; Pasupuleti T.; Katta L.N.; Vivekananda S.	Investigating Mechanical Properties of Jute Fiber and Alumina-Reinforced Epoxy Composites: Application of Taguchi and Grey Analysis for Automotive Components	2025	SAE Technical Papers						Conference paper
3576	Krishnasamy S.; Irulappasamy S.; Thiagamani S.M.K.; Ilyas R.A.; Khoo P.S.	Examining the mechanical properties of hybrid curauá-basalt reinforced polyester composites	2025	Polymer Composites	46	12		11416	11431	Article
3577	Srinivas Y.; Dandu V.S.R.K.R.; Sarihaddu C.K.R.; Chippada N.; Ganesh D.; Reddy P.V.	Solar Quest: Machine Learning for Optimal Sunlight Capture and Energy Output	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				1526	1530	Conference paper
3578	Mugachintala D.K.; Bondu P.K.R.; Giri K.; Vyza U.R.; Gundala M.R.; Madithati R.R.	A comprehensive review on charging infrastructure for electric vehicles-case study	2025	AIP Conference Proceedings	3342	1	050001			Conference paper
3579	Chitambara Rao K.; Nataraj D.; Chakradhar K.S.; Vinutna Ujwala G.; Lakshmunaidu M.; Dadi H.S.	Design of a Compact Millimeter Wave Antenna for 5G Applications based on Meta Surface Luneburg Lens	2025	Engineering, Technology and Applied Science Research	15	2		20722	20728	Article
3580	Gireesh N.; Seshagiri T.; Avula P.R.; Sujatha C.N.; Panigrahy A.K.; Swaraja K.; Dilli R.	Reliable TOA and TDOA Location Estimation Under Multipath Fading Channel Conditions in Wideband Wireless Networks for Indoor Factory Applications	2025	Wireless Personal Communications	144	46054		247	274	Article

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3581	Aarchana M.; Poorvadevi R.; Sriharsha A.V.; Umamaheswari S.; Saravana Kumar S.S.; Dinesh Kumar T.	Advancing Cervical Cancer Risk Prediction through Multi-Target Classification, SHAP Analysis, and Feature Reduction	2025	Proceedings of IEEE International Conference on Signal Processing,Computing and Control				365	370	Conference paper
3582	Subbarayudu N.; Reddy M.G.; Sruthi M.V.; Tirumala C.N.V.; Dharani M.; Venkatakrishnamoorthy T.	Secure biometric authentication of E-Passport system	2025	Security Issues in Communication Devices, Networks and Computing Models: Volume 2	2			26	30	Book chapter
3583	Poornima P.; Reddy B.R.S.	A Twin-Layered Transfer Learning Based Adaptive Convolutional Neural Network (A-CNN) for Diagnosis of Pneumonia	2025	2025 IEEE International Conference on Advanced Computing Technologies, ICACT 2025				802	806	Conference paper
3584	Ganesh D.; Niveedha M.D.; Deepa M.; Harika G.; Rishitha Reddy G.; Sunil Kumar M.	Application of Hybrid Machine Learning Approaches for Effective Rainfall Prediction	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
3585	Anchuri S.; Purushotham N.; Sailaja R.; Praveen Kumar Naidu R.; Adinarayana M.; Basi Reddy A.	Integrating RailEdge-Net and Hough Transform for Precision in Railway Track Maintenance	2025	Proceedings of 3rd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2025				1852	1858	Conference paper
3586	Purushotham N.; Likhitha M.; Pragathi Y.S.; Ravikiran C.; Ganesh B.V.	QFIBA: Quantum-Resilient Federated Identitybased Auditing Protocol for Secure Cloud Storage	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				950	957	Conference paper
3587	Thrinath B.V.S.; Guru S.S.; Basha S.U.; Ashok Y.; Naik S.S.; Venkatesh M.	Advanced Model Predictive Control for Electric Vehicle Synchronous Reluctance Motor Drive	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025				13	18	Conference paper
3588	Narendra Kumar Rao B.; Bhaskar Kumar Rao B.; Challa N.P.	Harnessing deep learning for the early detection of COVID-19 using chest X-rays	2025	Big Data Analytics and Intelligent Applications for Smart and Secure Healthcare Services				35	48	Book chapter
3589	Kovuri K.; Kumar N.V.; Balobaid A.; Sriharsha A.V.; Kumar B.V.; Madhavi K.R.; Reni A.	Identification and Correction of Image Similarity using autoencoder	2025	Lecture Notes in Networks and Systems	1229 LNNS			472	479	Conference paper
3590	Tabassum S.; Bharathi M.; Peramasani N.; Nagadivya N.; Busetty B.; Syed A.S.	Enhancing IoT-Enabled Electric Vehicle Battery Performance Monitoring and Prediction using AI Techniques	2025	Proceedings of the 3rd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, IITCEE 2025						Conference paper
3591	Shinde A.; Munde Y.; Siva I.; Selvan C.P.; Deore S.; Bhosale A.	Investigation on Mechanical and Tribological Performance of Biodegradable Polylactic Acid (PLA)-Hemp Composite	2025	Signals and Communication Technology	Part F76			775	785	Book chapter
3592	Deepika M.; Purushotham N.; Sarada C.; Kumar M.S.; Digumarthi J.; Rao G.S.	Enhancing Self-attention Training in Transformers for Image Captioning Using ViT and BERT	2025	Lecture Notes in Networks and Systems	1229 LNNS			445	453	Conference paper
3593	Allemki S.K.; Vijayasaro V.; Kumar V.P.; Walia V.; Vijayaregunathan N.	Implementation of IOT in Voice Activated Lighting System (VOCALIGHT)	2025	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025				1321	1324	Conference paper
3594	Anitha C.; Ambika B.; Vasuki P.; Rajesh Kumar T.; Ebinezer M.J.D.; Santhosh S.	Enhancing Agricultural Productivity: IOT and Attention-Based CNN-BLSTM For Fine-Grained Crop Disease Detection	2025	Journal of Machine and Computing	5	1		255	263	Article
3595	Anitha C.; Naveena kumar R.R.; Deokar S.U.; Shah H.; Nandankar P.V.; Natrayan L.	Optimal Scheduling of Microgrid with Electric Vehicle Integration in Smart Grid using Progressive Graph Convolutional Network	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				375	380	Conference paper
3596	Ganesh D.; Babu J.S.; Nagendra K.V.; Krishna Kumar N.; Sunil Kumar M.; Sreevidya P.	Transforming Sustainable Farming with Latest Digital Water Resource Monitoring Technologies	2025	Proceedings - 2025 2nd International Conference on Networks and Soft Computing, ICNSoC 2025				653	659	Conference paper
3597	Kamatchi Kannan V.; Ponmurugan P.; Srimathi R.; Vijayakumar G.; Parimalasundar E.; Suresh K.	Quasi Z-Source Inverter with Simple Boost and Maximum Boost Pulse Width Modulation Techniques for PV Grid Connection	2025	Lecture Notes in Electrical Engineering	1302			247	257	Conference paper
3598	Prasanalakshmi B.; Anitha C.; Balamanigandan R.; Mahaveerakannan R.; Gade N.V.R.	Automated Classification and Segmentation of Brain Tumor Images using Backbone ResUNet Framework	2025	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings				1863	1869	Conference paper
3599	Niranjana S.; Venkatanareesh M.; Subathradevi C.; Karthikumar S.; Nalini N.; Jayanthi A.	Clustering Approach Based Hybrid Optimization Using Grey Wolf and Moth-Flame Optimization (MFO) in Autonomous Electrical Vehicles	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
3600	Harika D.; Pujitha K.; Ashok K.; Kumar K.C.; Naveen M.	ACO Optimized Routing for Energy Efficient WSNs with Node Coverage	2025	Proceedings of International Conference on Modern Sustainable Systems, CMSS 2025				937	944	Conference paper
3601	Chitteti C.; Yamuna M.; Srinath M.; Govardhan C.; Vignatha A.	Healthcare Insurance Fraud Detection Using Machine Learning	2025	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025				968	973	Conference paper
3602	Bajpai C.; Ramesh C.; Aravindhan K.; Prajna K.B.; Praveena S.; Sreetharan V.	IoT-Driven Real-Time Soil Health Monitoring for Precision Agriculture Using Bi-Directional Transformer-CNN Models	2025	2025 International Conference on Smart and Sustainable Technology, INCSST 2025						Conference paper

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3603	Chakradhar K.S.; Neelima K.; Rama Rao B.; Nataraj D.; Sridhar S.; Vinutna Ujwala G.	Enhanced Bandwidth for Slotted Patch Antenna with Defective Ground Structure	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				795	799	Conference paper
3604	Valluri A.; Lakshmi P.V.; Srinivasulu A.	Low-Power CNTFETBased Single-Ended Write Driver Circuit for SRAM Design	2025	Circuit Design for Modern Applications				215	227	Book chapter
3605	Geetha P.; Sudarmani R.; Venkataramanan C.; Satyam S.; Nagarajan S.	Graphene Based Solar Photonic Battery for Aircraft-A Finite Element Based 2D Analysis	2025	SAE Technical Papers						Conference paper
3606	Depuru S.; Reddy G.V.V.; Kumar J.J.A.; Subhash E.; Nishika G.; Amala K.	Adaptive Spatio-Temporal Graph-Attention Framework for Cross-Regional Smart Grid Demand Forecasting	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025				451	457	Conference paper
3607	Vilaasini K.P.; Rangarajan K.; Anitha C.; Sekhar T.V.C.; Umadevi M.; Balamuralitharan S.	Improving MANET Security Through Advanced Intrusion Detection Approaches	2025	2025 IEEE 5th International Conference on ICT in Business Industry and Government, ICTBIG 2025						Conference paper
3608	Chandana I.; Madhavi T.	The Role of Technology in Mediating and Moderating the Relationship between Academic Pressure and Mental Health	2025	Proceedings of the 2025 17th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2025						Conference paper
3609	Perli B.R.; Addepalli T.; Srinubabu M.; Medasani S.; Nimmagadda P.; Raju C.; Sharma M.; Zakaria Z.; Al-Gburi A.J.A.	Compact Quad-Port MIMO Antenna Employing Defected Substrate and Ground Plane for Sub-6 GHz 5G Communication	2025	IEEE Access	13			195749	195762	Article
3610	Sudha S.; Kakade K.S.; Ashokkumar N.; Degadwala S.	Machine Learning for Design Solutions of Reconfigurable Intelligent Surface Applications: Intelligent Surface Applications and Future Trends	2025	Applications and Challenges of Reconfigurable Intelligent Surfaces in 6G				169	199	Book chapter
3611	Depuru S.; Reddy P.J.; Rafi S.M.; Amala K.; Akshaya V.; Siri K.L.	Hybrid Temporal-Spatial Energy Prediction in Wireless Sensor Networks using Transformer and Graph Neural Network Models	2025	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025				114	118	Conference paper
3612	Chitra G.; Clement Joe Anand M.; Ittanagi B.M.; Ranjitha B.; Cangul I.N.	PRIME AND CO-PRIME EDGE ANTI-MAGIC VERTEX LABELING OF FAMILIES OF UNICYCLIC GRAPHS IN SENSOR NETWORK	2025	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	15	1		17	26	Article
3613	Prakash S.P.; Mohamadabbas H.; Meghana A.; Adam Smith G.; Ghanya K.	Improved Multiview Graph Convolutional Network for Threat Detection in Internet of Things-based Smart Farming Systems	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3614	Navaz K.; Yazhinian S.; Pillai N.M.; Purushotham N.	A Comparative Evaluation of Machine Learning Methods for Predicting Chronic Kidney Disease	2025	Communications in Computer and Information Science	2203 CCIS			116	125	Conference paper
3615	Adishesha K.; Umesh B.C.; Jeevitha D.; Sujatha H.T.; Ashok A.; Prasad S.S.; Giriprasath R.S.	Temperature Regime Impacts on Reproductive Performance in Various Chickpea (Cicer arietinum L.) Genotypes	2025	Indian Journal of Agricultural Research	59	5		820	826	Article
3616	Kumar N.M.G.; Srinivasan G.; Raj L.H.T.; Lavanya M.	Evaluation of FG using RPO in EDPS via DO Considering Load Variations	2025	Journal of Engineering Science and Technology Review	18	1		146	156	Article
3617	Kamal S.; Sharma P.; Gupta P.K.; Siddiqui M.K.; Singh A.; Dutt A.	DVTXAI: a novel deep vision transformer with an explainable AI-based framework and its application in agriculture	2025	Journal of Supercomputing	81	1	280			Article
3618	Sai Bandhavi M.S.; Gireesha Y.; Sree A.N.; Bhavya Sree Y.; Gutam B.G.	Simplifying Techniques For Speech Therapy With Cutting-Edge Application	2025	2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2025						Conference paper
3619	Reddy A.B.; Chandran M.S.V.; Chaithanya N.; Koushik P.V.; Krishna N.S.	Explainable Transformer-based Detection of Adversarial Prompts in Chatbots	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				1882	1887	Conference paper
3620	Shervani H.; Babu P.S.; Rao Y.M.; Soumya G.; Subramanyam M.V.; Ashokkumar N.	Design of Adder Circuits using GNRFETs in Ternary Logic	2025	Proceedings of the 7th International Conference on Intelligent Sustainable Systems, ICISS 2025				158	164	Conference paper
3621	Prabu R.T.; Vignesh G.D.; Pandian M.M.; Dhandapani A.; Kumar A.K.; Sukumar B.; Ali Y.K.	High speed optical modulation fiber systems for ultra high spectral efficiency improvement through the digital shift keying techniques employment	2025	Journal of Optical Communications						Article
3622	Venkata Prasanna Kumar P.; Vidyashree C.; Palreddy A.; Chitra A.; Sushama C.	Keyframe-Adaptive Sparse Hierarchical Graph Attention Network for Efficient Video Summarization	2025	International Conference on Communication, Computer and Information Technology, IC3IT 2025						Conference paper
3623	Yamsani N.; Archana A.B.; Jugunta S.B.; Sreedevi E.; Tangudu N.; Ambika S.	Emergency Communication Networks – Applications and Challenges	2025	Lecture Notes in Networks and Systems	1230 LNNS			452	460	Conference paper
3624	Tabita G.; Reddy P.U.	Design of interline hybrid continuous trans-impedance turns ratio controlled tuning power filter: New approach to suppress harmonics in energy system	2025	Electric Power Systems Research	238		111107			Article

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3625	Bharaty K.S.; Konduri P.S.R.	Deep Learning-Driven Smart Signal Systems for Advanced Image and Video Processing in Urban Infrastructure	2025	Proceedings - 4th International Conference on Smart Technologies, Communication and Robotics 2025, STCR 2025						Conference paper
3626	Venkata Lakshmi C.; Aravapalli A.; Venkatadri K.; Anwar Bég O.; Ramachandra Prasad V.	IMPACT OF JOULE HEATING AND HYDRO-MAGNETIC EFFECTS ON MIXED CONVECTION IN POROUS CAVITY USING LATTICE BOLTZMANN METHOD	2025	East European Journal of Physics	2025	2		383	397	Article
3627	Geetha P.	Development of Temperature Sensor for Automotive	2025	SAE Technical Papers						Conference paper
3628	Sreeharsha N.; Prasanthi S.; Rao G.S.N.K.; Gajula L.R.; Biradar N.; Goudanavar P.; Naveen N.R.; Shiroorkar P.N.; Meravanige G.; Telsang M.; Asif A.H.; Sreenivasalu P.K.P.	Formulation optimization of chitosan surface coated solid lipid nanoparticles of griseofulvin: A Box-Behnken design and in vivo pharmacokinetic study	2025	European Journal of Pharmaceutical Sciences	204		106951			Article
3629	Meena C.; Kavitha K.	Deep Learning-Driven Computer Vision Techniques for Advancing Smart Greenhouse Agriculture	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025				24	30	Conference paper
3630	Prajwal Hegde N.; Jamadar J.; Changala R.; Mukherjee S.K.; Dhyani B.; Sachuthananthan B.	Machine Learning -Enabled Human Resource Analytics in Predicting Employee Performance	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
3631	Chaturvedi A.; Dankan Gowda V.; Prasad K.D.V.; Anil Kumar N.; Ashreetha B.; Priya C.H.	Optimizing Environmental Monitoring in Smart Urban Areas with IoT-Enabled Wireless Sensor Networks	2025	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025				455	460	Conference paper
3632	Gundu L.; Ramachandran V.; Butchi Raju K.; Hossain R.R.; Sreekanth D.; Putta P.	Blockchain-Enabled Decentralized Data Lakes for Secure and Transparent AI-Ready Data Storage	2025	2025 International Conference on Metaverse and Current Trends in Computing, ICMCTC 2025						Conference paper
3633	Kotha M.; Gopi A.; Balobaid A.; Mubeen S.; Mahalakshmi V.; Reddy Madhavi K.; Sanjana M.	Conversion of Prompt to Image Generation Using AI Generator	2025	Lecture Notes in Networks and Systems	1241			229	243	Conference paper
3634	Neeraja P.; Pushpa G.T.	A Hybrid Career Guidance Platform using Rule-Based and Machine Learning Models for Personalized Recommendations	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7793	7798	Conference paper
3635	Bhanu Prakash P.; Venkata Lakshmi S.; Hendra Kumar R.; Lakshmi Kala K.; Santhi P.D.; Sunitha G.	Denosing Imagery: Speckle Noise Removal Using GANs	2025	Lecture Notes in Networks and Systems	1229 LNNS			462	471	Conference paper
3636	Veeramanikandan R.; Sabarinathan C.; Tamilvendan D.; Sundaravadivel T.A.	EXPERIMENTAL INVESTIGATIONS ON TRIBOLOGICAL AND MECHANICAL BEHAVIOR OF CNTs/AI2O3/GNP REINFORCED EPOXY AND POLYAMIDE HYBRID NANOCOMPOSITES; [EKSPERIMENTALNE PREISKAVE TRIBOLOŠKEGA IN MEHANSKEGA OBNAŠANJA S CNTs, AI2O3 IN GNP OJAČANIMI EPOKSIDNIMI TER POLIAMIDNIMI HIBRIDNIMI NANOKOMPOZITI]	2025	Materiali in Tehnologije	59	3		423	432	Article
3637	Ravalika D.; Reddy R.S.D.; Bhagavatham N.K.; Revathi B.; Ganesh D.; Reddy P.V.	Decentralized and Secure Access Management for IoT Networks via Lightweight Blockchain	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				1650	1653	Conference paper
3638	Pranav Kumar P.V.; Mahaboob Basha S.; Haritha R.; Renuka P.; Tharun P.	CMOS Ring Oscillator for Optimized 5G Mobile Communication Performance:Design and Analysis	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				570	574	Conference paper
3639	Kumari R.P.; Mahaveerakannan R.; Anitha C.; Pote X.R.	ClimaCastNet: A Multimodal Forecasting Framework Leveraging Atmospheric Dehazing and Deep Ensembles for Predicting Heatwave and Cold Wave Events in India	2025	2025 Global Conference on Information Technology and Communication Networks, GITCON 2025						Conference paper
3640	Aswini J.; Raju K.V.; Lavanya V.; Nalini C.; Yalavarthi S.; Tangudu N.	Multimodal Alzheimer’s Disease Diagnosis Using Cross-Attention Transformers and Dense Networks with Dropout Regularization	2025	Lecture Notes in Networks and Systems	1356 LNNS			495	502	Conference paper
3641	Rafi S.M.; Venkatesh L.; Thummala R.S.; Abdul khuddus N.; Pavan Y.; Prasanna P.L.	Web/Mobile-based Tool for Mapping of Water Supply Network using Machine Learning and Predictive Analytics	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7882	7892	Conference paper
3642	Rani K.S.; Lakshmi B.; Anuradha Y.; Babu K.S.; Reddy P.V.; Sabitha Ch.; Rao D.S.	DSS QUERY OPTIMIZATION USING ENTROPYBASED RESTRICTED GENETIC APPROACH ANDPARALLEL PROCESSING	2025	Journal of Theoretical and Applied Information Technology	103	22		9505	9514	Article
3643	Parimalasundar E.; Kumar B.H.; Kumar M.T.; Priya B.B.; Sainath N.; Reddy S.V.V.	Design and Implementation of a Grid-Connected System Using a Multilevel Inverter and DC-DC Boost Converter	2025	7th International Conference on Energy, Power and Environment, ICEPE 2025						Conference paper
3644	Suryanarayana G.; Nasimoddin M.D.; Swapna N.; Balaji V.; Babu M.Y.	Enhancing Network Security Using iptables Automation for Firewall Configuration	2025	2025 International Conference on Responsible, Generative and Explainable AI, ResGenXAI 2025						Conference paper

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3645	Sreetharan V.; Reethu C.; Keshavulu D.; Gulsahil L.S.; Thandra H.	Agricultural Intelligence: Leveraging Machine Learning for Environmental Smart Crop Recommendation	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
3646	Patel A.; Kesswani N.; Sambana B.	Preface	2025	Springer Proceedings in Mathematics and Statistics	442			v		Editorial
3647	Kumar C.S.; Vyshnavi L.; Charitha T.; Reddy V.P.T.; Reddy V.N.; Reddy B.C.S.	Improving Threat Detection in Airport Security Inspections with X-ray Image Enhancement	2025	IEEE International Conference on "Computational, Communication and Information Technology", ICCCIIT 2025				325	330	Conference paper
3648	Umilsingh N.; Venkatachalapathi V.; Latha H.S.; Bobbe S.; Madhu B.; Sree Y.S.; Anushka A.S.	EFFECT OF VARIOUS CROP SPACINGS AND FERTILIZERS ON YIELD AND ECONOMICS OF CHIA (SALVIA HISPANICA L.)	2025	Applied Ecology and Environmental Research	23	1		159	170	Article
3649	Mudavath Y.N.; Puthuru Y.; Sankula S.; Tanguturu K.C.; Kablipatan S.K.	Early Detection of Alzheimer's Disease Based on Handwriting Analysis Using CNN Models	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
3650	Munde Y.; Shinde A.; Anerao P.; Siva I.; Bhosale A.	Statistical Analysis of the Mechanical Properties of FDM 3D-Printed PLA-Based Composites	2025	Signals and Communication Technology	Part F76			97	107	Book chapter
3651	Anusha K.B.; Rajesh S.; Bokhari B.S.M.; Saparbayevich Y.J.; Rao T.C.S.; Kadiri P.; Venkataramanaiah B.	Novel and Efficient Classification of Cardiovascular Abnormalities by Machine Learning	2025	Proceedings of the 9th International Conference on Inventive Systems and Control, ICISC 2025				268	273	Conference paper
3652	Velmurugan G.; Chohan J.S.; Kumar G.; Shankar V.S.; Nagaraj M.	INNOVATIVE BUILDING THERMAL INSULATION: BAMBOO FIBER-BASED ECO-COMPOSITE WITH EGGSHELL POWDER AND CARDBOARD WASTE REINFORCEMENT	2025	Journal of the Balkan Tribological Association	31	3		388	408	Article
3653	Suma K.G.; Balasm Z.; Sasirekha N.; Veera Manikandan P.; Sandhya K.	Emotion Recognition in Visual Art on Color and Texture Analysis using Improved Vision Transformer	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3654	Kausar S.; Somasundar A.; Kardile C.; Vanitha N.; Vaduganathan S.; Arivazhagan H.	Optimized Cancer miRNA Biomarker Classification Using Dynamic Multi-Resolution Spatio-Temporal Attention Network (DMR-STANet) with Adaptive Transfer Learning	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025				480	485	Conference paper
3655	Krishna N.B.; Lokesh K.; Sekhar C.S.; Kiran C.R.; Somasekhar A.V.; Royal G.M.	A Hybrid Approach for Predicting Depression Using Deep Learning	2025	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025						Conference paper
3656	Pothabathula N.J.; Usha R.; Swarnalatha T.; Veera Manikandan P.; Ghamya K.	ISSD-Net: Incremental Self-Supervised Depth Estimation for Real-Time Monocular Video Understanding	2025	International Conference on Communication, Computer and Information Technology, IC3IT 2025						Conference paper
3657	Reddy Madhavi K.; Sunitha P.; Tangudu N.; Sailaja V.; Gudavalli M.; Kumar K.M.	Flower Segmentation and Classification Using U-Net + ResNeXt Deep Model	2025	Lecture Notes in Networks and Systems	1224 LNNS			442	449	Conference paper
3658	Supriya B.K.; Arunraja A.; Gandhimathi B.G.; Sheeba Rani S.; Sudhakar Reddy N.; Sahoo D.R.	DFT Aware Test Architecture for Communication ICs: ATPG-Based Fault Detection on Lower Technology Node	2025	Journal of VLSI Circuits and Systems	7	1		106	117	Article
3659	Kumar G.H.; Raja D.R.K.; Kumar U.P.; Murthy C.R.; Vidyasagar K.N.; Eswari V.	Privacy-Preserving Federated Learning for Equipment Failure Detection in Smart Manufacturing	2025	Proceedings of the 7th International Conference on Intelligent Sustainable Systems, ICISS 2025				755	761	Conference paper
3660	Dekka S.; Raju K.N.; Sai D.M.; Pallavi M.; Sambana B.	Minimize the Energy Consumption to Increase the Network Lifetime for Green IoT Environment	2025	Springer Proceedings in Mathematics and Statistics	441			151	159	Conference paper
3661	Daveedu Raju A.; Valluru D.; Sudarsana Murthy D.; Jagadeeswara Rao P.; Sunil Kumar M.; Davanam G.	An Efficient License Plate Number Recognition System for Traffic Surveillance Using Deep Neural Networks	2025	Lecture Notes in Electrical Engineering	1274 LNEE			1032	1037	Conference paper
3662	Ravi Kumar M.; Madhu G.C.; Narra V.B.; Chidipothu V.K.; Chakradhar K.S.; Sawan V.	Improved Intrusion Detection in Cyber-Physical Systems with Explainable AI and Hybrid Optimization	2025	2025 IEEE International Conference on Emerging Technologies and Applications, MPSEC ICETA 2025						Conference paper
3663	Hussain S.J.; Busireddy Seshakagari H.R.; Avanija J.; Gowri Sankar A.; Suryanarayana G.	Quantum Computing and Teleportation	2025	Quantum Computing: the Past, the Present, and the Future				378	395	Book chapter
3664	Greeshma K.P.; Selvi R.T.; Aiswarya R.; Muthulingam S.; Sen D.B.; John S.	Sustainable ZnO NPs for a Greener Future: An Integrative Review of Emerging Frontiers in Environmental, Biomedical, and Nanoinformatics Applications	2025	Biomedical Materials and Devices						Review
3665	Nune D.; Neelima K.; Jyothirmayi A.; Manikumar C.; Kumar E.I.; Naik J.S.S.	Quadband E shaped Striped Antenna for Microwave and Millimeter Applications	2025	2025 Global Conference in Emerging Technology, GINOTECH 2025						Conference paper
3666	Ashokkumar N.; Pavithra R.; Vajravelu A.; Degadwala S.	Reconfigurable Intelligence Surface-Aided Secured Wireless Communication Networks	2025	Applications and Challenges of Reconfigurable Intelligent Surfaces in 6G				47	86	Book chapter
3667	Neeraja P.; Jasmin S.; Devi R.D.; Reddy P.N.N.; Tejasree S.; Reddy G.R.	Hybrid Machine Learning Classification for Early Heart Disease Prediction	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7812	7818	Conference paper

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3668	Depuru S.; Chandana N.; Alekhya P.; Madhu S.; Devi S.V.C.	LLM-based Security Audit Assistant for Configuration File Analysis	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				1851	1855	Conference paper
3669	Cherapanamjeri J.; Bangole N.K.R.	Harnessing Deep Learning Techniques for the Removal of Occlusion in Face Image	2025	Advances in Artificial Intelligence and Machine Learning	5	2		3768	3783	Article
3670	Vasavi G.; Sandeep Kumar Reddy V.; Basi Reddy A.; Avanija J.; Reddy Madhavi K.; Tangudu N.	Deep Transformer-Based Model for Sepsis Prediction with Multimodal Health Data	2025	Lecture Notes in Networks and Systems	1228 LNNS			304	310	Conference paper
3671	Goundar S.; Bandhana D.; Reddy Madhavi K.; Vyas P.; Zakizadeh M.	Current State of Quantum Computing	2025	Quantum Computing: the Past, the Present, and the Future				83	147	Book chapter
3672	Gaddam S.R.; Reddy P.V.; Rayala U.; Swapna V.; Ganesh D.; Srinivas D.	Balancing Pesticides Production and Environmental Agricultural Farming	2025	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025				801	807	Conference paper
3673	Honnegowda C.K.; Padhy B.; Kumar N.M.; Selva Malar N.; Bandyopadhyay A.; Veerraju N.; Nandagopal K.	Applications of Fuzzy Soft Digraphs in Several Domains	2025	Communications on Applied Nonlinear Analysis	32	1S		290	301	Article
3674	Sai P.S.; Reddy Madhavi K.; Sreedevi K.; Vijay Kumar K.S.; Patel A.; Avanija J.	Interoperability Challenges in the Metaverse: The Need for Unified Platforms	2025	Lecture Notes in Networks and Systems	1225 LNNS			380	386	Conference paper
3675	Rafeeq M.; Chitteti C.; Rani R.J.; Mamatha B.; Kumar V.N.; Dharmireddi S.	Efficient Pest Detection and Classification System for Vegetable Crops Using Regression Tree Algorithm	2025	Lecture Notes in Networks and Systems	1241			477	490	Conference paper
3676	Urmila M.; Leela Rani D.; Nallappa K.; Janaki K.; Sreelakshmi J.; Manohara M.	IoT-Driven Smart Shopping Cart for Enhanced Safety and Convenience	2025	Proceedings of 2025 2nd International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2025				68	73	Conference paper
3677	Kumar C.S.; Sagar P.L.; Kumar G.D.; Reddy C.H.; Krushna B.S.; Reddy C.M.	Drug Recommendation System Using Patient Reviews Based on Sentimental Analysis	2025	2nd International Conference on Machine Learning and Autonomous Systems, ICMLAS 2025 - Proceedings				1516	1522	Conference paper
3678	Narendra Kumar Rao B.; Bala Krishna N.; Varna C.P.	IoT, AI, and metaverse in smart healthcare systems: A review of recent advances and future trends	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				313	336	Book chapter
3679	Rajyalakshmi C.; Rajeswara Rao R.; Mahalakshmi V.; Jugunta S.B.; Reddy Madhavi K.; Shanthi S.	A Fog-Based Security Framework for Smart Agriculture	2025	Lecture Notes in Networks and Systems	1231 LNNS			490	498	Conference paper
3680	Takore T.T.; Krishna K.H.; Kumar K.S.; Kumar R.G.; Jain A.; Keerthika T.	Applications, Enabling Technologies, Vision of Edge Artificial Intelligence for 6G	2025	Advances in AI for Cloud, Edge, and Mobile Computing Applications				213	237	Book chapter
3681	Kaleru S.P.; Ashok kumar N.; Bharathi M.; Sandhyakumari G.; Neelima K.; Nagarajan P.; Basha S.J.	Analysis of Post-Quantum Cryptography Algorithms	2025	Quantum Computing: the Past, the Present, and the Future				396	430	Book chapter
3682	Satyanarayana T.V.V.; Reddy B.B.; Rani A.S.; Lakshmi P.S.; Shaik H.B.	Multi-Stream Attention-Based Convolutional Neural Network for Medical Imaging	2025	Deep Learning in Medical Signal and Image Processing				461	486	Book chapter
3683	Vijayakumar M.; Arun V.; Krishnaraj V.; Nallakumar R.; Karthikeyan G.; Glory Santha Vinothini A.	Variable Frequency Carrier Based Modulation scheme for Switched Capacitor Based Voltage Gain 9-Level Inverter	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
3684	Venkatesh S.; Saritha K.; Gogula S.; Chitteti C.; Yalavarthi S.; Swaraja K.	Multimodal Fusion with Deep Neural Network Architecture for Alzheimer's Disease Prediction	2025	Lecture Notes in Networks and Systems	1245 LNNS			411	418	Conference paper
3685	Jansi S.; Meruga V.B.; Gudala L.; Eilane B.K.; Reddy P.V.; Ganesh D.	Edge-AI Perimeter Surveillance for Autonomous Wildlife-Conflict Mitigation	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				1654	1658	Conference paper
3686	Reddy N.S.; Balamaniandan A.; Sharana R.; Roshini R.; Hareesh S.; Jayanthi R.	Triple-Layer Photovoltaic Module with Radiative Cooling and Photocatalytic Air Purification	2025	Journal of Solar Energy Research	10	3		2450	2462	Article
3687	Sri Nikila M.; Suresh Babu K.; Kavitha K.; Teja Sree B.; Kakad S.; Muthuperumal S.	Predicting Alzheimer's Dementia Using Audio Transcript Data with a Stacked Deep Dense Neural Network Model	2025	Proceedings of 2025 AI-Driven Smart Healthcare for Society 5.0, AdSoc5.0 2025				43	47	Conference paper
3688	Kumar M.S.; Usha R.; Reddy B.R.K.; Ramachandra S.; Prakash P.J.; Swetha B.	Deep Learning Driven - Pest Classification and Sustainable Agriculture	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				1759	1762	Conference paper
3689	HemaChandra S.; Ganesh H.; Bhavya Sree D.; Vaishnavi A.; Bukke C.N.; Golla S.R.	Performance Analysis of Neural Network in Electrical Load Forecasting	2025	Lecture Notes in Networks and Systems	1245 LNNS			363	374	Conference paper
3690	Patel A.K.; Saradhi K.; Chetan G.; Chowdary G.A.; Naseeba B.; Challa N.P.	Next-Gen Quantum Computing—The Fusion of Atoms and Photonic Innovation	2025	Quantum Computing: the Past, the Present, and the Future				330	351	Book chapter
3691	Devamani A.; Tallapragada V.V.S.	FabosNet: A Frequency-Aware Multiscale Attention Framework for Early Detection of Atrial Fibrillation using Ballistocardiogram Signals	2025	Proceedings of 3rd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2025				511	515	Conference paper
3692	Suman M.N.; Kavitha B.C.; Dankan Gowda V.; Nethravathi H.M.; Kumaraswamy I.; Naveen K.B.	Design and Implement a Low Power Wireless Sensor Node Using CMOS Technology	2025	Proceedings of the 2025 3rd International Conference on Inventive Computing and Informatics, ICICI 2025				1508	1514	Conference paper
3693	Lakshmi R.; Al Jawad O.J.J.A.; Prasad G.S.; Murthy C.R.; Nandurkar Y.Y.; Pavithra N.	Memory and Power Efficient Multiplier Design using I-ANT Architecture	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper

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3694	Buragadda V.; Orekanti E.R.; Nendrambakam J.; Puttam V.B.; Murahari P.; Gorige V.S.M.	Influence of Reinforcement Type on Foundation Soil Bulge During Anchor Pullout	2025	Lecture Notes in Civil Engineering	702 LNCE			311	318	Conference paper
3695	Bukke S.P.N.; Ahikiriza A.A.; Sagili V.; Vippamakula S.; Mundu M.M.	Economic and Commercial Aspects of 3D Printing Technology	2025	Precision 3D Printing in Pharmaceutical Sciences: A Transformative Shift in Drug Manufacturing and Delivery Systems				365	382	Book chapter
3696	Farook S.; Reddy B.M.P.; Arjun B.; Thrisha D.K.; Kumar K.J.; Vishnu G.M.	Enhanced Wireless Power Transfer For Evs Genetic Algorithm-Optimized Phase Shift Modulation	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
3697	Gangopadhyay A.; Sadiq Ali S.D.; Divyamshini R.; Ramya Lakshmi P.; Tharun S.	A Novel Approach to Glaucoma Identification Using Deep Convolutional Neural Network	2025	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						Conference paper
3698	Rajeswari K.; Rahul V.; Thrinath B.V.S.; Geetha K.; Vishnu N.; Ghorpade A.J.	A Fully Integrated 90nm CMOS Temperature Sensor for Robust Industrial Applications	2025	2025 12th International Conference on Reliability, Infocom Technologies and Optimization ,Trends and Future Directions, ICRITO 2025						Conference paper
3699	Goud N.S.; Bansal A.; Elavarasi S.A.; Shankar Kumar M.; Sandhya K.	Dynamic Temporal Fusion Transformer for 3D Multi-View Human Pose Estimation	2025	International Conference on Communication, Computer and Information Technology, IC3IT 2025						Conference paper
3700	Kumar M.S.; Charmi G.; Chandana Y.; Jaiyesh D.V.; Kartheek M.H.	Advanced Multimodal Deep Learning for Predicting Cognitive Decline in Alzheimer's Disease	2025	Proceedings - 4th International Conference on Smart Technologies, Communication and Robotics 2025, STCR 2025						Conference paper
3701	Balakrishna N.; Krishnan M.B.M.; Ganesh D.	Mindchrono: A Comparative Study of Deep Learning Models for Eeg-based Depression Detection	2025	Proceedings of the 11th International Conference on Bio Signals, Images, and Instrumentation, ICBSII 2025						Conference paper
3702	Addepalli T.; Shamsheer Daula S.M.; Medasani S.; Chakradhar K.S.; Kiran Kumar B.; Prasanth Kumar J.; Siridhara A.L.; Kumar Naik K.	Parameters Optimization of Compact UWB-MIMO Antenna with WLAN Band Rejection for Short Distance Wireless Communication	2025	IETE Journal of Research	71	7		2413	2429	Article
3703	Roy S.; Nagaraj K.; Mittal A.; Shah F.C.; Raja K.	Artificial Intelligence in Virtual Screening: Transforming Drug Research and Discovery—A Review	2025	Journal of Bio-X Research	8		0041			Review
3704	Mamadiyarov Z.; Sivaraman P.R.; Kumar N.M.G.; Singh P.P.	A Deep Learning-Driven Framework for Sustainable and Intelligent Energy Management in Smart Cities	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
3705	Sunitha G.; Basi Reddy A.; Yadav V.S.; Sai T.V.; Farooq D.S.; Preetham V.S.	Attention-Guided Ensemble Meta-CNN for Real-Time Android Malware Detection from APK Byte-Images	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025				570	575	Conference paper
3706	Rahaman M.; Haque R.; Salahshour S.; Sobczak A.; Azizzadeh F.; Alam S.; Mondal S.P.	Solution of an uncertain EPQ model using the neutrosophic differential equation approach	2025	Operations Research and Decisions	35	2		56	92	Article
3707	Kumar M.V.; Raju H.P.	Transforming Waste Management: Sustainable Strategies for Environmental Protection and Resource Recovery	2025	Waste Management and Utilization for a Sustainable Environment				109	132	Book chapter
3708	Peter G.; Stonier A.A.; Arun V.; Iderus S.	Trapezoidal Amalgamated Rectangular PWM for Space Efficient High Boost Quadratic Inverter	2025	2025 6th International Conference for Emerging Technology, INCET 2025						Conference paper
3709	Rao B.N.K.; Challa N.P.; Chakravarthi S.S.; Ranjana R.; Rao B.B.K.	Diabetic Prediction Using Deep Learning Techniques	2025	Lecture Notes in Networks and Systems	1388 LNNS			255	267	Conference paper
3710	Kumar N.P.; Usha R.; Balakrishna P.; Selvan R.S.; Basi Reddy A.	A Machine-Learning (ML)-Based Conventional Charge Management System Guiding Electric Cars (Evs) To Charging Stations	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
3711	Devaraju T.; Reddy S.V.S.M.; Reddy K.B.K.; Reddy B.B.K.; Reddy V.S.; Harinath P.	A Novel Approach to PV Grid System Enhancement Using 9-Level Harmonic-Controlled SC Inverter	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
3712	Kumar G.R.; Poluru R.K.; Durgadevi S.; Viswanatha Reddy P.; Dinesh Kumar K.; Sriharsha A.V.	A Systematic Review of Blockchain Application in Smart and Sustainable Agriculture	2025	Lecture Notes in Networks and Systems	1231 LNNS			499	507	Conference paper
3713	Yohoshiva B.; Challa N.P.; Rao N.K.; Naseeba B.; Deepthi Ch V.S.	Metaverse for Indian palm leaf manuscripts	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				371	390	Book chapter
3714	Depuru S.; Jaswanth S.; Amala K.; Sivanantham S.; Ankitha K.C.	Enhancing Brain Tumor Detection Using a 3D Residual Dense Attention Network: A Deep Learning Approach	2025	2025 2nd International Conference on Computing and Data Science, ICCDS 2025						Conference paper
3715	Bharathi K.S.; Gupta Y.P.K.; VijaynagTangirala; Salvakkam D.B.; Yenugula Y.; Rakshitha M.	Enhancing Secure Mobility Predictions of MANET Nodes Through Adaptive Learning Techniques	2025	Lecture Notes in Networks and Systems	1230 LNNS			272	283	Conference paper
3716	Yadav S.; Venkataratnam S.; Srikaanth P.B.; Madhavi J.; Reddy A.B.; Selvan R.S.	Development of Light Weight Authentication Protocol Based on Cryptography to Access the IoT Device	2025	Communications in Computer and Information Science	2195 CCIS			154	166	Conference paper
3717	Venkatramana P.; Reddy O.N.K.; Balaji T.; Krishna N.V.; Kumar P.J.; Prakash R.S.	Integrated Diffusion Filtering and Edge-Aware Sharpening for Medical Image Enhancement	2025	Proceedings of 2025 IEEE International Conference on Contemporary Computing and Communications, InC4 2025						Conference paper

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3718	Baseer K.K.; Karthik P.; Sheshendra M.; Sai N.S.; Jagadeesh M.; Mallikarjuna P.	Prediction of Diabetes During Pregnancy Through Fog Environment	2025	Communications in Computer and Information Science	1951 CCIS			231	246	Conference paper
3719	Kumar P.; Madhuri S.; Singh A.K.; Gogineni A.; Shubham K.; Kumar V.P.	Mitigating Seismic Impacts on Asymmetric Structures Through Response Control Technologies	2025	Advances in Civil Engineering	2025	1	2665226			Article
3720	Nandagopal V.; Bhuvaneshwari R.; Purushotham K.; Rajesh kumar K.; Asif khan P.	Evaluation of PMDC, BLDC, and SRM Motors for Electric Vehicles with SoC and Range Analysis	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				828	835	Conference paper
3721	Thejasree P.; Natarajan M.; Khan M.A.; Vempati S.; Yelamasetti B.; Dasore A.	Application of a hybrid Taguchi grey approach for determining the optimal parameters on laser beam welding of dissimilar metals	2025	International Journal on Interactive Design and Manufacturing	19	1		175	184	Article
3722	Kavitha K.; Priya Muga D.; Puchhakayala A.C.; Nithin Sai P.; Perla D.; Chitturi S.N.S.V.	Accurate Yield Forecast for Sustainable Agriculture	2025	Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025				997	1002	Conference paper
3723	Maddilety C.; Vishnu V.; Thota R.; Babu M.S.; Mesiya Stalin W.; Singh P.; Kate C.	Enhanced Lung Cancer Prediction with a Hyperparameter-Tuned TabNet Model	2025	2025 2nd Asia Pacific Conference on Innovation in Technology, APCIT 2025						Conference paper
3724	Kannan K.S.; MeganaSanthoshi P.; Basi Reddy A.; Avanija J.; Reddy Madhavi K.; Galety M.G.; Pranitha K.	Multi-scale Lung Nodule Detection with U-Net and Dilated Convolution Networks in Thoracic CT Scans	2025	Lecture Notes in Networks and Systems	1228 LNNS			319	325	Conference paper
3725	Chirareddygar Y.; Bhyravagani G.; Ganji N.; Bochu O.S.; Nimmagadda P.	Transparent and Flexible Multiband Antenna with Defective Ground Structure for Satellite Applications	2025	2025 Global Conference in Emerging Technology, GINOTECH 2025						Conference paper
3726	Sinthia P.; Nagarajan P.; Kumar N.A.; Thandapani K.; Arthi G.; Malathi M.	An IoT Based Mini Healthcare Kit for Smart Personal Health Monitoring	2025	Lecture Notes in Networks and Systems	1379 LNNS			367	376	Conference paper
3727	Penujuri R.; Praveena K.; Shaik M.B.; Korrapati V.S.C.; Aka D.	Design and validation of Mixed Logic 2-to-4 Decoders Using 32nm FinFET Technology	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				259	263	Conference paper
3728	Pydala B.; Baseer K.K.; Reddy K.V.S.; Harshi K.K.; Hemanth G.; Thejomsri M.	Enhanced SMS Spam Detection Using Boost Light Approach	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
3729	Sarada T.; Jyothsna V.	Multi-Model Deep Learning Framework for Scene Recognition in Indoor and Outdoor Environments: A Comparative Study	2025	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025				1375	1383	Conference paper
3730	Ramesh P.S.; Manikanthan S.V.; Reddy B.B.; Chitteti C.; Sailaja V.N.	Artificial Intelligence-Powered Chatbots for Waste Management: A Vision for Circular and Smart Cities	2025	Advances in Nonlinear Variational Inequalities	28	2		09	19	Article
3731	Venkatesh M.; Chiranjeevi S.V.; Kumar M.S.; Alam S.S.; Davanam G.; Malchi S.K.	Application of Multilingual OCR Algorithm for Converting Text from Images and PDFs	2025	Lecture Notes in Electrical Engineering	1274 LNEE			1025	1031	Conference paper
3732	Chinnasamy P.; Khan P.F.; Sasikala C.; Swathi M.; Kumar M.P.; Yadav A.K.	Industrial IoT Smart Manufacturing Systems based on Cloud Computing Energy Efficiency Analysis using Machine Learning Algorithms	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				634	638	Conference paper
3733	Madaan S.; Sai T.B.V.; Mandal R.; Kar A.; Sharma M.; Selvakumar P.; Manjunath T.C.	Math Instruction and AI	2025	Examining AI Disruption in Educational Settings: Challenges and Opportunities				161	184	Book chapter
3734	Gurrapu O.; Prasad K.P.; Anitha P.; Mannanuddin K.; Prakash Reddy P.C.; Raveendra Naick B.	IoT based Medical Monitoring System using Node MCU	2025	Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025				379	383	Conference paper
3735	Maruthi P.B.; Soubhagyalakshmi P.; Jaswanth V.V.	Banana Fruits Quality Detection using Deep Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			4854	4859	Conference paper
3736	Sidhu N.; Jain P.; Mukherjee C.; Pratheep P.S.; Anwar A.F.; Satheesh A.; Kaur M.; Gairola K.; Mukherjee D.; Moza B.	Recent advancements in heterocyclic compounds as agrochemicals – A review	2025	Indian Journal of Heterocyclic Chemistry	35	2		443	450	Article
3737	Muvva V.B.R.; Almoussawi Z.A.; Naik N.; Madhavan S.; Praveena H.D.	An Optimal Cluster Head and Secure Route Path Selection Using Multi Objective—GWO Approach in Wireless Sensor Networks	2025	Lecture Notes in Electrical Engineering	1270			163	173	Conference paper
3738	Kishore T.; Venkatramana P.	Design of GNRFET Based Ternary Half Adder and Multiplier Schematics Using Multiplexers	2025	Transactions on Electrical and Electronic Materials						Article
3739	Pranitha K.; Geethanjali N.; Sreedevi E.; Babu A.J.; Vurukonda N.; Rajakumari K.	Metaheuristics and Hybrid Evolutionary Methods for Feature Selection	2025	Lecture Notes in Networks and Systems	1230 LNNS			432	442	Conference paper
3740	Chitteti C.; Mamatha S.; Chandra P.J.; Banu S.S.; Reddy S.S.	Autonomous Drone Navigation Using Deep Reinforcement Learning	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
3741	Depuru S.K.; Lakshmi K.R.; Chandrahas G.; Chetana M.; Reddy M.V.K.	Adaptive and Privacy-Preserving Detection of Evolving Prompt Injection Attacks in Large Language Models	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025				1445	1450	Conference paper

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3742	Dharani M.; Bindu P.H.; Krishna V.M.; Adarsh P.; Aparna P.; Chengamma C.	Enhancing Women's Security with Real-Time Monitoring	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				345	350	Conference paper
3743	Bhuvaneswari C.; Sree K.N.; Khresat O.; Priyanka P.; Babu M.A.; Kumar A.T.A.K.	A Design of Enhanced Dyna-Q Algorithm with Emotional Learning and Thread Mapping in Brain-Inspired Robot Navigation System	2025	Proceedings of 2025 10th International Conference on Science Technology, Engineering and Mathematics, ICONSTEM 2025						Conference paper
3744	Saradhi K.; Davanam G.; Malchi S.K.	A Novel and Efficient Machine Learning Technique for Cleaning Q-Messy Data	2025	Lecture Notes in Electrical Engineering	1274	LNEE		1038	1043	Conference paper
3745	Srinivasulu N.; Yadav T.V.; Hemanth S.V.S.; Priya R.V.; Kumar T.U.	Design and Analysis of THz Antenna for 6G Applications Using CSRR-Based Technology to Enhance Return Loss and Gain in HFSS	2025	2nd International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2025						Conference paper
3746	Thandapani K.; Arulmary A.; Manimaran B.; Kumar N.A.; Supraja C.; Murugan C.	New Radio User Equipment for Positioning Accuracy Enhancement using AI	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025				1479	1484	Conference paper
3747	Neeraja P.; Harshavardhan V.; Jyothi Babu A.; Suresh A.	AI-Based Adaptive Cyber Security System for Zero Day Attacks	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7805	7811	Conference paper
3748	Sivakumar C.; Sravya M.; Balu C.; Prasanna B.L.; Vinay B.	Detecting and Reporting IoT Attacks using AI Models	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
3749	Aslam; Murthy M.S.; Reddy P.M.	Establishing pest status of leaf eating caterpillar, <i>Condica capensis</i> (Guenée) (Lepidoptera: Noctuidae) on safflower alongwith its natural enemies, biology and management in Karnataka	2025	Journal of Entomological Research	49			1313	1319	Article
3750	Ramana P.V.; Reddy G.J.; Krishna V.S.; Reddy Y.Y.; Reddy V.V.	A Hybrid Signal Denoising Approach using Wavelet Decomposition and Neural Network-based Thresholding	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				1400	1404	Conference paper
3751	Kovuri K.; Vishnu Vandana Devi V.; Ayyappa Swamy K.; Lavanya K.; Avanija J.; Goundar S.	Meta-Learning Enhanced Self-Supervised Methods for Crop Yield Estimation Using UAV Imagery in Precision Agriculture	2025	Lecture Notes in Networks and Systems	1356	LNNS		503	511	Conference paper
3752	Neeraja P.; Jyothi Babu A.; Sai Manjunath G.; Basha S.M.	Smart Diagnostics: The Future of Neurodegenerative Disease Detection	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7860	7866	Conference paper
3753	Prabu R.T.; Muruges M.; Siddharthan N.; Prabu A.S.; Kumar C.R.; Prathima C.; Orabi O.S.	Laser diode transmission characteristics management for high optical fiber coupling system stability with various spectral wavelength windows	2025	Journal of Optical Communications						Article
3754	Dharani N.P.; Archana B.; Teja T.M.; Rahulsankritya R.; Anusha G.	Implementation of IoT based Women Safety System	2025	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025				1768	1774	Conference paper
3755	Jaiswal V.K.; Madhurima V.; Bharathi M.; Sandhya Kumari G.; Tabassum S.; Ashok Kumar N.; Poornima M.	Journey into Quantum Computing—Cryptographic Security and Learning Algorithms	2025	Quantum Computing: the Past, the Present, and the Future				308	329	Book chapter
3756	Nagendra Reddy B.; Jansi S.; Gaddam S.R.; Kumar V.D.; Reddy P.V.; Ganesh D.	Beach Recreation App for India: A Machine Learning-based Suitability and Safety Analysis	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAI 2025				1461	1465	Conference paper
3757	Shanmugasundaram R.; G Rudhiran V.; Selvaprakash S.; Thirupathi Raja G.; Ganesh C.; Tamilselvi P.	Fail-Safe Power Management: A Wireless Energy Monitoring and Switching Framework for Mission-Critical Loads	2025	Proceedings of the 2025 1st International Conference on Advances in Engineering and Computing Technologies for Sustainable Development, AECTSD 2025						Conference paper
3758	Basi Reddy A.; Charitha K.; Saipraneesh S.; Kallian Y.P.; Reddy C.G.S.	NeuroSense: An IoT-Integrated Multimodal Framework for Real-Time Stress and Depression Detection using Machine Learning	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				1311	1316	Conference paper
3759	Ravichandran S.; Bhagyalakshmi A.; Musale J.C.; Prabhu M.R.; Kumar N.A.	Innovative IoT System and Machine Learning Approach for Predictive Maintenance Identification in Industrial Machines	2025	Technological Applications for Smart Sensors: Intelligent Applications for Real-Time Strategies				483	501	Book chapter
3760	Mallikarjunaiah S.; Rao E.A.; Girinath S.; Savithri H.; Kandi V.S.P.; Chakravarthi M.K.	Explainable AI-Powered Fraud Detection Device for Secure Financial Transactions	2025	Proceedings ICECONF 2025 - 2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering						Conference paper
3761	Mohandass G.; Sridhathan C.; Hari Krishnan G.; Nandhini I.	Optimized dense back-projection joint attention network for automatic seizure detection from EEG signal	2025	Computer Methods in Biomechanics and Biomedical Engineering						Article
3762	Balamurugan J.; Yadav M.; Madhavi J.; Reddy A.B.; Selvan R.S.	Step-by-Step Image Encryption Using UACI and PixAdapt	2025	Communications in Computer and Information Science	2195	CCIS		182	193	Conference paper

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3763	Anil Kumar N.; Ashreetha B.; Reddy A.M.; Kawale S.R.; Dankan Gowda V.; Singh S.	Optimizing IoT Sensor Networks with a Novel Machine Learning Method for Improved Efficiency	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025				922	927	Conference paper
3764	Kiran K.; Devaraju T.	Adaptive Power System Security Enhancement Using Machine Learning and Soft Computing	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
3765	Prasad S.S.; Singh A.; Murali N.V.; Chimmalagi U.; Jeevitha D.; Das U.; Adishesha K.; Sutradhar M.	ENZYME DYNAMICS IN AEROBIC PLANTS UNDER FLOOD STRESS (review)	2025	Sel'skokhozyaistvennaya Biologiya	60	5		792	809	Article
3766	Naresh G.; Sreenath A.; Nikitha B.; Vikram G.; Srichakra D.	Impedance Matching for Planar Quasi- Yagi Antenna with Zero-Index Metamaterial	2025	2025 Global Conference in Emerging Technology, GINOTECH 2025						Conference paper
3767	Ponnuviji N.P.; Sumaiya Begum A.; Gnanasekaran T.; Rajendiran M.; Shenbaga Ezhil S.	Leveraging Random Forest for Intelligent IoT Systems in Industrial Environments	2025	Communications in Computer and Information Science	1971	CCIS		46	57	Conference paper
3768	Kamatchi Kannan V.; Muniraj C.; Sankarganesh R.; Parimalsundar E.; Thrinath B.V.S.; Ponmurugan P.	Electric Vehicle Fault Battery Analyzer Using Internet of Things	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025				706	710	Conference paper
3769	Peter G.; Stonier A.A.; Arun V.; Iderus S.	Novel 9-Level Switched Capacitor Inverter with Reduced Components and Variable Frequency PWM	2025	2025 6th International Conference for Emerging Technology, INCET 2025						Conference paper
3770	Naveen K.; Peramalasetty R.; Joshna M.; Navaz K.; Jayasree L.; Madhavi K.R.	Navigating the E-Learning Landscape: A Systematic Evaluation of Website Performance Using the Weighted Sum Method	2025	Lecture Notes in Networks and Systems	1246	LNNS		419	428	Conference paper
3771	Kumar M.K.; Kudari R.; Sushama C.; Sunil Kumar M.; Neelima P.; Ganesh D.	Efficient Algorithms for Vehicle Plate Detection in Dynamic Environments	2025	Communications on Applied Nonlinear Analysis	32	15		273	289	Article
3772	Nara N.; Jyothsna V.	IoT Security Landscape: A Review of Threat Detection, Trust Management and Resilient Communication	2025	Proceedings of the 4th International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2025				490	498	Conference paper
3773	Prathima A.; Lakshmi U.P.; Muhammed Abraar S.A.; Karmakonda K.; Grandhi A.; Ashokkumar N.	Optimized Machine Learning Framework for Pediatric Appendicitis Diagnosis Using Multi-Stage Feature Selection	2025	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025				1121	1128	Conference paper
3774	Ganesha A.C.; Vinod Kumar M.; Navy A.; Reddy G.D.R.; Ragavi S.R.; Gowtham C.N.; Kirgiz M.S.	Behavior of Bacterial Strain over Cementless Geopolymer Concrete for Sustainable Development	2025	Handbook of Innovative Adhesive Technology: Biodegradable and Cost-Effective Binder for Built Environment and Engineering Sciences				169	181	Book chapter
3775	Chand S.; Goundar S.; Bandhana D.; Avanija J.; Khwakhali U.S.	A Systematic Literature Review of Quantum Computing	2025	Quantum Computing: the Past, the Present, and the Future				148	206	Book chapter
3776	Kuzhaloli S.; Malathi V.; Lakshmi B.J.; Sriharsha A.V.; Dinesh Kumar T.; Lakshmibai T.	Federated and Explainable Intrusion Detection Systems for Large-Scale Heterogeneous Networks using Ensemble Deep Learning	2025	4th International Conference on Automation, Computing and Renewable Systems, ICACRS 2025 - Proceedings				1133	1139	Conference paper
3777	Tamilselvan K.; Kumar N.A.; Kumar K.B.J.; Kumar G.V.; Askar S.; Giri P.	Efficient Node Deployment and Optimization for Cognitive Radio Based Vehicular Communication	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
3778	Babu C.R.; Challagundla R.; Kumar P.K.; Babu S.D.; Babu J.S.; Kumar M.S.	Risk Prediction System for PCOS Disease Using Machine Learning	2025	6th IEEE International Conference on Recent Advances in Information Technology, RAIT 2025						Conference paper
3779	Abukhanafer G.; Tiwari A.; Kumar K.S.; Beeram E.; Mariappan M.; Dixit P.R.; Bhavsar S.N.	Photocatalytic degradation of organic pollutants in water: Application of TiO2-based nanocomposites	2025	Periodicals of Engineering and Natural Sciences	13	2		403	416	Article
3780	Saleem P.A.A.; Raja R.; Selvakumar R.K.; Rao K.V.; Abdullah P.A.A.	An Advanced LEACH Protocol Using WASPAS for Optimal Cluster Head Selection to Extend Network Life in WSNs	2025	Lecture Notes in Networks and Systems	885			431	441	Conference paper
3781	Ravichand M.; Ganesh D.; Jayaranjan M.; Kumar M.S.; Neelambaram B.; Reddy K.V.K.	AI-Enhanced Detection and Classification of Banana Leaf Diseases Using SVM and CNN	2025	2025 2nd International Conference on Computing and Data Science, ICCDS 2025						Conference paper
3782	Dankan Gowda V.; Dhole S.A.; Prasad K.D.V.; Patil J.K.; Jagdale S.M.; Farook S.; Sakhare D.	Optimizing Configurable Logic Blocks with Advanced Error-Resilient Circuits for Low-Power FPGA Systems	2025	International Journal of Electrical and Electronics Research	13	2		227	236	Article
3783	Balakrishna N.; Mukesh Krishnan M.B.; Ganesh D.	A Novel & Hybrid Algorithm for Real Time Depression Detection via EEG Analysis	2025	Proceedings of the 11th International Conference on Bio Signals, Images, and Instrumentation, ICBSII 2025						Conference paper
3784	Sivaiah B.V.; Narayana C.V.L.; Prasanna K.L.; Vinathi D.; Hemanth K.S.; Vardhan K.V.	Deep Fake Image Detection Using Deep Learning	2025	2025 6th International Conference for Emerging Technology, INCET 2025						Conference paper
3785	Kumar M.R.; Tharun R.; Muralimohan S.; Rani R.; Kumar A.M.M.; Dharani M.	Routing Attack Detection Using Ensemble Artificial Intelligence Model for IIoT	2025	Lecture Notes in Networks and Systems	1246	LNNS		390	398	Conference paper
3786	Bompem G.; Pandluri D.	DeepQ Classifier for Predicting of Brain Tumor using Convolutional Neural Network	2025	2025 5th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2025						Conference paper
3787	Sagili V.; Vippamakula S.; Bukke S.P.N.; Nichola B.; Moses K.	Intellectual Property Issues in Pharmaceutical 3D Printing	2025	Precision 3D Printing in Pharmaceutical Sciences: A Transformative Shift in Drug Manufacturing and Delivery Systems				345	364	Book chapter

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3788	Balasubramaniam P.M.; Sivakumar J.; Prabhu S.; Arun V.; Muniyan V.; Madhaiyan V.	Advancing Switched Reluctance Motor Design for Electric Vehicles Through Performance Optimization	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025				624	630	Conference paper
3789	Maruthi P.B.; Indhu C.; Jasmine N.; Bhoomika P.; Gulnaz S.	Recognition of Early Liver Disease Detection using Deep Learning	2025	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025				689	694	Conference paper
3790	Reddy A B.; Nooraïen M.A.; Kumar P.D.; Priya M.B.L.; Nadeem P.	A Multimodal Transformer Architecture for Detecting Coordinated Network Attacks	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				992	997	Conference paper
3791	Dwivedi J.; Sachan P.; Wal P.; Wal A.; Vippamakula S.; Shankara R.K.; Sharma M.C.	Clinical Evidence of Traditional Medicines in Modulating the Immune Response and Diabetic Wound Healing	2025	Current Topics in Medicinal Chemistry						Review
3792	Ruby E.D.K.; Al-Nassar B.; Vignesh G.D.; Gedam N.; Naresh G.; Nagaraju N.	Experimental Analysis of Improved AODV Protocol with Automatic Route Guidance Method in Vehicular Communication	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
3793	Richard K.; Venkateswarlu M.; Gutam B.G.; Julian N.	Securing E-Commerce: Strategic Innovations in AI and ML-Based Data Security	2025	Lecture Notes in Networks and Systems	1241			47	55	Conference paper
3794	Ashreetha B.; Lavanya L.; Kumar K.V.; Lakshmi K.D.; Tharakeswar K.	Renovate Urban Outlook with AI: Renewable Planning for Smarter Cities	2025	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025				293	298	Conference paper
3795	Gadaparthi K.; Prakash P.; Nathan S.R.; Raju V.	Understanding the impact of nickel coating on the mechanical and corrosion behaviour of copper foams	2025	Canadian Metallurgical Quarterly	64	4		1964	1971	Article
3796	Gudala L.; Kodgi P.A.; Kumar Pamidi Venkata A.; Balasm Z.; Ghanya K.	Unmanned Aerial Vehicles with You only Look Once Version5 in Agriculture Monitoring	2025	3rd International Conference on Data Science and Information System, ICDSIS 2025						Conference paper
3797	Senapati D.; Sayeed N.; Dutta S.; Sanjaya P.R.; Rajani A.; Chandrakar L.	Innovations in Bioelectronics: Advances in Implantable Sensors for Real-Time Monitoring of Biochemical Signals	2025	Proceedings of 2025 10th International Conference on Science Technology, Engineering and Mathematics, ICONSTEM 2025						Conference paper
3798	Leela P.; Megana Santhoshi P.; Swamy K.A.; Madhavi K.R.; Tangudu N.; Kumar K.M.	Vehicle Type Detection Using Faster R-CNN	2025	Lecture Notes in Networks and Systems	1224	LNNS		450	456	Conference paper
3799	Depuru S.; Peer A.G.; Reddy C.C.G.D.; Reddy G.M.; Reddy A.S.K.	Deep Spatio-Temporal Learning for Early and Precise Crop Disease Detection using UAV and Satellite Fusion	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				1465	1470	Conference paper
3800	Prabu R.T.; Dhandapani A.; Ramya M.; Kumar C.R.; Kanchana R.; Prathima C.; Madian F.K.	High speed dense wavelength division multiplexing (DWDM) transceiver optical communication system simulation study based hybrid FSO/OFC channel for local area network applications	2025	Journal of Optical Communications						Article
3801	Sukumar T.; Esha D.; Prasad D.L.V.; Mahima Chowdary E.; Murari P.	Stock Market Prediction using Transductive LSTM and Off-Policy PPO-Enhanced Sentiment Analysis	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				943	949	Conference paper
3802	Yasmine Begum A.; Edwin Lawrence E.; Saravanan M.; Ravivarman G.; Latha B.; Ganesh Babu L.	Advanced biosignal processing and emotion recognition through artificial intelligence	2025	Applied Mathematical Modeling for Biomedical Robotics and Wearable Devices				59	78	Book chapter
3803	Raj V.R.; Venkatesh M.; Padma Raju P.V.R.S.; Mageswari S.D.U.; Tallapragada V.V.S.; Bhagavan V.S.; Ashok N.; Philip J.M.; Rajaram A.	SUSTAINABLE STRATEGIES FOR THE REMEDIATION OF HEAVY METALS IN CONTAMINATED SOILS USING BIOCHAR AND MICROBIAL TECHNIQUES	2025	Journal of the Balkan Tribological Association	31	5		890	900	Article
3804	Jayakumar S.; Sita H.; Parimalasundar E.; Prathibha K.; Kumar B.H.; Kannan V.K.	Smart Grid Integration Using a High-Performance Modified 7-Level Multilevel Inverter	2025	2025 6th International Conference on Data Intelligence and Cognitive Informatics, ICDICI 2025				1401	1406	Conference paper
3805	Ashreetha B.; Yadav T.S.K.; Sreedhar S.; Siddeswara V.M.; Sudharani O.	Optimized Text-to-Image Synthesis Using Stable Diffusion and the Diffusers Library	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				101	106	Conference paper
3806	Venkatesh P.; Mukesh K.; Johanan V.; Lakshmi T.S.; Lalitha G.; Thrinath B.V.S.	Power System Security Assessment And Enhancement With Proposed Ranking Index For Voltage Stability Analysis	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
3807	Bhaskar K.B.; Nandagopal V.; Sreeranganayakulu J.; Sathiyamoorthi V.; Gopi R.; Sivakamasundari N.	Comparative Analysis of SVM, Random Forest and Reinforcement Learning for Harmonic Mitigation in Smart Homes	2025	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025				604	608	Conference paper
3808	Sunitha Ram C.; Kumud; Sanitha P.C.; Ashok Kumar K.; Kadiri P.; Niranjanamurthy M.	Exploring the Edge: Virtualizing Computing and Networking Resources for Enhanced Performance	2025	2025 3rd International Conference on IoT, Communication and Automation Technology, ICICAT 2025						Conference paper
3809	Dharmajee Rao D.T.V.; Basi Reddy A.; Avanija J.; Reddy Madhavi K.; Swaraja K.; Rajeyyagari S.	Robust Predictive Analysis of COPD with AI Models	2025	Lecture Notes in Networks and Systems	1228	LNNS		326	334	Conference paper

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3810	Manojkumar B.; Chakradhar K.S.	Unified Deep Learning Framework for Multi-Retinal Disease and Corneal Arcus Detection with Cholesterol Estimation in Real-Time Applications	2025	2025 International Conference on Electrical and Electronics Engineering, ICE3 2025						Conference paper
3811	Venkata Subrahmanyam P.; Kathyayani G.; Ramudu G.V.; Venkatadri K.	THE STAGNATION POINT FLOW OF THE MHD CASSON POLYMERIC NANOFLUID FLOWS TOWARD A WAVY CIRCULAR CYLINDER SATURATED WITH A POROUS MEDIUM UNDER CONVECTIVE NIELD CONDITIONS AND THERMAL RADIATION	2025	East European Journal of Physics	2025	3		168	179	Article
3812	Nagendra K.V.; Madamala R.; Rao C.M.; Lalitha Sree Thatavarthi N.; Bhetalam A.	A Comprehensive Review of COVID-19 Detection Methods: Cough Sounds, Clinical Symptoms, Chest X-Rays, and CT Imaging	2025	2025 International Conference on Intelligent and Secure Engineering Solutions, CISES 2025				873	876	Conference paper
3813	Bhavitha C.; Reddy A.D.; Dankan Gowda V.; Pavan B.H.V.V.S.R.K.K.; Pathak D.; Kumaraswamy I.	Predictive Accuracy of Machine Learning Models in Early Detection of Parkinson's Disease	2025	Proceedings of 3rd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2025				493	501	Conference paper
3814	Kumar M.R.; Kalyani B.J.D.; Suneetha K.; Satyam K.; HemaChandra S.; Madhavi K.R.	Improvement of Communication Stability by Geo-Drone-Based SOA Routing Algorithm in Emergency Area Ad-Hoc Network	2025	Lecture Notes in Networks and Systems	1247 LNNS			406	418	Conference paper
3815	Iderus S.; Arun V.; Stonier A.A.; Peter G.	Level shifted PWM control for Switched capacitor-Based Boost Inverter	2025	APCI 2025 - 2025 International Conference on Advancements in Power, Communication and Intelligent Systems						Conference paper
3816	Lakshmi H.N.; Rupa Devi B.; Anjaiah P.; Nithisha C.; Sumalatha K.; Kavitha R.	Optimizing Industrial Energy Management: Employing Machine Learning and Data Analytics for Sustainable Practices	2025	Lecture Notes in Networks and Systems	1356 LNNS			449	459	Conference paper
3817	Ruba Sri D.R.; Kamatchi Kannan V.; Kalpana Devi S.; Thrinath B.V.S.; Sankarganesh R.; Ponmurugan P.	Design and Simulation of Five Level Multilevel Inverter for EV Applications	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				657	661	Conference paper
3818	Thamilselvi S.S.; Kalpana Devi S.; Kamatchi Kannan V.; Sai Thrinath B.V.; Thenmalar K.; Ponmurugan P.	Advanced AI Driven Solution for Precise Water Management in Irrigation Systems	2025	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025				2205	2210	Conference paper
3819	Anitha C.; Vipashi Kansal G.; Deokar S.U.; Sutaria K.; Ravi Kumar V.; Natrayan L.	Bi-Directional Power Control in Grid-Connected Electric Vehicle On-Board Chargers using Spider Wasp Optimization	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				517	522	Conference paper
3820	Bharaty K.S.; Konduri P.S.R.	Deep Learning-based Wind Speed Forecasting for Enhanced Smart Grid Efficiency and Stability	2025	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025				108	113	Conference paper
3821	Prabu R.T.; Chitra M.P.; Gunasekaran V.; Neelamegam N.; Patnala P.M.; Kakarla P.; Ahmed A.a.R.	Simulative study of optical digital signal processing based space/mode division multiplexing system with elevated hybrid ultra wide-band EDFA/Raman/EDFA amplification over SDM/few mode fibers	2025	Journal of Optical Communications						Article
3822	Dhanalakshmi P.; Yadav G.H.K.; Kotha V.; Garladinne R.; Balakrishna N.	Deep Learning (DL)-Powered Drowsiness Detection for Enhanced Driving Safety in Smart Transportation System	2025	Lecture Notes in Intelligent Transportation and Infrastructure	Part F64			231	247	Book chapter
3823	Ali S.V.; Khan P.M.D.A.; Rajasekhar G.; Sasidhar V.	Efficient Recovery of Deleted Data and Metadata from XFS and Btrfs Filesystem	2025	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025				241	245	Conference paper
3824	Sekhar J.C.; Pratap V.K.; Ramu J.; Bikku T.; Sachuthananthan B.	Securing Vehicular Ad-Hoc Networks: Attack Tree and Trust-Based Analysis	2025	Lecture Notes in Networks and Systems	1230 LNNS			461	472	Conference paper
3825	Sakhamoori D.; Hema Chandra S.	Predicting Carbon Dioxide Emissions from the Power Sector Using Artificial Neural Network	2025	2nd International Conference on Machine Learning and Autonomous Systems, ICMLAS 2025 - Proceedings				1878	1882	Conference paper
3826	Hegde N.P.; Sivaraman R.; Dharmamoorthy G.; Dubey A.K.; Patro P.; Mary S.S.C.	Development of Elliptical Cryptography Technique to Watermark Embedded and Extrusion for Healthcare Records	2025	Communications in Computer and Information Science	2195 CCIS			167	181	Conference paper
3827	Pattanayak K.P.; Durga Prasad N.; Parhi A.; Danesh K.; Mishra N.; Sahoo D.K.	Mapping the Millet Value Chain in Nabarangpur, Odisha Using PCA: A Data-Driven Analysis of Livelihood and Market Dynamics	2025	2nd International Conference on Cognitive, Green and Ubiquitous Computing, IC-CGU 2025						Conference paper
3828	Vali S.S.; Ashokkumar N.	Design of Low Power High Speed Flipflop using 18nm FinFET Technology	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				124	129	Conference paper
3829	Sudhakar P.; Kumaraswamy I.; Reddy T.R.S.; Krishna N.H.; Bose N.S.C.; Krishnan G.H.	Optimizing Apple Leaf Disease Detection with Advanced Ensemble Architectures	2025	6th International Conference on Innovative Trends in Information Technology: Secure, Trustworthy and Socially Responsible AI, ICITIIT 2025						Conference paper

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3830	Bhargavi P.; Samhita N.S.; Mahesh G.; Narayana H.; Kumar K.A.	Learning-based Approach for Early Detection of Hardware Trojans in Open-Source Hardware	2025	4th International Conference on Automation, Computing and Renewable Systems, ICACRS 2025 - Proceedings				1315	1320	Conference paper
3831	Reddy K.T.K.; Dharmamoorthy G.; Gupta J.K.; Karpagavalli L.; Elumalai S.; Kareemulla S.; Jeevitha M.; Krishnan K.	Challenges and future perspective of illicit drug sensors and strategies	2025	Nanotechnology-Based Sensing Platforms for Illicit Drugs				351	373	Book chapter
3832	Godula L.R.; Sadu V.S.J.; Racharla S.R.G.; Appollu H.W.R.; Satyanarayana T.V.V.	Design And Validation Of Low Power Low Area High Speed Mixed Logic 4 Bit Comparator	2025	Proceedings - 2025 5th International Conference on Expert Clouds and Applications, ICOECA 2025				402	406	Conference paper
3833	Gutam B.G.; Subhash Chandra Mouli D.; Kumar J.N.; Babu S.D.; Babu J.S.; Kumar M.S.	A Machine Learning and Community-Driven Approach for Feminist Cyber Resistance Framework to Mitigate Online Gender-Based Violence	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
3834	Kumar A.; Ahmed W.; Putta P.; Bekchanov D.; Solayev O.; Gami C.C.	Optimizing Energy Efficiency in Wireless Sensor Networks Using Genetic Algorithm-Based Routing Protocols	2025	2025 International Conference on Networks and Cryptology, NETCRYPT 2025				217	222	Conference paper
3835	Kumar M.S.; Sirisala S.; Yamuna R.; Reddy B.R.; Prakash P.J.; Rakesh U.	Computational Literary Analysis in the Age of AI: Transforming Textual Interpretation Through Artificial Intelligence & Machine Learning	2025	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025				1756	1760	Conference paper
3836	Kumar N.M.; Prasad A.K.; Swamy P.K.; Devi Sree P.; Aswini P.; Reddy Madhavi K.	5G and IOT Integration: Assessing the Technological and Security Impacts	2025	Lecture Notes in Networks and Systems	1225	LNNS		387	396	Conference paper
3837	Depuru S.; Yashaswini S.; Madarsa D.P.; Neeradh Kumar Reddy R.; Jaswanth P.C.; Amala K.	Hybrid VGG19-ResNet50 Network for Brain Tumor Classification using Feature Fusion and Imbalance-Aware Learning	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				810	816	Conference paper
3838	Jaya E.; Rao B.R.; Chakradhar K.S.; Muralidhar P.V.; Sridhar S.; Nataraj D.	Artificial Intelligence-Enhanced Adaptive Taylor Series Methods for Robust and Tunable Numerical Integration and Differentiation	2025	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025				2017	2022	Conference paper
3839	Hussain K.; Saradha P.; Govindasamy S.; Neeraja P.; Suresh G.B.; Revathi V.	The Future Role of AI-Powered Healthcare Assistants in Medical Sector Drone Monitoring Systems	2025	Proceedings of the 7th International Conference on Intelligent Sustainable Systems, ICISS 2025				618	623	Conference paper
3840	Vuyyala B.; Dogiparthi L.K.; Bukke S.P.N.; Netti kallu Y.; Eftekhari Z.	Theranostics in Cervical cancer	2025	Theranostics in Cancer Management: Integrating Diagnostics and Therapeutic Strategies				83	109	Book chapter
3841	Nagesh C.; Rao N.S.; Qubeb S.M.P.; Jayudu T.V.N.; Rajani B.; Manikanta K.	Innovative Technique for Classification of Web Service Quality Through Machine Learning	2025	Proceedings of the 9th International Conference on Inventive Systems and Control, ICISC 2025				46	52	Conference paper
3842	Kumar C.S.; Sagar P.L.; Venkata Bhanu Pratap B.; Geethamadhuri G.; Kumar B.S.R.; Dinesh B.; Mukesh P.	Optimizing Battery Performance in Electric Vehicles Through Predictive Modeling	2025	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025				849	853	Conference paper
3843	Farook S.; Yanamala G.; Orugunta J.; Vennapusa N.K.R.; Thangella J.; Mukundam J.	Robust Control of Dynamic Wireless Power Transfer for EVs using Super-Twisting Sliding Mode Control	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
3844	Venkatesh P.; Kumar K.P.; Sagar K.P.; Reddy R.M.; Gnaneswari N.; Thrinath B.V.S.	Predicting the Power System Security Issues using Machine Learning Approaches	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
3845	Rani K.S.; Nandagopal V.	AI-Driven V2G Optimization: A Comparative Analysis of Q-Learning and Evolutionary Strategies	2025	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025				177	184	Conference paper
3846	Kumar M.K.; Reddy R.M.; Abhang L.B.; Muniamuthu S.; Bhavsar H.P.; Tarigonda H.	Modeling Heat Transfer in Multi-Plate Heat Exchangers Using Phase Change Materials	2025	Lecture Notes in Networks and Systems	1269	LNNS		331	340	Conference paper
3847	Poosapadi D.; Papade C.V.; Suthan R.; Parameswari S.; Manohara M.; Manoj Kumar P.	Characterization Studies on a Nano-doped Organic Phase Change Material for Improving Thermal Energy Storage	2025	Malaysian Journal of Chemistry	27		3	472	480	Article
3848	Santhoshkumar A.; Thangarasu V.; Muthusamy P.; Jaisankar S.; Sagaya Raj A.G.; Prabhakar K.M.; Kumar Ramaswamy M.D.	Future Outlook and Opportunities in Sustainable Fuel Cell Technologies: Pathways to a Clean Energy Future	2025	Sustainable Materials for Fuel Cell Technologies				299	310	Book chapter
3849	Vamsi B.; Mahanty M.; Sambana B.	A Hybrid Machine Intelligence Demographic Feature Selection Approach to Improve Recommendation System in Social Domain	2025	Springer Proceedings in Mathematics and Statistics	441			303	313	Conference paper
3850	Bharathi M.; Praveena K.; Dharani M.; Madhurima V.; Mohanarangam K.; Sandhya Kumari G.; Tabassum S.	HR 5.0 Strategic Planning and Evolution of HR Functions in the Business Environment	2025	Human Capital Analytics: Exploring the HR Spectrum in Industry 5.0				101	109	Book chapter
3851	Dhanalakshmi P.; Indhuja N.; Reddy C.S.; Mokshith B.; Kumar G.B.; Reddy C.P.K.	An Adaptive Thyroid Health Monitoring for Women	2025	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025						Conference paper
3852	Ahalya C.; Rani D.L.	A Survey on Diabetic Retinopathy Detection, Classification and Future Trends	2025	2025 2nd International Conference on Circuits, Power, and Intelligent Systems, CCPIS 2025						Conference paper

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3853	Sahith R.; Gaddam S.R.; Reddy P.V.; Ganesh D.; Kosuri G.V.; Thanukula K.L.	Ultrasonic Bioacoustics and Deep Learning for Early Plant Disease Prediction	2025	Proceedings of 3rd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2025				1713	1718	Conference paper
3854	Sunitha G.; Depuru S.; Nithyanand V.K.; Veda Meruga V.; Lokesh V.; Madhumitha S.	Real-Time Stock Trading Simulation using Cloud Computing and Interactive Analytics with AI	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				1019	1026	Conference paper
3855	Kargeti A.; Rasheed T.; Siddiqui S.A.	Modelling of n-type Materials Based on [D-π-A] Structure for the Application in Organic Field Effect Transistors: DFT Study	2025	Lecture Notes in Electrical Engineering	1370	LNEE		63	74	Conference paper
3856	Neelima K.; Rajyalakshmi P.; Hussain A.F.; Suguna T.; Talari V.S.R.; Padma C.	Hardware Efficient Implementation of Image Enhancement Algorithms Using Xilinx System Generator	2025	International Conference on Intelligent Communication Networks and Computational Techniques, ICICNCT 2025						Conference paper
3857	Shifani S.A.; Kumar P.V.; Babu K.; Awwad H.; Prasad N.E.C.; Kishore Kumar A.T.A.	A Development of DNN Beamforming for Satellite-Ground Systems with Graphene's Conductivity and Dispersion Relation	2025	Proceedings of 2025 10th International Conference on Science Technology, Engineering and Mathematics, ICONSTEM 2025						Conference paper
3858	Hemachandrika S.; Pulipati V.N.C.K.; Koneti A.; Irfan S.M.; Kurni M.; Krishnamaneni R.	E-Commerce Data Analysis and Visualization Using Python: A Case Study of Amazon and Flipkart	2025	2025 IEEE International Conference on Advanced Computing Technologies, ICACT 2025				766	771	Conference paper
3859	Rao D.N.; Ghantasala G.S.P.; Kallam S.; Chandini S.; Banu S.B.; Nusari M.S.; Madhavi K.R.	Building Information Modeling (BIM) in Developing Countries: Impact, Challenges, Successes, and Future Directions	2025	Lecture Notes in Networks and Systems	1246	LNNS		344	351	Conference paper
3860	Prathima C.; Shashidhar M.; Pallavi G.; Sohail K.S.; Ehsanulla Basha S.; Priya K.M.	A Machine Learning Approach on Multimedia Data for Predicting Student Anxiety	2025	Proceedings of IEEE International Conference on Signal Processing, Computing and Control				254	259	Conference paper
3861	Nirmale V.K.; Navatha B.; Madhavi K.; Srinivasa Kumar B.; Nandagopal K.; Veerraju N.; Asif Alisha S.	A Mathematical Problem Formulation Based on Number Theory	2025	Communications on Applied Nonlinear Analysis	32		3	592	604	Article
3862	Birla S.; Singh N.; Jeevani G.S.N.; Kumawat R.; Srinivasulu A.	Unified Multimodal 64-Bit Arithmetic Logic Unit for High-Performance Computing Architectures	2025	Journal of VLSI Circuits and Systems	7		2	1	8	Article
3863	Neelambaram B.; Ganesh D.; Vishnu Vandana Devi V.; Dinesh P.; Shobha Rani D.; Sunil Kumar M.	Efficient Detection of Alzheimer's Disease on Early Stages Using Deep Learning on MRI Data	2025	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						Conference paper
3864	Sampathi S.; Kulkarni N.; Bhikshapathi D.V.R.N.; Tawade J.V.; Tarakaramu N.; Rashid R.F.; Kubaev A.	Optimizing ibrutinib bioavailability: Formulation and assessment of hydroxypropyl-β-cyclodextrin-based nanosponge delivery systems	2025	Current Research in Pharmacology and Drug Discovery	8		100213			Article
3865	Maruthi P.B.; Sujith V.; Anitha K.; Prathibha G.	Identification of Cotton Leaf Disease Detection using Deep Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			8540	8547	Conference paper
3866	Begum A.Y.; Sahil S.M.; Raju M.R.K.; Laya M.S.; Kalyan D.; Kamesh V.	Digital Twin-Based Smart Building Management System	2025	2nd International Conference on IT Innovations and Knowledge Discovery, ITIKD 2024						Conference paper
3867	Shobha M.; Kumar N.A.	Breast Cancer Diagnosis using Machine Learning: Challenges and Opportunities	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				1805	1811	Conference paper
3868	Gurrapu O.; Reddy C.K.; Saripalli A.K.; Mannanuddin K.; Swamy G.V.; Naick B.R.; Venkataramanaiah B.; Suman J.V.	Prediction of Psychiatric Disorders Using Deep Learning	2025	Proceedings of the 9th International Conference on Inventive Systems and Control, ICISC 2025				516	519	Conference paper
3869	Kavitha K.; Anitha D.; Reddy Y.S.K.; Geethanjali U.; Kiran A.; Rangu S.	Deep Learning based Integrated CNN and YOLOv5 Framework for Plant Disease Identification and Localization	2025	Proceedings - 3rd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2025				566	572	Conference paper
3870	Arun V.; Dhanapal S.; Ravi V.; Sekar G.; Jayakumar T.; Vijayakumar M.	Double Boost Switched Capacitor Multi-Level Inverter with Modified VFPOD-PWM Control	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025				610	616	Conference paper
3871	Sujatha M.S.; Lahari V.; Basha S.A.; Meghana B.; Reddy G.J.K.; Kumar V.B.	Power Management System for a DC Micro-Grid Based on Fuzzy-FOPID	2025	2nd International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2025						Conference paper
3872	Prabu S.; Sivakumar K.K.; Tiwari A.K.; Selvakanmani S.; Tiwari R.; Lathigara A.	Applying Deep Belief Network for Predicting the Risk of Diabetes Complications	2025	4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2025						Conference paper
3873	Subramanyam C.B.; Subbarao G.; Maanasa K.; Suresh J.; Reddy P.V.; Ganesh D.	Design and Implementation of a Conversational AI Platform for Medical Appointment Management	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				805	809	Conference paper

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3874	Ganesh C.; Deepak Suresh Kumar R.; Bruhathi S.; Mathiyarasu M.; Srikanth S.; Manoj V.	Artificial Intelligence Based Diagnosis of Few Diseases	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
3875	Nalini C.; Chakradhar K.S.	Review on Various Power Efficient Adiabatic Logics for Low-Power VLSI Circuits	2025	Lecture Notes in Electrical Engineering	1430	LNEE		17	31	Conference paper
3876	Nirosha U.; Vennila G.	Federated Learning-Powered Hybrid Model for Crop Prediction: Combining Graph Neural Networks with RNNs	2025	2025 Global Conference in Emerging Technology, GINOTECH 2025						Conference paper
3877	Parimalasundar E.; Kumar B.H.; Veni K.K.; Hemalatha G.S.; Reddy Y.M.; Varma Y.C.	Soft-Switching Three-Level Inverter for High-Efficiency Grid-Tied Photovoltaic Applications	2025	7th International Conference on Energy, Power and Environment, ICEPE 2025						Conference paper
3878	Gowda V.D.; Saranya R.; Ramanan S.V.; Kumar N.M.G.; Jadhav P.S.A.C.H.I.N.	AI- Based Solutions for Future Trends in IoT and Remote Sensing Integration for Precision Agriculture	2025	AI-Driven Smart Industrial Technologies				19	44	Book chapter
3879	Basi Reddy. A.; Varshitha B.; Yadav Y.S.C.K.; Tharun K.S.; Reddy K.R.	AI-Enhanced Personalized Career Pathways Through Generative Adversarial Networks and Bi-GRU Networks	2025	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025				1502	1507	Conference paper
3880	Lin F.; Patel A.; Kesswani N.; Sambana B.	Preface	2025	Springer Proceedings in Mathematics and Statistics	493	PROMS		v	vi	Editorial
3881	Rao P.R.; Depuru S.; Amala K.; Sivanantham S.; Wasimakram S.	Context-Aware Brain Tumour Segmentation Using Swin Transformer and Mutual Attention Fusion: A Deep Learning Approach	2025	2025 2nd International Conference on Computing and Data Science, ICCDS 2025						Conference paper
3882	Mohan B.; Mahalakshmi S.; Suman S.K.; Monikarchana Y.; Santhoshkumar S.P.; Vigneshwaran P.	Machine Learning Enhanced Stress Assessment and Learning Outcome Analysis using Skin Conductance in Virtual Reality Environments	2025	Proceedings of IEEE International Conference on Signal Processing, Computing and Control				770	775	Conference paper
3883	Divyashree D.; Dhanalakshmi P.	Prediction of Customer Interest in E-Commerce Data using Sentimental Analysis	2025	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025				1608	1614	Conference paper
3884	Reddy S.P.K.; Kumar K.S.; Madhu G.C.; Singh P.P.	Deep CNN-Based Multi-Image Steganography: Private Key	2025	Integrating Neurocomputing with Artificial Intelligence				175	203	Book chapter
3885	Reddy P.V.; Ganesh D.; Shaidha S.J.; Imambee S.; Gnanada R.; Hareesh R.	An Enhanced EMV Protocol for Attack-Resistant Mobile Transactions	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025				1873	1878	Conference paper
3886	Dhote V.P.; Parimalasundar E.; Kumar B.H.; Cheepati K.R.; Kumar R.S.; Ritik	Smart Energy Management in EV Charging Stations Using a PV-Based Boost Converter and Multilevel Inverter	2025	2025 IEEE North-East India International Energy Conversion Conference and Exhibition, NE-IECCE 2025						Conference paper
3887	Depuru S.; Chandana O.; Prakash M.S.; Nimsivardhan; Aakash N.S.	Blockchain-Integrated Quantum Metaheuristic Model for Decentralized IoT Security	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025				355	360	Conference paper
3888	Sasi Kiran J.; Samrin R.; Reddy Madhavi K.; Ayyappa Swamy K.; Fatima T.; Unnisa R.	Fashion Vibe: An Intelligent Fashion Recommendation System Utilizing Deep Learning Optimization Concepts	2025	Lecture Notes in Networks and Systems	1240	LNNS		361	369	Conference paper
3889	Manikandan K.; Venkatesh P.; Pratyusha B.N.; Sarada K.; Singh A.R.	Smart Optimization for Environmental and Economic Dispatch with Renewable Energy Integration	2025	SSRG International Journal of Electrical and Electronics Engineering	12		1	9	16	Article
3890	Parihar B.; Chhimwal P.; Tripathi A.; Chinthamu N.; Kumar N.A.	IoT-Based Wireless Sensor Network and Communication Platform for Reliable, Adaptable, and Dependable Testing of Forest Fire Identification and Prevention System	2025	Technological Applications for Smart Sensors: Intelligent Applications for Real-Time Strategies				465	482	Book chapter
3891	Koteswararao B.; Sailaja K.	AtmoNeuro: A Hybrid 3D-Spatio-Temporal Neural Framework for High-Resolution Probabilistic Global Weather Forecasting	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025				1487	1494	Conference paper
3892	Avanija J.; Vijayasimha A.	Cardiovascular Disease Community Aware with Deep Learning Techniques	2025	Proceedings of 2025 10th International Conference on Science Technology, Engineering and Mathematics, ICONSTEM 2025						Conference paper
3893	Nathan S.R.; Rajendran C.; Sonar T.; Ivanov M.; Balasubramanian K.; Ramanathapuram Anandan H.B.; Sankaravadivelu S.; Karu C.V.	Optimization of CNC-FSSW parameters for dissimilar spot welding of AA6061 aluminium alloy and mild steel using Taguchi based desirability function approach	2025	International Journal on Interactive Design and Manufacturing	19		1	337	346	Article
3894	Marisamy K.; Monisha R.; Ashforn Hermina J.M.; Chinnnasamy N.V.; Akshya J.; Sundararajan M.; Choudhry M.D.	Trajectory Optimization for Drones using Gated Graph Memory Networks in Curriculum-based Meta-Learning Frameworks	2025	2025 IEEE 2nd International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2025						Conference paper
3895	Devi K.S.; Contractor D.; Deepa V.; Lakshmi T.K.; Santhikala M.; Mounika K.	Energy Consumption Optimization using Big Data Analytics for Smart Grid Management	2025	ESIC 2025 - 5th International Conference on Emerging Systems and Intelligent Computing, Proceedings				266	271	Conference paper

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3896	Gupta P.K.; Chandana L.S.; Manoj O.P.; Avinash V.R.; Jayavardhan G.	Waste Detection in underwater using deep Vision Transformers	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
3897	Peter G.; Stonier A.A.; Arun V.; Iderus S.	Unipolar Sinusoidal PWM for Quadratic Voltage Gain Space Efficient Inverter	2025	2025 6th International Conference for Emerging Technology, INCET 2025						Conference paper
3898	Murugesan R.; Marimuthu S.; Natarajan M.; Venkataramana S.H.; Anand P.B.; Ammarullah M.I.	Effects of Si, Sn, Sr, Zn, and Zr on microstructure and properties of magnesium alloys for biomedical applications: a review	2025	Philosophical Magazine Letters	105	1	2525095			Article
3899	Ramkumar G.; Shibu S.; Ashwini R.; Patnala P.M.; Venkatanaresh M.; George S.; Hossam Zain W.F.	Ultra high tera bit capacity reach through multicore fibers based on high power efficient transmission spatial division multiplexing technology for advanced optical fiber communication links	2025	Journal of Optical Communications						Article
3900	Dekka S.; Raju K.N.; Sai D.M.; Pallavi M.; Sambana B.	Classification of Parkinson's Disease Using Machine Learning Techniques	2025	Springer Proceedings in Mathematics and Statistics	442			27	38	Conference paper
3901	Krishna N.B.; Kotha V.; Reddy B.S.N.; Laharika D.; Reddy P.N.K.; Jaswanth P.	A Hybrid ASR Model Integrating with T5 for Enhancement of Audio Text	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
3902	Sreelatha R.; Kumar N.P.; Basha S.J.; RajKumar K.; Neelima G.; AshokKumar N.	Crosstalk Analysis of MWCNT based Through Silicon Vias for Quaternary Logic Applications	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				295	299	Conference paper
3903	Venkata Lakshmi Keerthi K.; Venkatagiri J.; Purnima K.; Divya A.; Satyanarayana T.V.V.; Ramaiah R.	Deep Belief Networks for Ovarian Tumour Detection From Gene Data	2025	2025 6th International Conference on Data Intelligence and Cognitive Informatics, ICDICI 2025				764	770	Conference paper
3904	Vennila G.; Reddy Prasanna C.; Reddy A.K.; Sandeep Kumar B.; Yamini D.	Temporal Analysis of Oral Lesions Using RNN for Early Detection of Oral Cancer	2025	2025 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2025						Conference paper
3905	Chinnasamy P.; Nirmala V.; Reddy B.R.S.; Rao R.V.V.N.B.; Udhayakumar A.; Degala D.P.	Early Alzheimer's Disease Stage Identification and Categorization Through Deep Learning	2025	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025				1146	1152	Conference paper
3906	Vengatesh T.; Ahmed Y.J.N.; Ganesan V.; Kirubakaran N.; Babu A.J.; Suraj P.G.; Deepak R.; Sunantha D.	OPTIMIZING ENERGY-EFFICIENT ENCRYPTION IN IOT: EXPLORATION OF STREAM AND LIGHTWEIGHT BLOCK CIPHERS	2025	Journal of Theoretical and Applied Information Technology	103	17		6760	6771	Article
3907	Bohari N.; Arun V.; Stonier A.A.; Peter G.	Hybrid Reference PWM for Asymetric 7 Level Inverter (A7LI) With Reduction in Circuit Element	2025	2025 IEEE 2nd International Conference on Green Industrial Electronics and Sustainable Technologies, GUEST 2025						Conference paper
3908	Satyanarayana T.V.V.; Bhargavi M.M.; Kavarakuntla V.R.P.; Gayaz S.; Reddy S.C.K.	Exploring the Role of Vocal and Temporal Features in Parkinson's Disease Detection with Machine Learning	2025	2025 International Conference on Information, Implementation, and Innovation in Technology, I2ITCON 2025						Conference paper
3909	Gadiyar H.M.T.; Sivakumar K.K.; Patel N.; Shadaksharaiah C.; Lathigara A.; Smitha V.	Implementing Lightweight Post-Quantum Signatures for Enhanced Security in Green IoT	2025	4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2025						Conference paper
3910	Shafiuddin S.; Krishna K.H.	TrustRIDR-Net: A Hybrid Trust-Aware Routing Framework Using RFO and DRL for Scalable IoT Networks	2025	Engineering, Technology and Applied Science Research	15	5		27421	27429	Article
3911	Sindgi A.; Gandhimathi K.; Priyanka P.; Sangeetha S.; Sandhya K.	L-Align: A Confidence-Guided Learning Through Alignment Framework for Cross-Modality Domain Adaptation in Medical Image Segmentation	2025	International Conference on Communication, Computer and Information Technology, IC3IT 2025						Conference paper
3912	Depuru S.; Yerramapula H.R.; Nithya Reddy Chantimireddy S.; Pasupuleti B.; Tummala M.	Vision Transformer for Detecting Encrypted Malicious Payloads in Packet Captures	2025	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025				1351	1356	Conference paper
3913	K K.N.; D H.B.; S H.R.; P V S.N.	Magneto-Stefan blow enhanced heat and mass transfer flow in non-Newtonian ternary hybrid nanofluid across the nonlinear elongated surface	2025	Numerical Heat Transfer, Part B: Fundamentals	86	5		1463	1482	Article
3914	Prabu R.T.; Pandian M.M.; Prabu A.S.; Kumar A.K.; Battula R.S.S.R.; Subha T.D.; Adel M.H.	Fiber optic system dispersion compensation management within optical fiber communication channels through the control of all hybrid optical amplifiers: simulative study	2025	Journal of Optical Communications						Article
3915	Ashokkumar N.; Manikandan A.; Hariprasath S.; Vijayalakshmi P.	Vision-Based Image Classification and Image Segmentation Algorithms for Plant Disease Diagnostics	2025	Computer Vision in Smart Agriculture and Crop Management				93	122	Book chapter

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3916	Reddy A B.; Karthik V.V.V.; Vikranth T.; Suhash S.; Reddy T.G.	DNS Tunneling Detection using Temporal Convolutional Network and Attention Layers	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				353	357	Conference paper
3917	Ganesh D.; Babu J.S.; Mohan C.R.; Vara Prasad K.M.; Sunil Kumar M.; Hemanth Kumar V.	Utilizing BERT and Deep Neural Networks for Analyzing Social Media Feeds to Derive Marketing Insights	2025	Proceedings - 2025 2nd International Conference on Networks and Soft Computing, ICNSoC 2025				645	652	Conference paper
3918	Zhang H.; Song H.H.; Hao Q.; Liu Y.; Ma J.; Balas V.E.; Ma M.; Cheng R.; Yang Q.; Mu C.; Wang Z.; Jiang Z.; Lei T.; Loskot P.; Khan R.; Wang P.; Shu L.; Fang M.; Jiang B.; Liu C.-M.; Hu X.; Chen H.; Chen C.; Li Q.; Li X.; Zhan W.; Chen X.; Zhu H.; Li G.; Zhou D.; Cao S.; Li J.; Hu F.; Huang H.; Zhang J.; Zhang H.; Hu Z.; Ramesh K.; Bansode R.S.; Ramrao N.; Nagaraja G.S.; Kaliappan V.K.; Khattak H.A.; Manishankar S.; Ionel R.C.; Fedoseev V.; Khan A.; Deshmukh N.	Preface	2025	2025 7th International Conference on Artificial Intelligence Technologies and Applications, ICAITA 2025						Editorial
3919	Lavanya M.; Devi B.R.; Gogula S.; Divya K.; Gudavalli M.; Rafee S.M.	Enhancing Image Captioning Through a Hybrid Deep Model: The ResNet-LSTM Approach	2025	Lecture Notes in Networks and Systems	1229 LNNS			275	283	Conference paper
3920	Rajashekar B.; Reddy P.V.; Lokesh K.; Manohara M.; Sravani K.; Rishi T.	Optimizing DFIG Wind Power Performance Using D-STATCOM and E2PLL	2025	2nd International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2025						Conference paper
3921	Jasim L.H.; Manjunatha B.N.; Godavarthi S.; Thamizhkani B.; Sushama C.	Bi-Linear Alternative Least Squares and Maximum Likelihood based MIMO Communication System	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3922	Prathima Ch.; Anitha T.; Reddy P.J.; Susmitha Y.; Reddy P.S.; Charitha N.	Analyzing Handwriting Features for ADHD Detection in Children with Autism via Machine Learning	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies				565	569	Conference paper
3923	Depuru S.; Mahathi T.; Prasad V.V.; Devi Daswanth S.; Rohini T.	Cross-Lingual Hate Speech Detection using XLM-R and Transformer based Classification	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025				1481	1486	Conference paper
3924	Sambana B.; Devi K.G.; Reddy B.R.; Hussain G.M.; Siddartha G.	Hybrid Approach for Electricity Price Forecasting using AlexNet and LSTM	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025				1059	1064	Conference paper
3925	Neeraja P.; Ajith Kumar B.; Harsha Kiran V.; Pushpa G.T.	Predictive Modelling of Chronic Kidney Disease by using CNN and MobileNet	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7841	7847	Conference paper
3926	Krishnasamy S.; Aravind D.; Thirukumaran M.; Siva I.; Kalusuraman G.; Chandrasekar M.; Senthil Muthu Kumar T.	Physical, morphological, chemical, structural, thermal, and tensile properties of banana fibers	2025	Banana Fibres and their Composites: Processing, Design, Properties and Applications				103	128	Book chapter
3927	Ansari S.A.T.	Subliminal Influence of Indian Ethos on Cross-Cultural Business Communication	2025	Business Management and Ethics: Insights from Indian Ethos				211	230	Book chapter
3928	Raj J.A.; Patra R.C.; Krishna M.L.R.; Vaheedha S.; Himabindu K.; Subramanyam V.; Likitha G.R.; Andrew Anbarason J.P.	Impact of Exercise on Cognitive Function and Motor Impairment in Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-analysis	2025	Journal of Applied Bioanalysis	11	2		30	42	Article
3929	Kamalanathan C.; Balamurugan J.; Sharma N.; Reddy A.B.; Selvan R.S.	Development of Lightweight and Cheaper 5G Mobile Communication System to Analyze the Performance of Espresso Ciphers and Grain Family	2025	Communications in Computer and Information Science	2195 CCIS			140	153	Conference paper
3930	Jayaganesh J.; Suresh Kumar K.; Krishna K.H.; Tiwari M.; Vettriselvan R.; Shelke C.	Different Requirements in Quality of Service Using an Adaptive Network Algorithm	2025	Advances in AI for Cloud, Edge, and Mobile Computing Applications				323	343	Book chapter
3931	Babu Gummati H.S.; Chennupati N.; Mekala L.; Nigileeswari B.; Ghanya K.	Dynamic Temporal Knowledge-Aware Transformer for Context-Enriched Video Captioning	2025	International Conference on Communication, Computer and Information Technology, IC3IT 2025						Conference paper
3932	Reddy K.T.K.; Gupta J.K.; Prabitha P.; Mubeen M.; Syed S.H.; Dhunmati K.; Bodapati A.; Taru P.P.; Krosuri P.; Prasad P.D.	A comparative study of neuropharmacological properties of Tabernaemontana divaricata (Apocynaceae) leaves extracts in a Swiss albino mouse model	2025	European Journal of Clinical and Experimental Medicine	23	2		316	323	Article
3933	Gaikwad K.D.; Gangadharan T.; Ram Kumar R.P.; Salami Z.A.; Pavan Kumar Reddy G.; Putta P.	Real-Time Financial Fraud Detection with Autonomous Graph Neural Networks	2025	2025 International Conference on Metaverse and Current Trends in Computing, ICMCTC 2025						Conference paper
3934	Anilkumar M.; Ali Khan P.M.D.; Krishna B.V.; Jayagopinadh A.; Naidu K.L.	A Smart Web Application for Real-Time Beach Suitability and Ocean Condition Monitoring using Machine Learning and Geospatial Visualization	2025	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025				1541	1545	Conference paper
3935	Mahaveerakannan R.; Anitha C.; Balamaniandan R.; Saraswathi S.	Enhanced Public Security: Modified YOLO Network for Unattended Object Detection in Dynamic Environments	2025	2025 Global Conference in Emerging Technology, GINOTECH 2025						Conference paper

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3936	Bhavana N.; Puneeth Theja A.S.S.; Dankan Gowda V.; Rani R.; Srinivas D.; Kumaraswamy I.	MATLAB Simulation of Intelligent Routing in Wireless Sensor Networks using Machine Learning Techniques	2025	Proceedings - 3rd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2025				619	625	Conference paper
3937	Mehta H.; Ramrao N.; Sharan P.; Pandey A.	Intelligent Fiber Optic Perimeter Intrusion Detection System Using Mach-Zehnder Interferometer and Machine Learning	2025	Proceedings of the 2025 12th International Conference on Computing for Sustainable Global Development, INDIACom 2025						Conference paper
3938	Yogi K.S.; Dankan Gowda V.; Roshani P.; Shankar C.; Kumar G.L.N.S.; Murthy C.R.	A Novel Framework for Integrating Machine Learning in CSR to Accelerate Sustainability in the Indian Automobile Sector	2025	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025				836	843	Conference paper
3939	Racharla S.P.; Kumar B.R.; Kumar K.A.; Sateesh N.	Deriving a Multi-objective Function for Node Localization and Optimal Path Selection in WSN Using Improved Circle-Inspired Optimization Algorithm	2025	Lecture Notes in Networks and Systems	1240	LNNS		199	209	Conference paper
3940	Chakradhar K.S.; Likitha G.C.; Kumar G.D.; Rani B.; Babu A.S.	Comparative Analysis of Improved Decision Directed Carrier Phase Estimation Nonlinearity Mitigation of 16-QAM and 32-QAM	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
3941	Ujwala S.V.; Venkatanareesh M.; Kumar V.J.; Alamleh A.; Hatwalne P.A.; Murugan M.S.	An Efficient Clustering Approach Broadcast Scheduling Process in Heterogeneous Vehicular Communication	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
3942	Swetha T.; Sabeena J.; Sailaja G.; Hema K.; Rajani B.; Krishna T.G.	Lung Cancer Risk Prediction: A Machine Learning Approach	2025	2025 IEEE International Conference on Advanced Computing Technologies, ICACT 2025				367	372	Conference paper
3943	Jayakumar D.; Sathiyavani V.; Balamanikandan A.; Sudharsan G.; Prabha A.S.; Karthika V.V.	Federated Machine Learning for Smart Healthcare Sensor Calibration	2025	2025 Global Conference on Information Technology and Communication Networks, GITCON 2025						Conference paper
3944	NagaRaju D.; Subramanian S.; Koganti V.B.; Shekhar S.P.C.; Himabindu K.; Alagesan J.; Indrani D.; Vishnuram S.	Persistent Musculoskeletal, Cardiopulmonary, Neurological, and Psychiatric Symptoms Among COVID-19 Survivors	2025	Iranian Journal of War and Public Health	17	3		319	323	Article
3945	Rajyalakshmi Ch.; Sanjeevaiah K.; Jose B.K.; Venkateswarlu Reddy P.; Anil C.	Hyperspectral Image: A Fusion-Based Extraction and Classification Utilizing Centernet Technique	2025	International Journal of Image and Graphics			2750035			Article
3946	Kumar S.S.; Indumathi K.; Rakshitha R.; Bhatt N.; Anitha C.; Balamuralitharan S.	Optimized Cloud Intrusion Detection Framework Leveraging Multi-Classifer Security Algorithms	2025	2025 IEEE 5th International Conference on ICT in Business Industry and Government, ICTBIG 2025						Conference paper
3947	Deepthi K.J.; Sravanthi G.; Suvarna M.; Reddy K.S.; Yamini L.	Advanced Text-Based Depression Detection Using Machine Learning Techniques	2025	2025 IEEE 2nd International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE 2025 - Proceedings						Conference paper
3948	Mahapatra H.	HRLS: Interpre table Temporal Prediction for Clinical Decision Support	2025	Proceedings of the 2025 International Conference on Artificial Intelligence and Emerging Technology, Global AI Summit 2025				1215	1219	Conference paper
3949	Sunitha G.; Mahapatro P.; Madhavi J.B.; Thanuja M.; Jagadish D.; Depuru S.	Lightweight Vision Transformer for Deepfake Image Detection in Messaging Apps	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				662	667	Conference paper
3950	Mishra S.K.; Nath U.; Banerjee S.; Appasani B.; Acharya O.; Mishra S.K.; Jha A.V.; Srinivasulu A.; Ravariu C.	A Hexa-Band Terahertz Metamaterial Absorber Using a Symmetrical Boss Cross Structure with Biomedical Applications †	2025	Engineering Proceedings	87	1	114			Article
3951	Praveena H.D.; Babu G.V.; Yateesh J.M.S.; Guna D.; Krishna G.V.	Automated Helmet Detection and Fine Issuance System using YOLOv8 & OpenCV	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025				2241	2246	Conference paper
3952	Sreenivas P.; Anand M.S.; Bhosale S.; Satyanarayana T.V.V.; Boopathi S.	Enhancing Automobile Design and Manufacturing Through VR and AR Integration	2025	Virtual and Augmented Reality Applications in the Automobile Industry				231	255	Book chapter
3953	Balamurugan N.; Raghavendra Reddy C.; Parthu V.V.; Chenna Reddy G.; Retna Mony R.; Maruthi Kumar P.	Implementation of Machine Learning-Assisted Group Discussions for Improving Spoken English Proficiency	2025	Lecture Notes in Networks and Systems	1231	LNNS		427	435	Conference paper
3954	Bharathi M.; Madhurima V.; Sandhya Kumari G.; Tabassum S.; Ashok Kumar N.; Neelima K.; Padmaja N.	Quantum Computing—Foundations, Principles, and Modern Applications	2025	Quantum Computing: the Past, the Present, and the Future				268	286	Book chapter
3955	Daram S.B.; Sheshadri S.; Ponduru S.; Nadiminti V.; Lakkamsani P.; Kandala V.	Design and Implementation of an AC Charging Station for Electric Two-Wheelers	2025	INDISCON 2025 - IEEE 6th India Council International Subsections Conference, Proceedings						Conference paper
3956	Neelima K.; Kavya Ch.; Somasundar C.; Harichandana B.; Satyam S.; Geetha P.	A Critical Assessment of Alternative Refrigerants and Waste Heat Recovery for Sustainable Thermal Systems	2025	SAE Technical Papers						Conference paper

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3957	Madhaiyan V.; Hussaini M.M.; Jeyabharath R.; Thivyabrabha K.; Jeniton S.; Arun V.	Double Boost Switched Capacitor Nine Level Inverter with Level Shifted PWM Techniques	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025				617	623	Conference paper
3958	Dhanalakshmi P.; Rizwana S.; Vandana R.S.; Janardhanreddy U.; Sreeja M.	A Deep Learning Model for Brain Tumor Segmentation with Anatomical Localization and Treatment Guidance-SL-UNet Approach	2025	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025						Conference paper
3959	Kumar P.S.; Kumar P.; Manikandan N.; Thejasree P.; Sunheriya N.; Giri J.; Chadge R.; Sathish T.; Kumar A.; Ammarullah M.I.	A sustainable bioengineering approach for enhancing black cotton soil stability using waste foundry sand	2025	International Journal of Low-Carbon Technologies	20			1112	1120	Article
3960	Reddy A.R.; Bhavya K.R.; Srilekha M.; Mulugu N.; Sandhya K.; Rao B.N.K.	Enhancing Event Organization Efficiency Through Intelligent Chatbot: A Study on Automated Assistance and Engagement	2025	Lecture Notes in Networks and Systems	1247	LNNS		426	434	Conference paper
3961	Chaturvedi A.; Dankan Gowda V.; Singh S.; Anil Kumar N.; Ashreetha B.; Reddy A.D.	A Novel Approach to Enhancing IoT and Wireless Sensor Network Performance with 5G Technologies	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025				788	794	Conference paper
3962	Bala Murali Krishna J.; Dhanalakshmi P.	Thyroid Disease Prediction, Classification and Issues of Infertility in Women Using Machine Learning Algorithms	2025	Proceedings - 2025 2nd International Conference on Networks and Soft Computing, ICNSoC 2025				724	729	Conference paper
3963	Krishna K.H.; Lakshmi Prasad M.; Muni Ganesh N.; Mohan Sai P.; Rishik Sai P.; Lokesh P.T.	Virtual Herbal Garden: An Interactive Learning Platform for Ayush Medical Plants	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7874	7881	Conference paper
3964	Reddy B.R.; Anchuri S.; Santhi K.; Perugu P.; Depuru S.; Kumar M.S.	Enhancing Cloudburst Prediction System Using Bi-LSTM in Realtime: Machine Learning	2025	Communications on Applied Nonlinear Analysis	32	1s		221	231	Article
3965	Prabu R.T.; Arumugam P.; Ashreetha B.; Jothilingam S.; Akram P.S.; Soman M.; Ali F.M.	Optical fibers performance parameters management under the control of spectral functional light sources with various wavelength windows and thermal effects	2025	Journal of Optical Communications						Article
3966	Muhsnhasan M.; Priyanka K.; Shahebaaz A.; Devi M.; Sushama C.	Securing Blockchain based Supply Chains in Agriculture using Graph Neural Networks for Anomaly Detection	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
3967	Padmaavathy P.A.; Kavitha P.; Neeraja P.; Lokeswar Reddy D.V.; Venkatachalam S.; Saravanan M.	The Future Role of Environmental Sustainability-Optimization using Artificial Intelligence Electric Vehicles	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				1445	1448	Conference paper
3968	Vigneshwar S.T.; Balaji M.; Prabhu S.	Comparative Analysis of PMSMs and SRMs for Drone Applications	2025	Engineering Proceedings	93	1	14			Article
3969	Bhargavi A.; Sahithya D.; Madhav I.V.; Kumar A.N.; Srinivasulu A.; Sarada M.; Appasani B.; Ravariu C.	Design and Implementation of Reconfigurable Approximate Adder in Real Time for Image Watermarking	2025	Proceedings of the 2025 17th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2025						Conference paper
3970	Sharada Prasad N.; Kuppannan A.; Kishore K.L.; Saranya D.; Tallapragada V.V.S.; Karthikumar K.	Explainable AI for Fault Localization in High-Voltage Electric Marine Propulsion Systems	2025	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRiset 2025						Conference paper
3971	Nuthalapati D.K.; Mundluru D.	Analysis of a Quad-Band Crescent Shaped Microstrip Patch Antenna for 5G Sub- 6 Ghz Applications	2025	Proceedings of the 9th International Conference on Inventive Systems and Control, ICISC 2025				1727	1733	Conference paper
3972	Bhanu Priya Y.; Kishore Kumar A.	Velocity Pausing Particle Swarm Optimization Algorithm based Universal High-Throughput and Low-Complexity LDPC Decoder for Laser Communications	2025	VLSI SATA 2025 - 5th IEEE International Conference on VLSI Systems, Architecture, Technology and Applications						Conference paper
3973	Santosh P.; Ramesh P.; Karedla C.R.; Chakradhar K.S.; Lakshmunaidu M.; Dadi H.S.	A Compact Wide-Band Array Antenna for Ka-Band Applications	2025	Journal of Communications	20	3		349	357	Article
3974	Sivaji U.; Rupa Devi B.; Suresh A.; Reddi Durgasree M.; Reddy Madhavi K.; Avanija J.	A Machine Learning Approach To Predict Autism Spectrum Disorder	2025	Lecture Notes in Networks and Systems	1228	LNNS		441	450	Conference paper
3975	Prasad P.; Gupta P.K.	Automated Object Rescue From Open Borewells using Enhanced RCNN Framework	2025	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025				1811	1816	Conference paper
3976	Maitra S.K.; Raju K.; Swathi G.V.; Thrinath B.S.; Choudhury U.; Budidha N.; Aegeegn D.B.	A theoretical exploration of quantum dots and nanowires as next-generation photovoltaics	2025	Solar Energy Advances	5		100085			Review
3977	Hemakumari K.; Rafee S.M.; Lakshmi C.V.; Dharani M.; Venkatakrishnamoorthy T.; Bindu E.H.	Efficient scalable binary counter using low-complexity sorting networks for VLSI applications	2025	Security Issues in Communication Devices, Networks and Computing Models: Volume 2	2			31	37	Book chapter
3978	Kumar G.H.; Saini D.K.J.; Kalpana V.; Prajwalasimha S.N.; Santhosh Kumar G.; Kumar Y.D.	Secure Edge AI: A Federated Learning Approach to Cache Side-Channel Attack Detection in Vehicular Networks	2025	2025 17th IEEE International Conference on Computational Intelligence and Communication Networks, CICN 2025				1046	1052	Conference paper
3979	Ezhilarasan D.; Bhavani N.P.G.; Guttikonda B.S.; Mohameed H.; Praveena H.D.	Markov Decision Process based Cost-Benefit Analysis of Cybercrime and Cyberdefense systems	2025	3rd International Conference on Data Science and Information System, ICDSIS 2025						Conference paper

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3980	Prathima C.; Babu G.N.; Reddy B.R.; Kumar M.S.; Thousif S.; Vamsi P.	Smart Specs: Real-Time Object Detection through Embedded Vision	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
3981	Bikku T.; Martis J.E.; Kumar S.M.; Sudha S.; Iyappan P.; Natarajan C.	HEALTHCARE BICLUSTERING OF PREDICTIVE GENE EXPRESSION USING LSTM BASED SUPPORT VECTOR MACHINE	2025	Informing Science	28		12	1	14	Article
3982	Sangeetha M.; Harikala T.; Prakash K L.N.C.; Lavanya V.; Balaji P.; Teresa M.	Enhancing Satellite Image Classification Using Vision Transformers and Deep Learning Models	2025	Lecture Notes in Networks and Systems	1356 LNNS			357	371	Conference paper
3983	Sirish Kumar M.; Ramakantha Reddy B.; Anchuri S.; Jaya Prakash P.; Reddy K.V.N.	AI-Driven Crop Disease Prediction and Management System	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7903	7910	Conference paper
3984	Peter G.; Arun V.; Stonier A.A.; Iderus S.	Minimal Component Space-Saving High-Gain Inverter	2025	APCI 2025 - 2025 International Conference on Advancements in Power, Communication and Intelligent Systems						Conference paper
3985	Poongodan R.; Narayan D.L.; Lokeshwarappa D.G.; Praveena H.D.; Kang D.-K.	Switchable Normalization Based Faster RCNN for MRI Brain Tumor Segmentation	2025	Computers, Materials and Continua	84	3		5751	5772	Article
3986	Shilpa T.; Yamsani N.; Marrikukkala R.K.; Kumaraswamy P.; Harshavardhan A.; Sachuthananthan B.	Cardio Inspect Using ECG Images	2025	Lecture Notes in Networks and Systems	1228 LNNS			238	249	Conference paper
3987	Farook S.; Thrinath B.V.S.; Venkatesh G.M.; Naveen G.; Naveen D.; Harshith B.	Implementation of ZETA Converter and SMC Controller for a PV-Powered EV Charging Station	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025				399	405	Conference paper
3988	Chintam N.; Velakacharla H.B.; Veludurthi C.P.; Ulasala K.D.; Singamala V.V.	Real-Time Bandwidth Estimation for Optimal Low-Latency Live Streaming Experience	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
3989	Voleti P.; Vandna; Reddy B.P.; Rani G.J.; Reddy B.R.S.; Jyothi N.	A Hybrid Neuro-Fuzzy Model for Power Quality and Stability Enhancement in EV Charging with Grid-PV Integration	2025	2025 International Conference on Information, Implementation, and Innovation in Technology, I2ITCON 2025						Conference paper
3990	Chitteti C.; Sravika M.; Ayesha S.; Naik D.S.; Kumar V.A.; Kumar M.P.	Real-Time Driver Drowsiness Detection Using Mobile Net for Road Safety Enhancement	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies				692	697	Conference paper
3991	Kumar Kurakula A.; Deepika S.; Pavani N.C.; Sridevi S.; Yagnika S.; Nishitha Y.V.	Advancing Fake News Detection: A Comparative Study of Traditional and BERT-Random Forest Hybrid Model	2025	Proceedings of the 2025 International Conference on Emerging Techniques in Computational Intelligence, ICETCI 2025						Conference paper
3992	Srinivasmurthy C.; Raju P.R.; Venkatakrishnamoorthy T.; Padmaja K.; Devaraju T.; Madhavi K.R.	Detection of Deep Vein Thrombosis Using Machine Learning for CT Images	2025	Lecture Notes in Networks and Systems	1243 LNNS			414	421	Conference paper
3993	Sireesha V.; Tallapragada V.V.S.; Naresh M.; Pradeep Kumar G.V.	EEG-BCI-based motor imagery classification using double attention convolutional network	2025	Computer Methods in Biomechanics and Biomedical Engineering	28	5		581	600	Article
3994	Gurubasavaraju T.M.; Subhani S.M.; Kumar K.H.; Vijay M.	Vertical Dynamic Analysis of Three-Wheeler Passenger Vehicle with an Optimally Tuned SMC Controller	2025	Lecture Notes in Mechanical Engineering				191	198	Conference paper
3995	Neeraja P.; Rohith Y.S.; Vasavi V.R.; Kavyanjali K.	Surveillance System for Real-Time High-Precision Recognition of Criminal Faces from Wild Videos	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7799	7804	Conference paper
3996	Anusha K.; Reddy Madhavi K.	Advancements in Breast Cancer Detection: A Wide-Ranging Analysis of ML and DL Approaches	2025	Lecture Notes in Networks and Systems	1223 LNNS			387	396	Conference paper
3997	Nithisha C.; Kushitha K.; Revanth K.; Reddy S.V.S.N.; Sree A.P.; Teja R.S.	Enhancing Malaria Detection From Blood Smear Images Using Hybrid Deep Learning Models	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
3998	Swamy K.A.; Madhavi G.M.; Madhavi K.R.; Tangudu N.; Krishnaveni C.V.; Chandra S.H.	Solid Waste Classification Using Transformer Model	2025	Lecture Notes in Networks and Systems	1229 LNNS			284	291	Conference paper
3999	Mishra S.; Dasari S.; Shukla K.K.; Nimmala H.; Balakarthikeyan M.; Hari Keerthana N.	Sensitivity analysis of Low-Cost Vibrating Band for Hearing Impaired using IOT	2025	2025 International Conference on Intelligent and Secure Engineering Solutions, CISES 2025				172	177	Conference paper
4000	Chandra Bose N.S.; Kumaraswamy I.; Krishna N.H.; Sankar Reddy T.R.; Sudhakar P.; Krishnan G.H.	Integrating InceptionV4 and Color Histogram for Scalable E-Waste Classification Framework	2025	6th International Conference on Innovative Trends in Information Technology: Secure, Trustworthy and Socially Responsible AI, ICITIIT 2025						Conference paper
4001	Rajeswarappa G.; Venkata Sivaiah B.; Navya M.; Lasya Y.; Sameer S.M.; Varun Kumar V.	AutoMediVision:A Deep Learning System for Accurate Pharmaceutical pill identification	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
4002	Paul A.; Sadiq B.O.; Ramachandra D.; Venkateswarlu M.; Gutam B.G.; Brian M.	Implementing an Advanced Hybrid Models for Network Intrusion Detection Systems Against Insider Threats	2025	2025 International Conference on Computing Technologies and Data Communication, ICCTDC 2025						Conference paper

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4003	Sathwik A.S.; Rao A.K.; Saiteja B.; Madhavi K.R.; Doppalapudi A.; Amudha P.	Navigating Challenges in Creating Effective Chatbots with Natural Language Processing	2025	Lecture Notes in Networks and Systems	1246 LNNS			327	334	Conference paper
4004	Dankan Gowda V.; Sharma A.; Srinivas D.; Prasad K.D.V.; Anil Kumar N.; Ingole B.S.	Real-Time Image Processing in IoT Devices with a Machine Learning Approach for Autonomous Systems	2025	Lecture Notes in Networks and Systems	1379 LNNS			461	471	Conference paper
4005	Sateesh G.; Sana S.; Vara Prasad S.V.R.; Sambana B.	Facial Emotion Recognition Using Artificial Intelligence	2025	Springer Proceedings in Mathematics and Statistics	441			285	301	Conference paper
4006	Mishra R.; Kumar N.M.G.; Singla A.; Gullapally R.	Assessing the Effects of 5G on Electronics Engineering	2025	Recent Trends in Engineering and Science for Resource Optimization and Sustainable Development				92	95	Book chapter
4007	Chakravarthy L.B.; Yerrakula G.; Rao G.N.; Reddy N.K.; Priyanka K.; Naidu K.Y.; Mounika K.; Prasad P.D.; Kumar B.J.; Chandra K.R.	A retrospective study on the prescription pattern of commonly prescribed drugs in the Department of Surgical Oncology in a Tertiary Care Teaching Hospital	2025	Journal of Oncology Pharmacy Practice			1078155225 1376521			Article
4008	Divya N.; Rao B.N.K.	Enhanced Brain Tumor Classification through an AI-Integrated Multi-Modal Imaging Approach	2025	Proceedings of the 3rd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, IITCEE 2025						Conference paper
4009	Muralidhar P.V.; Rao B.R.; Rao A.S.S.; Nataraj D.; Chakradhar K.S.; Rao M.S.	Fractional Spectral Adaptive Filtering for Robust Compressive Sensing: Rational Discrete Fractional Transform-LMS Recovery and Air-Comp Application	2025	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025				1986	1991	Conference paper
4010	Kumar S.T.G.; Beeram E.; Begum S.; Chatterjee P.; Samajdar D.	Refinement Of Spme-Gc/Ms For The Detection Of Volatile Organic Compounds In Medical Science And Pharmacy	2025	Journal of Applied Bioanalysis	11	1		36	45	Article
4011	Prathima C.; Mahanandi Y.; Bhargavi M.M.; Teja G.S.; Gowripriya M.; Sai M.L.	Real-Time Identification of Medicinal Plants Using Deep Learning Techniques	2025	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings				1061	1067	Conference paper
4012	Prabu R.T.; Vignesh G.D.; Singh N.P.; Patnala P.M.; Kumar A.K.; Meenakshisundaram N.; Shafek S.A.	Bit error rate improvement with ultra-wide high-speed wavelength division multiplexing through FSO communication channel based hybrid amplification techniques: Simulative study	2025	Journal of Optical Communications						Article
4013	Godwinraj D.; Godfrey D.; Sundararaman P.; Nandagopal V.	Impact on Breakdown Voltage for AlGaIn Channel E-HEMT Device used with the DC Boost Converter Circuit	2025	International Journal of Electrical and Electronics Research	13	1		50	54	Article
4014	Jaswanth Kumar K.; Sai Sahithi K.; Abdul Wahab S.; Krishna M.V.; Sunitha G.; Balaji V.	Potato Plant Disease Detection Using YOLOv5	2025	Lecture Notes in Networks and Systems	1240 LNNS			79	87	Conference paper
4015	Kodeeswari K.; Ramesh M.; Goyal B.; Geetha R.; Praveena H.D.; Cibichandru M.	Refining Skin Cancer Classification using Model Augmentation in Inception V4	2025	Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025				884	890	Conference paper
4016	Zahiruddin S.; Subbarayudu P.; Srinivasulu A.; Ravariu C.; Bhargav A.; Musala S.	Design of Current Mode Active Filters Using CCCII for Biomedical Applications	2025	Proceedings of the 2025 17th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2025						Conference paper
4017	Thrinath B.V.S.; Farook S.; Naik S.S.; Pavan Chand J.V.; Venkatesh M.; Reddy N.S.	Design And Implementation Of A Fuzzy Logic Based AC Line Feeder For UAV Power Systems	2025	2025 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2025						Conference paper
4018	Kumarachari R.K.; Bukke S.P.N.; Kammara L.; Aruga C.; Himasaila M.; Kamati M.	Anti-Aging Pharmacology: Advances and Prospects	2025	Drug Discovery and Antiaging Approaches for Human Longevity				131	164	Book chapter
4019	Shiny P.; Mary Swetha P.; Eliyas S.Md.; Subramanyam M.V.; Nagamani V.; AshokKumar N.	Ternary Adder and Multiplier Circuit Designs with GNRFET and RRAM Technologies	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				468	475	Conference paper
4020	Ramesh M.; Anbukaruppusamy S.; Mutha R.; Dineshkumar P.; Praveena H.D.; Anandaram H.	Performance Improvement of Lung Cancer Multiclass Classification on Transformer Convolution Neural Networks using Histopathological Images	2025	2025 6th International Conference for Emerging Technology, INCET 2025						Conference paper
4021	Poosapadi D.; Venkatesulu M.; Rani L.D.; Chada L.; Aancy H.M.; Anusuya M.	Study on the Different Characteristics of Nano-MgO/Water Nanofluid for Heat Transfer Applications	2025	Malaysian Journal of Chemistry	27	3		613	623	Article
4022	Sarkar S.; Muthuselvan R.; Ashokkumar N.; Vishwakarma R.K.	Facial thermograms – application of facial recognition in the medical sector	2025	International Journal of Biometrics	17	5		511	526	Article
4023	Krishna K.H.; Suchitha B.; Pravallika B.; Deepika E.; Jaahnavi G.	Empowering Communication: A Web Application for Deaf, Mute and Sign Language Interpretation	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7893	7902	Conference paper
4024	Mandipudi R.; Reddy A.B.; Sumalatha K.; Tangudu N.; Gudavalli M.; Kumar K.M.	BEiT-Based Deep Model for Agricultural Pest Detection	2025	Lecture Notes in Networks and Systems	1229 LNNS			266	274	Conference paper
4025	Dhanalakshmi P.; Reddy A.T.; Lokanandam D.; Saikumar D.; Shah B.K.	Heart Disease Prediction Using Machine Learning	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper

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4026	Thrinath B.V.S.; Manohara M.; Begum S.J.; Naveen G.; Sree P.J.; Kumar T.V.	A Integrated PV Multiport Converter for Sustainable EV Charging Infrastructure	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4027	Iram F.; Gopukumar S.T.; Kayalvizhi K.R.; Ranjitha B.; Mubarak S.; Jegajothi B.	Early Diagnosis of Rare Genetic Disorders Using AI-Powered Genomic Sequencing	2025	2025 Global Conference on Information Technology and Communication Networks, GITCON 2025						Conference paper
4028	Kodeeswari K.; Sakthi M.; Rajesh R.; Mutha R.; Anandaram H.; Praveena H.D.	Lightweight Reinforcement Model for IoT Channel Access and Interference Control	2025	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025				65	69	Conference paper
4029	Sunitha G.; Vaishnavi M.S.; Joshitha V.; Rajesh M.; Phani V.A.; Amala K.	Longitudinal Evaluation of Student Writing Improvement Using Human-in-the-Loop Open-SLLMs for Automated Scoring and Revision	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025				547	553	Conference paper
4030	Poola K.; Pavankumari V.; Anil Kumar J.; Vani A.; Asif A.S.; Srinivasulu A.	Parameter Estimation in Multiple Linear Regression: A Neutrosophic Perspective with the Simple Averaging Method (SAM)	2025	International Journal of Neutrosophic Science	26	2		215	228	Article
4031	Manohara M.; Padmaja S.N.; Supriya K.; Himabindu D.; Rani D.L.; Thrinath B.V.S.	Enhanced Mems-Driven Adaptive Braking And Speed Control System For Electric Vehicles	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4032	Prasad T.V.S.G.; Charan B.V.; Afreen A.S.; Goud B.B.; Sumanth Ch.	EEG Based Emotion Detection Using Machine Learning Models	2025	2025 Global Conference in Emerging Technology, GINOTECH 2025						Conference paper
4033	Kudumula H.V.; Kapu G.K.R.; Kakaravada M.; Kothapalle D.V.; Papisetty S.P.; Musala S.; Srinivasulu A.; Ravariu C.; Appasani B.	Design and Implementation of Energy-Efficient Approximate Adder Supporting Image Processing Applications	2025	Proceedings of the 2025 17th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2025						Conference paper
4034	Niranjana S.; Varalakshmi K.; Bhuvaneswari J.; Sailaja K.; Dinesh M.; Anguraj K.	Experimental Demonstration of Retinal Image Analysis and Disease Detection using Deep Learning based Detection and Classification	2025	2025 6th International Conference for Emerging Technology, INCET 2025						Conference paper
4035	Birudaraju H.; Mandala V.; Surabhi S.N.R.D.; Mate N.R.; Basi Reddy A.; Selvan R.S.	Enhancing Predictive Maintenance of Power Transformers Using Machine Learning	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
4036	Suganeswaran K.; Nithyavathy N.; Gobinath V.K.; Parameshwaran R.; Mohanraj T.; Ragu Nathan S.	Microstructural and mechanical characterization of AA7075 surface composites reinforced with reduced graphene oxide via multipass friction stir processing	2025	Composite Interfaces						Article
4037	Ravariu C.; Rotaru G.; Srinivasulu A.; Bhargav A.; Musala S.	Implanted MOSFETs: From Usual to Hidden Aspects, and Limitations	2025	Proceedings of the International Semiconductor Conference, CAS				329	332	Conference paper
4038	Neelima K.; Nagendra R.; Harikrishnan S.; Vali S.S.; Divya N.; Surendra R.	2x2 MIMO Rectangular Patch Antenna Array for 5G Applications Operating at 28/38GHz	2025	2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems, IACIS 2025						Conference paper
4039	Babu S.D.; Saritha D.; Sreenivasulu M.; Babu C.R.; Babu J.S.; Kumar M.S.	Identification of Different Medicinal Plants through Image Processing Using CNN-GMM	2025	6th IEEE International Conference on Recent Advances in Information Technology, RAIT 2025						Conference paper
4040	Reddy Madhavi K.; Gajula L.S.V.; Maddela H.S.T.; Erigisetty S.B.; Akkali S.K.	Facial Image-Based Down Syndrome Detection in Children Using Novel Transfer Learning Deep Features	2025	Proceedings - 2025 2nd International Conference on Networks and Soft Computing, ICNSoC 2025				467	472	Conference paper
4041	Arunraja A.; Suresh K.; Parimalasundar E.; Perumal B.	HEES-Based IFVR for Energy-Saving Application Using DC–DC Converter	2025	IEEE Canadian Journal of Electrical and Computer Engineering	48	4		325	332	Article
4042	Malchi S.K.; Davanam G.; Lakshmi Sravanthi T.; Neelima P.	Application of Novel Deep Learning Techniques for Brain Stroke Prediction	2025	Lecture Notes in Electrical Engineering	1274	LNEE		1059	1064	Conference paper
4043	Prathima C.; Vamshi R.; Kartheek J.; Kavya P.; Naveed S.; Lahari T.	A Novel Approach to Security-Driven Web Application Protection through Attack Surface Management	2025	Proceedings of IEEE International Conference on Signal Processing, Computing and Control				285	290	Conference paper
4044	Durai U.; Duraiswamy P.; Angappan P.; Natarajan M.	Experimental analysis on incoloy 800H superalloy using cryo treated textured inserts with vegetable oil enriched by ZnO nanoparticles	2025	Revista Materia	30		e20250281			Article
4045	Kumar R.S.; Sushma M.; Bhasam P.; Kumar B.H.; Ravuri V.; Reddy G.K.	Predicting and Classifying Energy Usage Patterns Using Advanced Machine Learning Models	2025	2025 IEEE 14th International Conference on Communication Systems and Network Technologies, CSNT 2025				296	301	Conference paper
4046	Bhatt V.; Sakhuja P.; Panicker K.; Jha A.; Hanchate A.; Rajani A.	Optimized CNN Architecture for Superior Detection of Diabetic Retinopathy	2025	Proceedings of 2025 10th International Conference on Science Technology, Engineering and Mathematics, ICONSTEM 2025						Conference paper
4047	Prathibha I.; Rani D.L.	Novel Spatio-Temporal Hybrid Model for Rainfall Prediction in Andhra Pradesh Using USGS Satellite Data	2025	Intelligent and Sustainable Power and Energy Systems				294	302	Book chapter
4048	Harish Babu D.; Kumaraswamy Naidu K.; Satya Narayana P.V.; Chalapathi T.	The radiative composite (NiCr + TC4/H2O) mixture nanofluid flow over a non-linear spinning stretching sheet with the impact of variable Lorenz force and slip condition	2025	Numerical Heat Transfer; Part A: Applications	86	5		1186	1200	Article

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4049	Suma K.G.; Sunitha G.; Sreeram G.; Meghana K.; Deeraj D.; Supriya K.; Srinivasulu A.	AlexNet-Based Deep Learning Model for Fruit Image Classification	2025	Lecture Notes in Networks and Systems	1356 LNNS			51	59	Conference paper
4050	Geetha P.; Keshava B.; Palli J.V.R.A.; Anagani V.L.; Bachala R.T.; Jothi Prasanth R.S.	Self Powering in Automotive using Freestanding Triboelectric Nanogenerator	2025	Proceedings of 2025 IEEE International Conference on Contemporary Computing and Communications, InC4 2025						Conference paper
4051	Prabhu S.; Mohan K.J.; Mahadevan B.; Nayeem M.; Dinesh T.; Arun V.	Integrated Electromagnetic, Thermal, and Vibration Analysis for High-Performance Synchronous Reluctance Motor Design in Electric Vehicle Applications	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025						Conference paper
4052	Alamin A.; Rahaman M.; Gazi K.H.; Alam S.; Mondal S.P.	Solution and Analysis of Coupled Homogeneous Linear Intuitionistic Fuzzy Difference Equation	2025	Transactions on Fuzzy Sets and Systems	4	2		99	115	Article
4053	Naick B.M.; Leela Rani D.; Kishore V.V.	The use of Bendlets, Fuzzy and Modified Spatial Frequency for Image Fusion	2025	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025				1636	1641	Conference paper
4054	Joshi A.; Parasar A.; Gajbhare B.P.; Prabhakar M.B.; Retna Mony R.; Jayanth H.	Towards a Student Dropout Prediction in Higher Education Institutions using a Fuzzy RBF Approach	2025	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025				1495	1500	Conference paper
4055	Dankan Gowda V.; Sharma A.; Ingole B.S.; Prasad K.D.V.; Ashreetha B.; Manoj kumar S.B.	Machine Learning-Driven Image Recognition Systems for IoT-Connected Smart Healthcare Devices	2025	Lecture Notes in Networks and Systems	1379 LNNS			485	495	Conference paper
4056	Lakshmi H.N.; Sumalatha K.; Kundu A.; Lavanya V.; Kavitha R.; Athinarayanan S.	Enhancing Power System Reliability: A Neural Network Approach for Electrical Fault Detection and Classification	2025	Lecture Notes in Networks and Systems	1356 LNNS			343	356	Conference paper
4057	Malchi S.K.; Davanam G.; Neelima P.; Sravanthi T.L.	A Systematic Review of Machine Learning Based Models for Early Diabetes Prediction	2025	Lecture Notes in Electrical Engineering	1274 LNEE			1065	1070	Conference paper
4058	Dachepalli V.; Sreelatha G.; Sahukaru J.; Kumar V.N.; Avanija J.; Chitteti C.	Self-supervised Histopathology Image Segmentation Using Transformer Networks with Attention Mechanism	2025	Lecture Notes in Networks and Systems	1356 LNNS			417	425	Conference paper
4059	Rafi N.; Ansari A.Z.; Sambasiva Rao M.; Monikarchana Y.; Shujat F.	A Structural Exploration of Demi-Complementation on ADLs	2025	Contemporary Mathematics (Singapore)	6	5		6541	6552	Article
4060	Bhavani G.; Anu D.; Mansour I.M.A.; Bagde S.; Sivakumar J.; Venkatanaresh M.	An Extensive Approach to Detect Apple Fruit Diseases using Neural Convolutional Learning with Classification Principles	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
4061	Ravichand M.; Ganesh D.; Bhavana D.; Pragnavi C.; Lokeshwari B.; Vasavi B.	Hybrid Deep Learning Approach with Bi-LSTM and Bi-GRU for Effective Stock Price Prediction	2025	2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2025						Conference paper
4062	Dharani N.P.; Uha V.; Sravya B.; Chandan B.; Divakar S.	AI-Driven Stress Detection: A Machine Learning Approach Using Physiological Signals	2025	2025 6th International Conference for Emerging Technology, INCET 2025						Conference paper
4063	Ravindra G.; Khan P.S.; Prakash S.S.; Reddy K.H.V.P.; Hameed S.A.; Raj T.S.	Analysis of Different Power Quality Techniques for BLDC fed PMSG	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4064	Balamanikandan A.; Jayakumar D.; Dhanalakshmi M.; Sudharsan G.; Prabha A.S.; Venkata Karthika V.	Advanced Machine Learning Techniques Revolutionize Credit Card Fraud Detection	2025	3rd International Conference on Networks and Advances in Computational Technologies, NetACT 2025						Conference paper
4065	Mishra N.; Ram R.; Sivaramkumar P.; Gyanaranjanpatra G.; Das A.; Sahoo D.K.	AlgoAR: Interactive Algorithm Visualization in Augmented Reality	2025	2nd International Conference on Cognitive, Green and Ubiquitous Computing, IC-CGU 2025						Conference paper
4066	Kumar C.S.; Pavani K.M.; Upesh J.S.; Lokeshwar J.; Deekshitha K.	Predicting product demand using time series analysis: The impact of temporal spatial factors	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
4067	Manikandan N.; Thejasree P.	Advanced manufacturing systems and Industry 4.0	2025	Industry 4.0 for Manufacturing Systems: Concepts, Technologies, and Applications				42	53	Book chapter
4068	Vallimayil M.; Divya N.; Kamatchi Kannan V.; Thrinath B.V.S.; Rekha P.; Ponmurugan P.	Four Port Isolated PV based EV Charger Supports AC and DC Charging	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025				55	58	Conference paper
4069	Sundaramoorthy P.; Reddy G.V.; Kumar A.P.; Kumar I.K.; Tej B.V.; Vijayakumar A.	Review on Enhancing Electric Vehicle Performance and Sustainability through Advanced Motor Technology and Thermal Management	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025						Conference paper
4070	Ashokkumar N.; Neelamegam D.; Kavitha A.; Bharathi M.	The Impact of Formal Training Workshops on Reducing Anxiety in Teachers	2025	Journal of Engineering Education Transformations	38	3		188	198	Article
4071	Chiranjeevi K.; Kumar D.H.; Yatish R.G.; Talkeri A.; Mulangi R.; Ravi Shankar A.U.	Utilization of Ferrochrome and Recycled Concrete Aggregates for Sustainable Pavement Base Layers—A Laboratory Study	2025	Lecture Notes in Civil Engineering	673 LNCE			221	231	Conference paper
4072	Narasimharao J.; Megana Santhoshi P.; Swathi P.; Davanam G.; Tangudu N.; Dileep Kumar Reddy P.	Hybrid Deep Learning Algorithm to Predict Leaf Diseases for Botanical Sentinals	2025	Lecture Notes in Networks and Systems	1229 LNNS			415	423	Conference paper

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4073	Rao B.R.; Chakradhar K.S.; Ganesh D.; Nataraj D.; Rohini C.	Impact of Air Quality and Its Effects on Lungs Health: A novel Hybrid Approach for Quality Assessment	2025	2025 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2025						Conference paper
4074	Yogendra Prasad P.; Ramu M.; Sonta M.; Thunga R.S.; Shaik M.S.; Shaik M.	Ensemble Medical Text Summarization Using PEGASUS And BART	2025	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025						Conference paper
4075	Sundaramoorthy P.; Gari S.S.F.; Nayeem M.; Nandu P.; Mohan K.J.; Arun V.	Advanced Navigation and Payload Systems for Underground Drone Operations	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECs 2025						Conference paper
4076	Kumar P.K.; Dharshini J.P.; Samala S.; Arasavalli N.; Ramanjaneyulu N.; Dharani N.P.; Babu K.R.	Quantum confinement and bound state energy analysis in ultra-thin double gate MOSFETs using NEGF approach	2025	Proceedings of the Indian National Science Academy						Article
4077	Srinivas Y.; Dandu V.S.R.K.R.; Sarihaddu C.K.R.; Chippada N.; Ganesh D.; Reddy P.V.	Solar Quest: Machine Learning for Optimal Sunlight Capture and Energy Output	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				1526	1530	Conference paper
4078	Musnmusawi M.; Deepa R.; Shankar S.S.; Nirupashri G.; Khanam P.K.	Real-Time Blood Pressure Monitoring and Hypertension Prediction based on Multitask Temporal Convolutional Network	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
4079	Chitteti C.; Madhavi K.R.; Sai C.V.N.; Babu M.A.; Neelesh S.; Keerthana K.L.	Integrative Machine Learning Framework for Flood and Landslide Prediction	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
4080	Tandon R.; Gupta P.K.	PALCT: vehicle-to-vehicle communication based on pseudonym assignment and encryption scheme using delay minimisation cover tree algorithm	2025	International Journal of Vehicle Information and Communication Systems	10	2		132	147	Article
4081	Vijaya Kumar M.; Prasad Raju H.	Heavy Metals in the Environment: Sources, Fate, and Health Implications	2025	Springer Water	Part F551			135	153	Book chapter
4082	Thrinath B.V.S.; Guru S.S.; Basha S.U.; Ashok Y.; Naik S.S.; Venkatesh M.	Advanced Model Predictive Control for Electric Vehicle Synchronous Reluctance Motor Drive	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025				13	18	Conference paper
4083	Tabassum S.; Bharathi M.; Peramasani N.; Nagadivya N.; Busetty B.; Syed A.S.	Enhancing IoT-Enabled Electric Vehicle Battery Performance Monitoring and Prediction using AI Techniques	2025	Proceedings of the 3rd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, IITCEE 2025						Conference paper
4084	Deepika M.; Purushotham N.; Sarada C.; Kumar M.S.; Digumarthi J.; Rao G.S.	Enhancing Self-attention Training in Transformers for Image Captioning Using ViT and BERT	2025	Lecture Notes in Networks and Systems	1229 LNNS			445	453	Conference paper
4085	Yalavarthi S.; Inaganti R.; Ayyappa Swamy K.; Saradhi K.; Tangudu N.; Nagaraju O.	Multi-class Cancer Subtype Classification from CT Images Using an EfficientNet–Autoencoder-Based Hybrid Model	2025	Lecture Notes in Networks and Systems	1356 LNNS			485	493	Conference paper
4086	Anitha C.; Naveena kumar R.R.; Deokar S.U.; Shah H.; Nandankar P.V.; Natrayan L.	Optimal Scheduling of Microgrid with Electric Vehicle Integration in Smart Grid using Progressive Graph Convolutional Network	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				375	380	Conference paper
4087	Joseph S.E.; Alagesan J.; Suganthirababu P.; Thomas A.	The role of exercise in alleviating stress and anxiety in high-risk pregnancy with hypertension: A case report	2025	Psychiatra Danubina	37	3		397	402	Letter
4088	Jagtap S.; Kummari D.N.; Lakshmi V.; Sudha B.; Sushama C.	Comprehensive Study of Sentiment Analysis Using Machine Learning and Deep Learning	2025	International Conference on Communication, Computer and Information Technology, IC3IT 2025						Conference paper
4089	Usha R.; Bala Krishna N.; Mounika M.; Sowmya P.; Vineetha S.; Teja P.V.S.S.	Early Detection of Student Depression Using Deep Learning Algorithms	2025	Proceedings - 2025 2nd International Conference on Networks and Soft Computing, ICNSoC 2025				778	783	Conference paper
4090	Kamatchi Kannan V.; Ponmurugan P.; Srimathi R.; Vijayakumar G.; Parimalasundar E.; Suresh K.	Quasi Z-Source Inverter with Simple Boost and Maximum Boost Pulse Width Modulation Techniques for PV Grid Connection	2025	Lecture Notes in Electrical Engineering	1302			247	257	Conference paper
4091	Petla R.; Krupakaran R.L.; Nimmala H.; Mohana Sundaram K.D.; Elangovan K.; Kannapan S.	Aero Dispense: Contactless QR Medicine Delivery	2025	2025 International Conference on Intelligent and Secure Engineering Solutions, CISES 2025				1479	1484	Conference paper
4092	Pandey N.; Sundar S.S.; Goswami B.; Krishna S.H.; Sharma D.; Tandon S.	Customer Satisfaction and Service Quality with Effective Practices of Human Resource Management	2025	Recent Trends in Engineering and Science for Resource Optimization and Sustainable Development				338	342	Book chapter
4093	Kumar A.T.A.K.; Suguna M.; Sravani K.; Vanaja M.; Nagendra M.; Subramani D.S.B.	Predicting Cardiovascular Risk Through Retinal Imaging	2025	Proceedings of the 2025 3rd International Conference on Inventive Computing and Informatics, ICICI 2025				50	56	Conference paper

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4094	Vijayakumar M.; Ramasamy M.; Arun V.; Agathiyan K.; Sudharsan R.; Vijay M.	PV Supported Inductive Hybrid UPQC for Power Quality Enhancement in Sensitive Power Supply Networks	2025	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025				462	468	Conference paper
4095	Ganesan V.; Santhanakrishnan G.; Sangeethapriya R.; Rajani B.; Paramasivam S.; Ulaganathan G.	Revolutionizing Medical Decision-Making: Predictive Technologies using AI and the Internet of Medical Things	2025	Proceedings of the 4th International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2025				596	602	Conference paper
4096	Kumar C.S.; Kumar N.S.; Prasanthi M.; Reddy R.S.H.; Vardhan N.V.	Improving Intrusion Detection System Performance: Addressing Data Labeling and Imbalance Issues	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
4097	Joshitta S.M.; Prasad P.V.; Jain S.; Rajawat P.S.; Kadiri P.; Thakur R.	Deep Learning–Driven Remote Sensing Models for Predictive Analysis of Eutrophication and Algal Bloom Dynamics in Freshwater Ecosystems	2025	Natural and Engineering Sciences	10	3		844	854	Article
4098	Perli B.R.; Addepalli T.; Srinubabu M.; Medasani S.; Nimmagadda P.; Raju C.; Sharma M.; Zakaria Z.; Al-Gburi A.J.A.	Compact Quad-Port MIMO Antenna Employing Defected Substrate and Ground Plane for Sub-6 GHz 5G Communication	2025	IEEE Access	13			195749	195762	Article
4099	Chikkudu S.; Divya K.; Babu A.J.; Painam R.K.; Madhavi K.R.; Mahalakshmi V.	A Dynamic Effective Class Balanced Approach for Semantic Segmentation of Imbalanced Medical Image Data	2025	Lecture Notes in Networks and Systems	1228	LNNS		423	432	Conference paper
4100	Bhat C.R.; Gurrapu O.; Putta P.; Urantayeva N.; Akhmedov S.; Patel U.B.	Improving Mobile Computing Performance with AI-Powered Dynamic Task Scheduling Algorithms	2025	2025 International Conference on Networks and Cryptology, NETCRYPT 2025				207	211	Conference paper
4101	Menaka S.; Kumar B.S.; Naidu P.M.; Selvan R.S.; Basi Reddy A.	Data Sharing Scheme in 6G VANET Along with Private Set Intersection for Privacy Protection	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
4102	Madhusudhana Rao C.; Rayanki P.K.N.; Meenon P.R.; Kumar S.J.; Nimmakayala G.K.	Federated Blockchain-IoT Framework for Transparent and Intelligent Carbon-Credit Management in the Automotive Sector	2025	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025				1479	1485	Conference paper
4103	Nagarathna P.; Muhamedale H.; Jagadeesan S.; Chekuri N.; Ashwini D.Y.	Low-Light Image Enhancement with Optimized Gamma Correction using Guided Filter	2025	4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2025						Conference paper
4104	Sujith A.V.L.N.; Sree Divya K.; Amagoth B.; Mourya S.; Mamatha T.; Rama Subba Reddy B.	MOFA+-GAT: A Novel Deep Learning Framework for Multi-Omics Integration and Drug Metabolite Pathway Prediction	2025	Journal of Applied Bioanalysis	11	3		728	742	Article
4105	Popescu M.; Ravariu C.; Srinivasulu A.	Fuzzy Control of Skeletal Muscles	2025	Proceedings of the 2025 17th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2025						Conference paper
4106	Mahesh B.; Sindhuri D.S.; Swetha C.; Kumar B.; Addanki S.	Design and Analysis of Annular Ring Microstrip Patch Antenna for Satellite Communication	2025	2025 Global Conference in Emerging Technology, GINOTECH 2025						Conference paper
4107	Navaz K.; Yazhinian S.; Pillai N.M.; Purushotham N.	A Comparative Evaluation of Machine Learning Methods for Predicting Chronic Kidney Disease	2025	Communications in Computer and Information Science	2203	CCIS		116	125	Conference paper
4108	Baskar R.; Shanmugapriya S.; Kalaivani A.; Kadiri P.; Tankala M.R.; Sowganthika E.	Intelligence Kalman Filter Optimization for Delay-Tolerant Networks in Space and Remote Sensing Applications	2025	2025 International Conference on Emerging Technologies in Engineering Applications, ICETEA 2025 - Proceedings						Conference paper
4109	Sambana B.; Archana K.; Reddy S.I.S.; Basha S.M.J.; Karishma S.	Data Augmentation for Cognitive Behavioral Therapy: Leveraging ERNIE Language Models using Artificial Intelligence	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025				204	209	Conference paper
4110	Sai Bandhavi M.S.; Gireesha Y.; Sree A.N.; Bhavya Sree Y.; Gutam B.G.	Simplifying Techniques For Speech Therapy With Cutting-Edge Application	2025	2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2025						Conference paper
4111	Sreenivasulu G.; Lakshmi H.N.; Kumari M.T.; Anjaiah P.; Suresh A.; Avanija J.	Efficient and Accurate Traffic Sign Detection Leveraging YOLOv8: A Cutting-Edge Deep Learning Framework	2025	Journal of Machine and Computing	5	1		1	14	Article
4112	Prabu R.T.; Vignesh G.D.; Pandian M.M.; Dhandapani A.; Kumar A.K.; Sukumar B.; Ali Y.K.	High speed optical modulation fiber systems for ultra high spectral efficiency improvement through the digital shift keying techniques employment	2025	Journal of Optical Communications						Article
4113	Rao B.N.K.; Challa N.P.; Chakravarthi S.S.; Vellingiri J.; Ranjana R.; Rao B.B.K.	Gesture Assist: A Companion for Elderly with Gesture and Emotion Recognition	2025	Lecture Notes in Networks and Systems	1388	LNNS		241	253	Conference paper
4114	Geetha P.	Development of Temperature Sensor for Automotive	2025	SAE Technical Papers						Conference paper
4115	Basi Reddy. A.; Jahnavi J.; Tejaswi J.B.; Asif K.M.; Vishal J.	Graph Neural Network-Enhanced Traffic Flow Prediction using Dynamic Road Network Graphs	2025	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025				476	481	Conference paper

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4116	Dcruz H.J.; Kumar N.M.G.; Garse K.M.; Malini T.; Senthilkumar K.K.; Kumar Dubey P.	Optimization and Analysis of Electric Vehicle Charging Systems using PMLP-PSVM-MLR Approach	2025	2025 International Conference on Intelligent Computing and Knowledge Extraction, ICICKE 2025						Conference paper
4117	Padmanabhan S.; Sivagaminathan M.; Ashok S.K.; Myilsamy S.; Jaichandar S.; Varunraj S.; Bhuvanesh N.	Material–Process Interaction in AWJM of AA6082-T6: A Materials Chemistry Approach to Material Removal and Surface Integrity	2025	Malaysian Journal of Chemistry	27	3		557	570	Article
4118	Gokul R.; Kishore Kumar K.S.; Murali Krishnan R.; Shanmugasundaram R.; Ganesh C.; Tamilselvi P.	Design and Analysis of DC-DC Flyback Converter for EV Applications	2025	Proceedings of the 2025 1st International Conference on Advances in Engineering and Computing Technologies for Sustainable Development, AECTSD 2025						Conference paper
4119	Krishna K.J.; Srinu N.; Selvalakshmi S.; Sujatha K.; Naresh G.; Dhanalakshmi G.	An Innovative Dynamic Error-Compensation Design for Fixed-Width Square Utilizing Improved Booth-Folding Protocol	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
4120	Kotha M.; Gopi A.; Balobaid A.; Mubeen S.; Mahalakshmi V.; Reddy Madhavi K.; Sanjana M.	Conversion of Prompt to Image Generation Using AI Generator	2025	Lecture Notes in Networks and Systems	1241			229	243	Conference paper
4121	Naseeba B.; Sivaji U.; Purushotham N.; Umamaheswari R.; Challa N.P.; Madhavi K.R.	InsightBot: An Automated Text Summarization and Visualization Tool for Efficient Research Analysis	2025	Lecture Notes in Networks and Systems	1246 LNNS			399	407	Conference paper
4122	Chinnakadoori S.R.; Reddy S.M.; Bodapati A.; Madhuri Kallam S.D.; Dharmamoorthy G.; Gupta J.K.; Asha P.S.; Venkata Arjun U.V.N.; Alja'afreh A.A.; Dayyih W.A.; Awad R.	Biological Exploration of ((Substituted-Phenyl-1H-Pyrazol-4-yl) Methylene) Aniline Derivatives as Potential DPP-IV Inhibitors: ADMET Screening, Molecular Docking, and Dynamics Simulations	2025	Chemical Methodologies	9	1	CHEMM-2410-1834	52	80	Article
4123	Baseer K.K.; Siva Siddartha Reddy B.; Vishnuvardhan D.; Chandravathi K.; Abhishek L.; Karthikaa M.	Analysis on Stock Market Stream Data Using Kafka, AWS and PowerBI	2025	Communications in Computer and Information Science	1952 CCIS			338	353	Conference paper
4124	Reddy T.R.S.; Kumaraswamy I.	Design and Optimization of a Hybrid Solar-Wind Energy System for Electric Vehicle Charging with BLDC Motor Integration	2025	2025 International Conference on Smart and Sustainable Technology, INCSST 2025						Conference paper
4125	Kumar A.G.; Raj L.M.; Ramasamy S.; Viswanathan R.; Thangavel B.	Influence of metakaolin and residual cement sludge from ready-mix concrete on strength and durability properties of concrete microstructure	2025	Revista Materia	30		e20250177			Article
4126	Munde Y.; Shinde A.; Anerao P.; Siva I.; Bhosale A.	Statistical Analysis of the Mechanical Properties of FDM 3D-Printed PLA-Based Composites	2025	Signals and Communication Technology	Part F76			97	107	Book chapter
4127	Sai Thrinath B.V.; Sai Guru S.; Basha S.U.; Ashok Y.; Naik S.S.; Venkatesh M.	Adaptive Control Approaches For Enhancing The Performance Of Solar-Powered Uav's	2025	2025 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2025						Conference paper
4128	Rishitha G.; Chowdam V.S.; Gunnamreddy H.R.; Boddu A.; Halaharvi M.	Plant Leaf Disease Detection by Using MobileNet and Inception	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
4129	Prabu R.T.; Vignesh G.D.; Vijay S.; Veeraragavan V.; Arulraj M.; Kumar A.K.; Ramadan H.M.	Gain flatness level with gain profile ripple and fiber system bandwidth performance optimization with multi pump all optical fiber distributed Raman amplifiers	2025	Journal of Optical Communications						Article
4130	Gupta P.K.; Sushma C.; Gowthami A.; Teja A.S.; Reddy B.C.	Chatbot for Remote Health Monitoring and Diagnosis Using Lime	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4131	Lanka V.K.; Bapuji V.	Machine Learning-Driven Gastric Health Diagnostics for Enhanced Accuracy and Efficiency	2025	2025 1st International Conference on Intelligent Computing and Communication Systems, CICCIS 2025						Conference paper
4132	Krishna N.B.; Lokesh K.; Sekhar C.S.; Kiran C.R.; Somasekhar A.V.; Royal G.M.	A Hybrid Approach for Predicting Depression Using Deep Learning	2025	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025						Conference paper
4133	Kadiri P.; Manne N.; Katyayani V.; Prasad A.M.; Kumar Y.R.; Kumar B.S.	Enhancing Precision Agriculture: Deep Learning for Rice Leaf Disease Identification	2025	Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025				1053	1059	Conference paper
4134	Kavitha K.; Sivapuram S.; Tirumalasetty S.V.; Kummari V.; Varada S.N.; Ravuri V.	Stock Prices Using Arima and Sarima with Macroeconomic Indicators Predicting	2025	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025				1314	1319	Conference paper
4135	Bhavani M.M.; Balamurugan P.; Sankaran V.N.; Majumder S.; Rakshitha L.P.; Nandagopal K.	Spectrum Sensing Methodology Using Artificial Intelligence for Cognitive Radio Network	2025	1st International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies, CE2CT 2025				910	914	Conference paper
4136	Dubey R.; Rao C.S.; Tarigonda H.; Venkatesh B.; Sharma S.; Singh R.K.; Kumar R.; Naik R.J.	Performance and emission profiles of CI engine with aluminium oxide-reinforced polymer composite in biodiesel blends	2025	Journal of Physics: Conference Series	3045	1	012012			Conference paper

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4137	Sabareesh M.; Rajangam J.; Prakash Raj K.; P. Yanadaiah J.	Formulation and evaluation of novel vesicular nanoethosomal patches for transdermal delivery of zidovudine: In vitro, ex vivo, and in vivo pharmacokinetic investigations	2025	Journal of Dispersion Science and Technology						Article
4138	Kumar R.S.; Kumar B.H.; Sushma M.; Bhasam P.; Parimalasundar E.; Obulapathi B.	Machine Learning-Based Prediction of Distributed Solar Adoption	2025	2025 IEEE North-East India International Energy Conversion Conference and Exhibition, NE-IECCE 2025						Conference paper
4139	Rao B.R.; Nataraj D.; Ganesh D.; Kiran K.H.; Chakradhar K.S.	Applications of Novel Deep Learning Algorithms for Analysing of Cryptocurrency	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4140	Vasavi G.; Sandeep Kumar Reddy V.; Basi Reddy A.; Avanija J.; Reddy Madhavi K.; Tangudu N.	Deep Transformer-Based Model for Sepsis Prediction with Multimodal Health Data	2025	Lecture Notes in Networks and Systems	1228 LNNS			304	310	Conference paper
4141	Thrinath B.V.S.; Bhavani G.I.K.D.; Reddy M.R.; Nayak B.M.; Venkatesh M.; Basha S.U.	Comparative Analysis of PI and ANN-MPC for SynRM Control in Electric Vehicles	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4142	Shetty S.P.; Shetty M.; Kishore V.; Shetty P.	Retraction note: Trickle timer modification for RPL in Internet of things (Soft Computing, (2024), 28, 3, (2621-2635), 10.1007/s00500-023-09564-0)	2025	Soft Computing						Erratum
4143	Singh M.; Tyagi V.; Gupta P.K.; Flusser J.; Ören T.; Cherif A.R.; Tomar R.	Preface	2025	Communications in Computer and Information Science	2194 CCIS			v	vi	Editorial
4144	Sujatha M.S.; Shashank P.; Ahammed P.S.; Teja R.D.; Bannuru S.	Big Data Management in Smart Grid – Analysis, Vulnerabilities and Security	2025	Lecture Notes in Networks and Systems	1227 LNNS			403	411	Conference paper
4145	Reddy Madhavi K.; Ramrao N.; Kumar K.; Srujan Raju K.; Sellathurai M.	Preface	2025	Lecture Notes in Networks and Systems	1356 LNNS			xi	xiii	Editorial
4146	Depuru S.; Lohitha K.; Sree Y.B.; Karunya K.	Real-Time Phishing Domain Generation Detection using BERT and Lexical Analysis	2025	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025				1425	1430	Conference paper
4147	Madhu G.C.; Sivakumar S.; Raju S.S.H.; Sonia M.; Chakradhar K.; Gupta S.	Improving SCADA Cyber security: A Deep Learning Technique for Anomaly Detection	2025	2025 IEEE International Conference on Emerging Technologies and Applications, MPSec ICETA 2025						Conference paper
4148	Kaleru S.P.; Ashok kumar N.; Bharathi M.; Sandhyakumari G.; Neelima K.; Nagarajan P.; Basha S.J.	Analysis of Post-Quantum Cryptography Algorithms	2025	Quantum Computing: the Past, the Present, and the Future				396	430	Book chapter
4149	Vijayakumar M.; Arun V.; Krishnaraj V.; Nallakumar R.; Karthikeyan G.; Glory Santha Vinothini A.	Variable Frequency Carrier Based Modulation scheme for Switched Capacitor Based Voltage Gain 9-Level Inverter	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4150	Shashidhar Yadav J.; Mutyala S.; Saiprasad D.; Devananda H.M.; Jagadeesha G.T.	Unveiling Dynamics of Structural Breaks in Global Stock Markets and Implications for Forecasting Accuracy	2025	Communications in Computer and Information Science	2368 CCIS			339	348	Conference paper
4151	Raju K.V.; Jayasri P.; Painam R.K.; Madhavi K.R.; HemaChandra S.; Kaleru S.	Clustered Wireless Sensor Networks with Blockchain-Enabled Multi-hop Data Transmission	2025	Lecture Notes in Networks and Systems	1230 LNNS			336	342	Conference paper
4152	Patel A.K.; Saradhi K.; Chetan G.; Chowdary G.A.; Naseeba B.; Challa N.P.	Next-Gen Quantum Computing—The Fusion of Atoms and Photonic Innovation	2025	Quantum Computing: the Past, the Present, and the Future				330	351	Book chapter
4153	Suman M.N.; Kavitha B.C.; Dankan Gowda V.; Nethravathi H.M.; Kumaraswamy I.; Naveen K.B.	Design and Implement a Low Power Wireless Sensor Node Using CMOS Technology	2025	Proceedings of the 2025 3rd International Conference on Inventive Computing and Informatics, ICICI 2025				1508	1514	Conference paper
4154	Vennila G.; Deepthi S.; Santhoshi P.S.; Prathima P.; Bhargav M.	Student Anxiety Prediction Using Active and Deep Learning Techniques	2025	2025 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2025						Conference paper
4155	Thrinath B.V.S.; Ananthulu G.; Naik I.J.T.R.; Babu D.N.; Jwalitha C.S.; Vani A.	SyRM Performance Analysis for Sustainable EV Transportation	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4156	Farook S.; Reddy B.M.P.; Arjun B.; Thrisha D.K.; Kumar K.J.; Vishnu G.M.	Enhanced Wireless Power Transfer For Evs Genetic Algorithm-Optimized Phase Shift Modulation	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4157	Harini G.M.; Akkapanthula S.H.; Kagita S.	Tunable Dual Band Gysel Power Divider Using Graphene Pads	2025	IEEE Antennas and Propagation Society, AP-S International Symposium (Digest)				476	479	Conference paper
4158	Gangopadhyay A.; Sadiq Ali S.D.; Divyamshini R.; Ramya Lakshmi P.; Tharun S.	A Novel Approach to Glaucoma Identification Using Deep Convolutional Neural Network	2025	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						Conference paper
4159	Rajeswari K.; Rahul V.; Thrinath B.V.S.; Geetha K.; Vishnu N.; Ghorpade A.J.	A Fully Integrated 90nm CMOS Temperature Sensor for Robust Industrial Applications	2025	2025 12th International Conference on Reliability, Infocom Technologies and Optimization ,Trends and Future Directions, ICRITO 2025						Conference paper
4160	Sunitha G.; Guddanti D.S.H.; Dikshitha G.; Pavan G.H.; Reddy G.V.; Balaji V.	Handwriting Recognition Using AlexNet-Bi-LSTM Model with SGDM	2025	Lecture Notes in Networks and Systems	1240 LNNS			89	97	Conference paper

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4161	Goud N.S.; Bansal A.; Elavarasi S.A.; Shankar Kumar M.; Sandhya K.	Dynamic Temporal Fusion Transformer for 3D Multi-View Human Pose Estimation	2025	International Conference on Communication, Computer and Information Technology, IC3IT 2025						Conference paper
4162	Addepalli T.; Shamsheer Daula S.M.; Medasani S.; Chakradhar K.S.; Kiran Kumar B.; Prasanth Kumar J.; Siridhara A.L.; Kumar Naik K.	Parameters Optimization of Compact UWB-MIMO Antenna with WLAN Band Rejection for Short Distance Wireless Communication	2025	IETE Journal of Research	71	7		2413	2429	Article
4163	Ashraf M.W.A.; Singh A.R.; Rathore R.S.; Jiang W.; Janagaraj A.; Selvaraj B.	Enhancing Indoor IoT Edge Intelligence With Deep Reinforcement Learning in Hybrid WiFi/LiFi Networks	2025	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	18			23344	23355	Article
4164	Sambana B.; Mahalakshmi S.S.D.K.; Gudla S.P.K.; Prasad K.V.; Nanaji U.; Ramesh Y.; Ganesh B.; Trinadha V.	Emotion Artificial Intelligence: A Cognitive Behavioral Sentiment Analysis System for Mental Health Support	2025	2025 IEEE International Conference on Advanced Computing Technologies, ICACT 2025				760	765	Conference paper
4165	Sivaramakrishna M.; Chakradhar K.S.	Low-Power Ternary Adder Design using GNRFETs	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025				355	360	Conference paper
4166	Rahaman M.; Haque R.; Salahshour S.; Sobczak A.; Azizzadeh F.; Alam S.; Mondal S.P.	Solution of an uncertain EPQ model using the neutrosophic differential equation approach	2025	Operations Research and Decisions	35	2		56	92	Article
4167	Padarth P.K.; V K.; Challa R.R.; Vallamkonda B.; Grandhe N.; Dogiparthi L.K.; Kaliyaperumal R.	Non-Ionic Surfactant Vesicles (Niosomes): Structure, Functions, Classification and its Advances in Enhanced Drug Delivery	2025	Recent Advances in Drug Delivery and Formulation	19	2		87	104	Review
4168	Pavanchand J.V.; Naga Praveena E.; Vijay G.; Kumar Babu K.; Sai Thrinath B.V.	Solar Based Surveillance Robot	2025	Proceedings - 2025 2nd International Conference on Networks and Soft Computing, ICNSoC 2025				672	677	Conference paper
4169	Kumar N.P.; Usha R.; Balakrishna P.; Selvan R.S.; Basi Reddy A.	A Machine-Learning (ML)-Based Conventional Charge Management System Guiding Electric Cars (Evs) To Charging Stations	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
4170	Krishna N.V.; Gupta P.K.	IoT-Driven Cardiovascular Monitoring and Prevention using Gradient Boosting: A Novel Framework for Proactive Heart Health	2025	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025				553	558	Conference paper
4171	Madhu Mohan V.; Ibrahim Khalivulla S.; Reddeppa N.; Uma Ravi Sankar A.; Murakami K.	Investigation on synthesis and characterization of ZnO nanostructure photoelectrode for dye-sensitized solar cells	2025	Journal of Materials Science: Materials in Electronics	36	3	178			Article
4172	Shilpa C.V.; Ashokkumar N.; Srinivas C.; Reddy G.K.C.; Gowd C.R.; Rao Y.M.	Energy-Efficient Routing Optimization for IoT-Based Multilevel Heterogeneous Wireless Sensor Networks using Firefly Algorithm and Hybrid Clustering	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				692	699	Conference paper
4173	Devika M.; Niveathasaro V.; Shankar C.G.; Sivakumar J.; Venkatapathi K.; Palanisamy P.	AI-Driven Platform for Real-Time Assessment and Tracking of Wound Recovery Dynamics	2025	2025 5th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2025						Conference paper
4174	Bali K.Y.; Kumar N.A.	Compact and High-Speed Truncated Multiplier Design Using Multiplexer-Based Compressor Techniques	2025	Proceedings of the 9th International Conference on Inventive Systems and Control, ICISC 2025				1792	1797	Conference paper
4175	Praveena K.; Bharath Y.; Tharun V.; Reddy V.A.K.; Reddy M.M.	Lung-RetinaNet Lung Cancer Detection Using A RetinaNet With Multi-Scale Feature Fusion and Context Module	2025	2025 3rd International Conference on Communication, Security, and Artificial Intelligence, ICCSAI 2025				1078	1082	Conference paper
4176	Yohoshiva B.; Challa N.P.; Rao N.K.; Naseeba B.; Deepthi Ch V.S.	Metaverse for Indian palm leaf manuscripts	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				371	390	Book chapter
4177	Singh A.R.; Ashraf M.W.A.; Ganesh D.; Rathore R.S.; Hewage C.T.E.R.; Bashir A.K.	Quantum-Inspired Metaheuristic Algorithms for Trust-Based Privacy Agreements and Secure Access in the Internet of Vehicles	2025	IEEE Transactions on Intelligent Transportation Systems						Article
4178	Babu E.R.; Kumar M.S.	Multi-objective hybrid stochastic scheme for big data optimization problem using osprey optimization algorithm and differential evolution	2025	International Journal of Information Technology (Singapore)						Article
4179	Padmapriya K.; Kavitha K.; Selvan R.S.; Reddy.a B.; Mane M.B.	Integration of Intelligent Fuzzy Controller and Sensor Module for Environmental Management in Solar Greenhouses	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
4180	Kalpana V.; Venkatramana P.	Metaphorical Augmentation for Pulmonary Disorders Using CNN and MobileNetV2	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025				1219	1223	Conference paper
4181	Chitteti C.; Dharani M.; Ganesh M.S.V.; Navyasree P.; Reddy V.S.; Bharath C.	Next-Gen Stroke Detection: Neuroimage Analysis with Machine Learning	2025	2025 International Conference on Data Science and Business Systems, ICDSBS 2025						Conference paper
4182	Venkatramana P.; Reddy O.N.K.; Balaji T.; Krishna N.V.; Kumar P.J.; Prakash R.S.	Integrated Diffusion Filtering and Edge-Aware Sharpening for Medical Image Enhancement	2025	Proceedings of 2025 IEEE International Conference on Contemporary Computing and Communications, InC4 2025						Conference paper

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4183	Kishore V.; Kalpana V.; Nalini C.; Gopi K.	Augmented Fusion Method for the Diagnosis of ILD and the Promotion of Better Clinical Results	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025				1563	1568	Conference paper
4184	Sujatha M.S.; Meghana B.; Lahari V.; Reddy G.J.K.; Basha S.A.; Kumar V.B.	Power Management System for a DC Micro-Grid with Solar PV System and Battery Storage	2025	7th International Conference on Energy, Power and Environment, ICEPE 2025						Conference paper
4185	Sinthia P.; Nagarajan P.; Kumar N.A.; Thandapani K.; Arthi G.; Malathi M.	An IoT Based Mini Healthcare Kit for Smart Personal Health Monitoring	2025	Lecture Notes in Networks and Systems	1379 LNNS			367	376	Conference paper
4186	Penujuri R.; Praveena K.; Shaik M.B.; Korrapati V.S.C.; Aka D.	Design and validation of Mixed Logic 2-to-4 Decoders Using 32nm FinFET Technology	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				259	263	Conference paper
4187	Chinnasamy P.; Khan P.F.; Sasikala C.; Swathi M.; Kumar M.P.; Yadav A.K.	Industrial IoT Smart Manufacturing Systems based on Cloud Computing Energy Efficiency Analysis using Machine Learning Algorithms	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				634	638	Conference paper
4188	Kavitha K.; Sangeethapriya R.; Malathi V.; Mysami T.; Hazra R.; Mohankumar R.	The Intersection of AI and IoT for Clinical Digitalization in Healthcare Domain	2025	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025				238	243	Conference paper
4189	Praveen Kumar D.; Deepthi H.; Aryasree B.; Devika D.; Kumar B.Y.; Venkatesh G.	Performance-Optimized EV Fast Charger using Bridgeless Switched-Inductor Cuk Converter and STSMC	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				447	451	Conference paper
4190	Sujatha B G.; Alluraiah N.C.; Mishra S.; Harinathreddy K.; Pujari H.K.; Nandagopal V.	Innovative Thermoelectric Generator for Sustainable Energy Harvesting	2025	Proceedings of the 9th International Conference on Inventive Systems and Control, ICISC 2025				1831	1836	Conference paper
4191	Pranitha K.; Geethanjali N.; Sreedevi E.; Babu A.J.; Vurukonda N.; Rajakumari K.	Metaheuristics and Hybrid Evolutionary Methods for Feature Selection	2025	Lecture Notes in Networks and Systems	1230 LNNS			432	442	Conference paper
4192	Nagendra R.; Neelima K.; Reddy N.S.; Murthy R.R.; Nalini C.; Shaik J.A.	Hardware Approach for Morphological Image Processing Using Xilinx System Generator	2025	3rd IEEE International Conference on Data Science and Network Security, ICDSNS 2025						Conference paper
4193	Dharani M.; Bindu P.H.; Krishna V.M.; Adarsh P.; Aparna P.; Chengamma C.	Enhancing Women's Security with Real-Time Monitoring	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				345	350	Conference paper
4194	Bhuvaneswari C.; Sree K.N.; Khresat O.; Priyanka P.; Babu M.A.; Kumar A.T.A.K.	A Design of Enhanced Dyna-Q Algorithm with Emotional Learning and Thread Mapping in Brain-Inspired Robot Navigation System	2025	Proceedings of 2025 10th International Conference on Science Technology, Engineering and Mathematics, ICONSTEM 2025						Conference paper
4195	Saradhi K.; Davanam G.; Malchi S.K.	A Novel and Efficient Machine Learning Technique for Cleaning Q-Messy Data	2025	Lecture Notes in Electrical Engineering	1274 LNEE			1038	1043	Conference paper
4196	Nagaraju A.; Krishna K.H.; Pal S.; Chamoli S.; Bhange A.	Optimizing Moving Object Tracking in Sensor Networks: A Novel Approach with SLAM and GES Sensor-Based Filter	2025	Technological Applications for Smart Sensors: Intelligent Applications for Real-Time Strategies				387	407	Book chapter
4197	Arunvivek G.K.; Pradeepkumar C.; Vensheebadelin P.; Jebajeslin A.	Influence of Cenosphere on Mechanical Properties and Rheological Behavior of Portland Cement	2025	Procedia Structural Integrity	70			540	547	Conference paper
4198	Arulkumar K.; Ajay Sankar Yadav S.; Chikkam S.; Ssruste B.W.; Arun V.	GSM Based Intelligent Underground Cable Fault Detection	2025	5th IEEE International Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2025						Conference paper
4199	Reddy Polukallu S.P.; Kishore Kumar A.	Logic Network Circuits for Neural network Realization in Machine Learning Application using Graphene Nano Ribbon Field Effect Transistors	2025	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025				212	218	Conference paper
4200	Farook S.; Vijayakumar Y.N.; Sridhar S.; Thrinath B.V.S.; Manohara M.; Venkatesh M.	A Synchronized Unified Power Quality Conditioner For Hybrid Energy Storage Power Management	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4201	Aslam; Murthy M.S.; Reddy P.M.	Establishing pest status of leaf eating caterpillar, Condica capensis (Guenée) (Lepidoptera: Noctuidae) on safflower alongwith its natural enemies, biology and management in Karnataka	2025	Journal of Entomological Research	49			1313	1319	Article
4202	Pokkuluri K.S.; Kolikipogu R.; Chakradhar K.S.; Rama Devi P.; Mamta	Construction and Simulation of Hybrid Neural Network and LSTM to Language Process Model	2025	Integrating Neurocomputing with Artificial Intelligence				15	32	Book chapter
4203	Ramana P.V.; Reddy G.J.; Krishna V.S.; Reddy Y.Y.; Reddy V.V.	A Hybrid Signal Denoising Approach using Wavelet Decomposition and Neural Network-based Thresholding	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				1400	1404	Conference paper
4204	Basi Reddy A.; Reddyroshan A.; Amulya A.; Karthikeya C.; Girish A.	Scalable and Real-Time Temporal Anomaly Detection in Enterprise Log Data: A Hierarchical Transformer-based Framework	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025				401	405	Conference paper
4205	Begh M.Z.A.; Khan J.; Al Amin M.; Sweilam S.H.; Dharmamoorthy G.; Gupta J.K.; Sangeetha J.; Lokeshvar R.; Nafady M.H.; Ahmad I.; Alshehri M.A.; Emran T.B.	Monoterpenoid synergy: a new frontier in biological applications	2025	Naunyn-Schmiedeberg's Archives of Pharmacology	398	1		103	124	Review

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4206	Padmanabhan S.; Vinod Kumar T.; Mahalingam S.; Ganesan S.; Jaichandar S.	Biodegradable Nanomaterials for a Sustainable Future: Environmental Benefits and Risks - A Review	2025	Journal of Environmental Nanotechnology	14	3		273	286	Article
4207	Nagendra Reddy B.; Jansi S.; Gaddam S.R.; Kumar V.D.; Reddy P.V.; Ganesh D.	Beach Recreation App for India: A Machine Learning-based Suitability and Safety Analysis	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIIC 2025				1461	1465	Conference paper
4208	Dharani Kumar M.; Chinnasamy N.V.	Adaptive Feature Fusion with Semi-Supervised Gan for Enhanced Hyperspectral Image Classification	2025	2025 1st International Conference on Intelligent Computing and Communication Systems, CICCIS 2025						Conference paper
4209	Kumar D.P.; Mounika K.; Sathvika M.S.; Reddy M.J.V.; Harshith R.; Ahammed S.S.	Structured Buck-Boost Approach for Multi-Phase Power Conversion	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				527	531	Conference paper
4210	Mallikarjunaiah S.; Rao E.A.; Girinath S.; Savithri H.; Kandi V.S.P.; Chakravarthi M.K.	Explainable AI-Powered Fraud Detection Device for Secure Financial Transactions	2025	Proceedings ICECONF 2025 - 2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering						Conference paper
4211	Ravariu C.; Adiaconita B.; Chiriac E.; Musala S.; Srinivasulu A.; Bhargav A.	Development of Biomimetic Ferroelectric Field Effect Transistor by Simulations	2025	2025 IEEE International Symposium on Applications of Ferroelectrics, ISAF 2025 - Proceedings						Conference paper
4212	Naresh G.; Sreenath A.; Nikitha B.; Vikram G.; Srichakra D.	Impedance Matching for Planar Quasi- Yagi Antenna with Zero-Index Metamaterial	2025	2025 Global Conference in Emerging Technology, GINOTECH 2025						Conference paper
4213	Patwekar M.; Patwekar F.; Badarinath A.V.; Billah A.A.M.; Gorijavolu V.; Krishnan K.; Shanmugasundaram P.; Prasad P.D.; Kazi A.A.	Genomic Sequencing: Techniques, Advancements, and the Path Ahead	2025	Journal of Bio-X Research	8		0046			Review
4214	Buragadda V.; Orekanti E.R.; Seemala L.R.; Giddaluru G.; Karempudi A.; Madarapu V.S.S.S.	Impact of Reinforcement Size on Supporting Soil Bulge During Anchor Uplift	2025	Lecture Notes in Civil Engineering	702 LNCE			303	310	Conference paper
4215	Althaph B.; Challa N.P.; Rao N.K.; Prasanna K.S.L.; Jajam N.; Deepthi Ch V.S.; Naseeba B.	Metaverse for heart illness prediction and analysis	2025	Engineering the Metaverse: Enabling technologies, platforms and use cases				357	370	Book chapter
4216	Ponnuviji N.P.; Sumaiya Begum A.; Gnanasekaran T.; Rajendiran M.; Shenbaga Ezhil S.	Leveraging Random Forest for Intelligent IoT Systems in Industrial Environments	2025	Communications in Computer and Information Science	1971 CCIS			46	57	Conference paper
4217	Naveen K.; Peramalasetty R.; Joshna M.; Navaz K.; Jayasree L.; Madhavi K.R.	Navigating the E-Learning Landscape: A Systematic Evaluation of Website Performance Using the Weighted Sum Method	2025	Lecture Notes in Networks and Systems	1246 LNNS			419	428	Conference paper
4218	Praveen Kumar B.V.; Nageswara Rao A.; Tummala N.D.; Bikku T.; Reddy Madhavi K.	Application of Deep Learning in the Development of a Drug Discovery System	2025	Lecture Notes in Networks and Systems	1245 LNNS			464	472	Conference paper
4219	Sivakumar C.; Lakshmi Sagar P.; Swetha K.; Raju K.A.; Naveen Kumar G.; Nanditha M.N.	Detecting Malicious URLs using Machine Learning	2025	Proceedings - 2025 5th International Conference on Expert Clouds and Applications, ICOECA 2025				605	612	Conference paper
4220	Balamanikandan A.; Natuva T.; Shaik M.V.; Thippirisetti M.K.; Atte V.K.; Sukanya M.	Latency and Throughput Benchmarking of IoT Protocols on ESP32 Microcontrollers	2025	2025 IEEE 6th Global Conference for Advancement in Technology, GCAT 2025						Conference paper
4221	Shareef D.K.; Jyothsna V.	Enhancing energy efficiency and reliability in wireless sensor networks using BioGAT optimization	2025	Indonesian Journal of Electrical Engineering and Computer Science	37	1		601	612	Article
4222	Kumar M.K.; Kudari R.; Sushama C.; Sunil Kumar M.; Neelima P.; Ganesh D.	Efficient Algorithms for Vehicle Plate Detection in Dynamic Environments	2025	Communications on Applied Nonlinear Analysis	32	15		273	289	Article
4223	Prathima Ch.; Naresh K.; Chava A.; Makkala K.V.; Pasupula S.G.; Polavarapu V.	A Real Time Approach to Recognize Facial Expression Based on Scoring System for Restaurants	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies				576	581	Conference paper
4224	Neelima K.; Sivaramakrishnan R.; Ali S.J.; Kiran Kumar R.; Divya N.; Surendra R.	Parallel Processed Bit Sliced Matrix Codes	2025	2025 IEEE Madhya Pradesh Section Conference, MPICON 2025				418	423	Conference paper
4225	Bikku T.; Narimalla N.R.; Konda K.; Nakkala A.; Yarlagadda A.; Sachuthananthan B.	Generating Accurate and Engaging Research Paper Titles Using NLP Techniques	2025	Lecture Notes in Networks and Systems	1232 LNNS			428	437	Conference paper
4226	Tamilselvan K.; Kumar N.A.; Kumar K.B.J.; Kumar G.V.; Askar S.; Giri P.	Efficient Node Deployment and Optimization for Cognitive Radio Based Vehicular Communication	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
4227	Reddy D.V.S.; Golla M.; Thangavel S.	A New Soft-Switching High Gain DC-DC Converter With Reduced Components Realized By Active Clamp and Coupled Inductors	2025	IEEE Transactions on Consumer Electronics	71	2		2749	2761	Article
4228	Dankan Gowda V.; Ribhu Abhusan P.; Nuthan Prasad V.; Prasad K.D.V.; Vishnu Prasanth P.	Secure Routes and Cybersecurity Challenges in Autonomous Mobility Systems	2025	Digital Convergence in Intelligent Mobility Systems				125	158	Book chapter
4229	Maruthi P.B.; Indu B.; Lakshmi D.K.S.V.; Tholasi B.S.; Thasmiya L.A.	Recognition of Rice Plant Leaf Diseases Detection using Deep Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			6181	6189	Conference paper

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4230	Anil Kumar N.; Ashreetha B.; Reddy A.M.; Dekka S.; Dankan Gowda V.; Prasad K.D.V.	Maximizing Energy Efficiency in Wireless Sensor Networks for IoT with Advanced Techniques and Solutions	2025	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025				448	454	Conference paper
4231	Arunkumar K.; Balakrishna G.; Raju B.L.; Prakash P.; Kishore Y.R.; Suresh B.V.; Anil Kumar M.	Structure–Property Relationship in Cryo-Rolled AM50 Magnesium Alloy: From Grain Refinement to Ductility Gain	2025	Journal of The Institution of Engineers (India): Series D						Article
4232	Bompem G.; Pandluri D.	DeepQ Classifier for Predicting of Brain Tumor using Convolutional Neural Network	2025	2025 5th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2025						Conference paper
4233	Venkatachalam S.K.; Fareed M.; Duraisamy N.; Lavanya K.; Digala P.; Parthipan P.; Vinayagam R.; Sathishkumar K.	Cell Wall Disintegration in Microalgae: Implications for Efficient Fucoxanthin Extraction	2025	Waste and Biomass Valorization						Review
4234	Vasundhara G.; Madhavi T.	A Study on Effectiveness of Technological Advancements on Human Resource Practices in Selected It Firms	2025	Proceedings of the 2025 17th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2025						Conference paper
4235	Narayana M.V.; Parthasaradhy P.; Kumar P.J.; Chebrolu S.K.; Shrivastava S.; Babu S.D.; Dey N.S.	A NOVEL INTEGRATED FRAMEWORK FOR SECURE IOT-BASED SMART VEHICLE MANAGEMENT USING MACHINE LEARNING AND BLOCKCHAIN FOR PATH PLANNING AND COLLISION AVOIDANCE	2025	Journal of Theoretical and Applied Information Technology	103	21		8735	8763	Article
4236	Ruby E.D.K.; Al-Nassar B.; Vignesh G.D.; Gedam N.; Naresh G.; Nagaraju N.	Experimental Analysis of Improved AODV Protocol with Automatic Route Guidance Method in Vehicular Communication	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
4237	Ganesh C.; Deepak S.K.R.; Bruhathi S.; Maatangy A.B.; Rajkumar M.	Leveraging Low-Cost Accelerometers and Enhanced STA/LTA Algorithm for Real-Time Seismic Detection in IoT Frameworks	2025	2025 2nd International Conference on Intelligent Technologies for Sustainable Electric and Communications Systems, iTech SECOM 2025						Conference paper
4238	Subrahmanyam K.; Satyanarayana T.V.V.	Fractal-Augmented Deep Learning for Animal Behaviour Analysis	2025	2025 6th International Conference on Data Intelligence and Cognitive Informatics, ICDICI 2025				746	750	Conference paper
4239	Srisuma V.; Yalavarthi S.; Inaganti R.; Reddy Madhavi K.; Vishnu P.; Pullarao M.V.	Efficient Diagnosis of Skin Cancer Utilizing Swin Transformers Through Dermatoscopic Image Analysis	2025	Lecture Notes in Networks and Systems	1228 LNNS			388	395	Conference paper
4240	Gudala L.; Kodgi P.A.; Kumar Pamidi Venkata A.; Balasm Z.; Ghamya K.	Unmanned Aerial Vehicles with You only Look Once Version5 in Agriculture Monitoring	2025	3rd International Conference on Data Science and Information System, ICDSIS 2025						Conference paper
4241	Farook S.; Sai Thrinath B.V.; Venkatesh G.M.; Naveen G.; Naveen D.; Harshith B.	SMC CONTROLLER FOR PV POWERED EV CHARGING STATION USING ZETA CONVERTER	2025	2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2025						Conference paper
4242	Kumar B.H.; Parimalasundar E.; Pravallika Y.; Yochana E.; Santhosh K.; Yangyang F.	An Efficient Multilevel Fault Tolerant Boost Inverter for Fuel Cell Applications	2025	7th International Conference on Energy, Power and Environment, ICEPE 2025						Conference paper
4243	Leela P.; Megana Santhoshi P.; Swamy K.A.; Madhavi K.R.; Tangudu N.; Kumar K.M.	Vehicle Type Detection Using Faster R-CNN	2025	Lecture Notes in Networks and Systems	1224 LNNS			450	456	Conference paper
4244	Maheswari K.U.; Dhanalakshmi P.	GNN-Transformer Fusion for Enhanced Missing Child Identification	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
4245	Devansh C.; Suman J.V.; Eswar G.; Narasimha G.; Medasani S.; Balaji M.	A Complementary FET (CFET)-Based NAND Design to Reduce RC Delay	2025	2025 IEEE 1st International Conference on Smart and Sustainable Developments in Electrical Engineering, SSDEE 2025						Conference paper
4246	Manohara M.; Padmaja S.N.; Supriya K.; Srikar M.N.; Usharani N.; Mahendra R.	Intelligent Brake-By-Wire System for Connected Electric Vehicles: MEMS-Based Adaptive Braking	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4247	Addepalli T.; Prakasam V.; Kumar M.S.; Sura P.R.; Siridhara A.L.; Venkatanaresh M.; Uppada R.; Narayana A.L.	TRIPLE-BAND NOTCHED UWB ANTENNA FOR SHORT-DISTANCE HIGH-SPEED WIRELESS COMMUNICATION SYSTEMS	2025	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	84	9		19	38	Article
4248	Ashreetha B.; Yadav T.S.K.; Sreedhar S.; Siddeswara V.M.; Sudharani O.	Optimized Text-to-Image Synthesis Using Stable Diffusion and the Diffusers Library	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				101	106	Conference paper
4249	Vedashree L.V.; Ramaswamy Y.; Gudala L.; Mohamadabbas H.; Sushama C.	Privacy-Preserving Data Analysis using Decentralized Blockchain-Based Authentication with Zero-Knowledge Cloud Auditing	2025	3rd International Conference on Data Science and Information System, ICDSIS 2025						Conference paper
4250	Kumar M.S.; Cholla R.R.; Sunitha V.; Ramakrishna K.; Sirisala S.; Laasya G.	Recent Advances in Techniques and Applications for Machine Learning in Disaster Management	2025	AI and ML in Early Warning Systems for Natural Disasters				56	75	Book chapter
4251	Venkatesh P.; Mukesh K.; Johanan V.; Lakshmi T.S.; Lalitha G.; Thrinath B.V.S.	Power System Security Assessment And Enhancement With Proposed Ranking Index For Voltage Stability Analysis	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper

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4252	Bhaskar K.B.; Nandagopal V.; Sreeranganayakulu J.; Sathiyamoorthi V.; Gopi R.; Sivakamasundari N.	Comparative Analysis of SVM, Random Forest and Reinforcement Learning for Harmonic Mitigation in Smart Homes	2025	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025				604	608	Conference paper
4253	Saraswathi C.; Chakradhar K.S.	Brain Tumor Segmentation and Classification Using Modern Intelligent Image Processing Techniques	2025	Proceedings of 2025 2nd International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2025				401	408	Conference paper
4254	Nikitha C.; Sushama C.	PRNet: A Novel Two-Stage Framework for Enhanced Personalized Recommendations Using GMM Clustering with CNN and Bi-GRU	2025	International Journal of Intelligent Engineering and Systems	18	5		718	732	Article
4255	Swain M.P.; Harak S.S.; Raja G.M.; Tallapragada V.V.S.; Varma I.R.P.K.; Arulmurugan M.; Bhagavan V.S.; Philip J.M.; Rajaram A.	ADVANCED NANOCOMPOSITE FILMS FOR TARGETED POLLUTANT ABSORPTION AND NUTRIENT DELIVERY IN SOILS	2025	Journal of the Balkan Tribological Association	31	5		1031	1042	Article
4256	Bhavitha C.; Reddy A.D.; Dankan Gowda V.; Pavan B.H.V.V.S.R.K.K.; Pathak D.; Kumaraswamy I.	Predictive Accuracy of Machine Learning Models in Early Detection of Parkinson's Disease	2025	Proceedings of 3rd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2025				493	501	Conference paper
4257	Kumar M.R.; Kalyani B.J.D.; Suneetha K.; Satyam K.; HemaChandra S.; Madhavi K.R.	Improvement of Communication Stability by Geo-Drone-Based SOA Routing Algorithm in Emergency Area Ad-Hoc Network	2025	Lecture Notes in Networks and Systems	1247 LNNS			406	418	Conference paper
4258	Chowdam V.S.; Harsha Reddy P.S.; Likhitha S.; Nazma S.; Sai P.E.	IoT-Enabled Smart Soil Monitoring System with Crop and Fertilizer Recommendations	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025				412	419	Conference paper
4259	Saravanakumar S.; Senbagavalli M.; Debnath S.; Sekaran R.; Parasuraman M.; Kallam S.; Madhavi K.R.	An Effective and Deep Neural Network for Brain Tumor Segmentation and Detection	2025	Lecture Notes in Networks and Systems	1228 LNNS			451	460	Conference paper
4260	Ruba Sri D.R.; Kamatchi Kannan V.; Kalpana Devi S.; Thrinath B.V.S.; Sankarganesh R.; Ponmurugan P.	Design and Simulation of Five Level Multilevel Inverter for EV Applications	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				657	661	Conference paper
4261	Bharaty K.S.; Konduri P.S.R.	Deep Learning-based Wind Speed Forecasting for Enhanced Smart Grid Efficiency and Stability	2025	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025				108	113	Conference paper
4262	Kumar V.K.; Tallapragada V.V.S.	Cascaded Residual Dilated Network for Precise Land Cover Classification from Very High Spatial Resolution Satellite Imagery	2025	2025 IEEE 2nd International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2025						Conference paper
4263	Ravindra G.; Khan P.S.; Prakash S.S.; Reddy K.H.V.P.; Hameed S.A.; Raj T.S.	Comparative Analysis of Conventional BLDC and DC Motors based on Simulation	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4264	Nara N.; Raja Sekhar C.; Tagore Sai Prasad G.; Sireesha N.; Idimadakala M.	A Comprehensive Study of Secure Clustering and Routing for MANET using Fuzzy Clustering and Optimization Algorithm	2025	4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2025						Conference paper
4265	Malathi M.; Sinthia P.; Nagarajan P.; Ashokkumar N.; Thandapani K.; Arthy G.	Real-Time Monitoring and Early Detection of Earthquakes Through Wireless Sensor Networks in IOT	2025	Lecture Notes in Networks and Systems	1379 LNNS			417	425	Conference paper
4266	Kumar H.N.; Ganesh D.; Koppula S.B.; Sai Sree Sushmitha V.; Shobha Rani D.; Sunil Kumar M.	Optimizing Soil Moisture Predictions with Hybrid Computational Algorithms in Farming	2025	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						Conference paper
4267	Venkateswarlu Reddy S.; Gopi P.; Hussaian Basha C.H.; Shaik F.; Naik J.S.; Vyshnavi G.	Enhancing Disabled Mobility and Health Safety Through Iot-Integrated Smart Wheelchairs	2025	5th IEEE International Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2025						Conference paper
4268	Ambedkar B.R.; Joshi K.; Shamoan R.; Thomas P.; Krishna K.H.; Anandaram H.; Lamba A.K.; Tewari S.	Design and Implementation of Innovative Statistically Secured Hash Algorithm using Decentralized Hash Function	2025	Panamerican Mathematical Journal	35	1S		115	126	Article
4269	Vuyyala B.; Dogiparthi L.K.; Bukke S.P.N.; Nettikallu Y.; Eftekhari Z.	Theranostics in Cervical cancer	2025	Theranostics in Cancer Management: Integrating Diagnostics and Therapeutic Strategies				83	109	Book chapter
4270	Kavitha K.; Sivaraman M.; Reddy Y.S.; Amsaveni N.; Umamaheswari M.; Devi R.G.	Cognitive AI for Precision Medicine: Integrative Drug Recommendation Through Intelligent Architectures	2025	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025				1422	1428	Conference paper
4271	Mediga K.R.; Sharma B.; Joshi R.; Palanivel H.; Kuruva M.; Sunkad G.	Potential of wild relatives of wheat: ideal gene pool for enhancing drought tolerance in modern wheat cultivars	2025	Wheat Wild Relatives: Developing Abiotic Stress Tolerance under Climate Change				91	140	Book chapter
4272	Suneetha I.; Prathima C.; Sirisala S.; Mahalakshmi S.S.D.K.; Balaji Nanda Kumar Reddy K.; Sambana B.	A Real Time approach for detecting and counting Vehicles using OpenCV and NumPy	2025	2025 International Conference on Pervasive Computational Technologies, ICPCT 2025				365	370	Conference paper
4273	Naresh K.; Umapathi Reddy P.; Sujatha P.	Multimode Droop Regulator of DFIG in Wind Generator in Remote Application	2025	Lecture Notes in Networks and Systems	1247 LNNS			361	368	Conference paper

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4274	Sreehitha G.; Chitteti C.; Gogula S.; Jajala K.K.; Galety M.G.; Sreedevi E.	Semantic Segmentation of Objects Using Deep Neural Networks for Automated Object Recognition	2025	Lecture Notes in Networks and Systems	1224 LNNS			433	441	Conference paper
4275	Ramrao N.; Raju K.V.; Reddy Madhavi K.; Aswini J.; Siva I.; Pothuri V.R.V.	Enhancing Object Detection with EfficientDet Using Moth Flame Optimization	2025	Lecture Notes in Networks and Systems	1356 LNNS			427	435	Conference paper
4276	Neelima K.; Rajyalakshmi P.; Hussain A.F.; Suguna T.; Talari V.S.R.; Padma C.	Hardware Efficient Implementation of Image Enhancement Algorithms Using Xilinx System Generator	2025	International Conference on Intelligent Communication Networks and Computational Techniques, ICICNCT 2025						Conference paper
4277	Sekhar G.C.; Kedhari Sailaja P.; Rao G.M.; Srinivas N.; Thrmath B.V.S.; Gunala A.	Analysis and Comparison of Pre-Coding Techniques' Performance in the Massive MIMO Downlink For 5G Networks	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
4278	Prathima C.; Shashidhar M.; Pallavi G.; Sohail K.S.; Ehsanulla Basha S.; Priya K.M.	A Machine Learning Approach on Multimedia Data for Predicting Student Anxiety	2025	Proceedings of IEEE International Conference on Signal Processing,Computing and Control				254	259	Conference paper
4279	Birla S.; Singh N.; Jeevani G.S.N.; Kumawat R.; Srinivasulu A.	Unified Multimodal 64-Bit Arithmetic Logic Unit for High-Performance Computing Architectures	2025	Journal of VLSI Circuits and Systems	7	2		1	8	Article
4280	Natnael Teshale A.; Rafi N.; Monikarchan Y.	v–ideals of Almost Distributive Lattice	2025	Palestine Journal of Mathematics	14	2		105	114	Article
4281	Depuru S.; Hamsaveni K.; Akhila M.; Prasad K.D.; Karthik L.	BERT-based Semantic Matching for Detecting Phishing URLs in Email Content	2025	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025				1398	1403	Conference paper
4282	Sampathi S.; Kulkarni N.; Bhikshapathi D.V.R.N.; Tawade J.V.; Tarakaramu N.; Rashid R.F.; Kubaev A.	Optimizing ibrutinib bioavailability: Formulation and assessment of hydroxypropyl-β-cyclodextrin-based nanosponge delivery systems	2025	Current Research in Pharmacology and Drug Discovery	8		100213			Article
4283	Begum A.Y.; Sahil S.M.; Raju M.R.K.; Laya M.S.; Kalyan D.; Kamesh V.	Digital Twin-Based Smart Building Management System	2025	2nd International Conference on IT Innovations and Knowledge Discovery, ITIKD 2024						Conference paper
4284	Balamanikandan A.; Manikandan N.; Sriananda Ganesh T.; Kalidasan M.; Sukanya M.; Anbarasu L.	Nanophotonic-Enhanced Photoacoustic Fusion with Transformers for Brain Tumor Classification	2025	International Journal of Electrical and Electronics Research	13	4		870	877	Article
4285	Shobha M.; Kumar N.A.	Breast Cancer Diagnosis using Machine Learning: Challenges and Opportunities	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				1805	1811	Conference paper
4286	Kachapuram H.; Pulipati V.N.C.K.; Potha U.; Kurni M.; Suneetha I.; Harish P.	Quiz-Based Resource Recommendation System Using Decision Tree Classification for Adaptive Learning	2025	2025 IEEE International Conference on Advanced Computing Technologies, ICACT 2025				772	777	Conference paper
4287	Depuru S.; Babu B.H.; Deepika A.; Sree R.N.; Jayadeep A.; Amala K.	Malware Traffic Pattern Recognition using Self-Supervised Transformer Encoders	2025	4th International Conference on Automation, Computing and Renewable Systems, ICACRS 2025 - Proceedings				1039	1043	Conference paper
4288	Ganesh C.; Deepak Suresh Kumar R.; Bruhathi S.; Mathiyarasu M.; Srikanth S.; Manoj V.	Artificial Intelligence Based Diagnosis of Few Diseases	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
4289	Prabhuraj P.; Rajakumar S.; Sonar T.; Ivanov M.; Nathan S.R.	Mathematical modelling and development of response surfaces to predict and analyze the salt fog corrosion resistance of friction stir welded AA7075-T651 alloy joints: effect of retrogression and reaging	2025	International Journal on Interactive Design and Manufacturing	19	1	016505	347	363	Article
4290	Fallaah M.H.; Shanthi T.; Reddy S.B.; Rajavadhani K.; Sandhya K.	Fault Tolerant Quality of Service Provisioning in Internet of Things using One Class Support Vector Machine	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
4291	Sujatha M.S.; Akkiseti S.P.; Thrinath B.V.S.; Selvam P.P.; Kumar V.B.; Kumar B.A.	Implementation of Perturb & Observe, FLC and ANFIS MPPT Strategy with Buck and Boost Converters in Photovoltaic Systems	2025	2025 International Conference on Computational Innovations and Engineering Sustainability, ICCIES 2025						Conference paper
4292	Gudala L.; Ramaswamy Y.; Pamidi Venkata A.K.; Riadhusin R.; Sandhya K.	AI-Driven Search and Personalized Travel Recommendation System based on Retrieval Augmented Generator Framework	2025	3rd International Conference on Data Science and Information System, ICDSIS 2025						Conference paper
4293	Nirosha U.; Vennila G.	Federated Learning-Powered Hybrid Model for Crop Prediction: Combining Graph Neural Networks with RNNs	2025	2025 Global Conference in Emerging Technology, GINOTECH 2025						Conference paper
4294	Chanukya Padira S.V.V.N.; Javvaji H.; Parvez Z.; Sarada K.; Kumar B.H.; Singh A.R.	A Switched Capacitor – Inductor High Gain DC-DC Converter for Solar PV Applications	2025	International Journal of Electrical and Electronics Research	13	1		101	107	Article
4295	Kanam S.; Mazumder D.; Al-Asady H.A.-J.; Kumaraswamy I.; Dhanamalar M.	Comprehensive Analysis of Glaucoma Detection using Machine Learning and Deep Learning	2025	2025 International Conference on Intelligent Computing and Knowledge Extraction, ICICKE 2025						Conference paper
4296	Padthe A.; Hassan M.M.; Nagarathna P.; Rs N.; Bindu G.	Recursive Feature Elimination with Adaptive Encryption Pattern Recognition for Real-Time Anomaly Detection	2025	3rd International Conference on Data Science and Information System, ICDSIS 2025						Conference paper

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4297	Shivanna V.; Chalichalamala S.; Jyothsna V.; Pydala B.; Kumar T.P.; Srilakshmi K.	Drug Recommendation System in General Medical Emergencies	2025	2025 IEEE 5th International Conference on ICT in Business Industry and Government, ICTBIG 2025						Conference paper
4298	Chakradhar K.S.; Munikrishna N.; Sivamani J.; Sukesh N.; Kumar M.S.; Ganesh D.	Disease Detection of Plant Leaves Using K-Means Clustering and CNN Algorithms	2025	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						Conference paper
4299	Kavya B.; Akshay K.V.S.L.; Lakshmikanth P.; Kumar A.V.; Sriharsha A.V.; Paneendra A.V.	Tuning U-Net architecture for Weed Detection, Annotation, Mapping and Classification	2025	2025 6th International Conference for Emerging Technology, INCET 2025						Conference paper
4300	Tamilarasan C.; Prasanna Babu J.; Kiran Kumar P.; Keerthi V.; Hossein R.R.; Putta P.	Quantum-Assisted Adaptive Stereo Vision System (QASVS) for Autonomous Robotics	2025	2025 International Conference on Metaverse and Current Trends in Computing, ICMCTC 2025						Conference paper
4301	Reddy P.V.; Ganesh D.; Shaidha S.J.; Imambee S.; Gnanada R.; Hareesh R.	An Enhanced EMV Protocol for Attack-Resistant Mobile Transactions	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025				1873	1878	Conference paper
4302	Babu S.D.; Navya D.; Madhu M.; Babu Ch.R.; Babu J.S.; Kumar M.S.	Guardian of Awake Journeys: A Real-Time Drowsiness Monitoring System for Automotive Drivers	2025	6th IEEE International Conference on Recent Advances in Information Technology, RAIT 2025						Conference paper
4303	Veeranjaneyulu R.; Sumathi V.; Sushama C.; Sekhar S.C.; Neelima P.; Kumar M.S.	Predicting Disasters: A Machine Learning Approach	2025	Communications on Applied Nonlinear Analysis	32	15		262	272	Article
4304	Manikandan K.; Venkatesh P.; Pratyusha B.N.; Sarada K.; Singh A.R.	Smart Optimization for Environmental and Economic Dispatch with Renewable Energy Integration	2025	SSRG International Journal of Electrical and Electronics Engineering	12	1		9	16	Article
4305	Kumar Y.D.; Sulthana S.S.; Aravind B.G.S.; Vandana S.; Reddy C.R.	Real-Time Saline Level and Vital Signs Monitoring Using IoT and Arduino	2025	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025				338	343	Conference paper
4306	Swaroop K.; S.B B.; Prasanthi S.; Goudanavar P.; Naveen N.R.; Sreeharsha N.; Meravanige G.; Asif A.H.	Pro Transfersosome Loaded Gefitinib Novel Tablet for pulmonary drug delivery: Optimization and characterization	2025	Journal of the Indian Chemical Society	102	1	101520			Article
4307	Gayathri K.; Prathima Ch.; Siva N.; Devi B.M.; Kumar B.S.; Ramu M.	An Approach to Image Blur Detection and Restoration Using Generative Adversarial Networks	2025	2025 IEEE International Conference on Advanced Computing Technologies, ICACT 2025				749	754	Conference paper
4308	Prathima C.; Babu G.M.; Koushik A.; Arjun P.; Manoharra S.; Mahesh Babu M.	Unified Image Similarity Detection Using Neural Networks and Feature Metrics	2025	2025 International Conference on Data Science, Agents and Artificial Intelligence, ICDSAAI 2025						Conference paper
4309	Thaile M.; Shieh C.-S.; Rao M.N.; Kanna S.K.R.; Kumar R.N.; Rao C.M.; Joshi H.J.; Prasan U.D.; Nayapamu R.	KNOWSENTMIX: LEVERAGING CONTEXTUAL EMBEDDINGS AND KNOWLEDGE GRAPHS FOR DEEPER SENTIMENT UNDERSTANDING IN CODE-MIXED TEXT	2025	Journal of Theoretical and Applied Information Technology	103	24		10741	10750	Article
4310	Kumar K.A.; Sirisha O.; Jahnvi G.; Vali D.A.; Dikshitha G.; Roy D.L.	Agricultural Land Classification Based on Climatic Information Through Big Data	2025	Lecture Notes in Networks and Systems	1232	LNNS		420	427	Conference paper
4311	Busireddy Seshakagari H.R.; Peramalasetty R.; Reddy Madhavi K.; Pranay Varna C.; Prabhu Das M.	Superposition in Quantum Computing—Advancements with Google’s Willow Chip and IBM’s Quantum Systems	2025	Quantum Computing: the Past, the Present, and the Future				530	551	Book chapter
4312	Sirish Kumar M.; Sri T.R.; Babu G.V.; Venkatesh L.	Enhancing Social Media Security: Machine Learning Solutions for Fake Profile Detection	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			8096	8104	Conference paper
4313	Balakrishna G.V.; Kumar B.N.K.; Haritha A.; Kejiya G.; Vavilala S.K.; Reddy D.V.S.	Enhanced Voltage Regulation: PID Controller Optimization a Using Hybrid Whale Optimization Algorithm	2025	International Conference on Electrical Energy Systems, ICEES		2025		755	758	Conference paper
4314	Dekka S.; Raju K.N.; Sai D.M.; Pallavi M.; Sambana B.	Classification of Parkinson’s Disease Using Machine Learning Techniques	2025	Springer Proceedings in Mathematics and Statistics	442			27	38	Conference paper
4315	Ramkumar G.; Vignesh G.D.; Arjunan M.; Mohanadoss P.; Muthulakshmi R.V.; Venkatanaresh M.; Hedaman A.Z.	Nonlinear FWM effects management and FWM system performance analysis in ultra wide optical wavelength division multiplexing systems	2025	Journal of Optical Communications						Article
4316	Rao B.R.; Chakradhar K.S.; Ganesh D.; Nataraj D.; Janani C.	Hybrid Feature Selection And Densestnet Approach For Breast Cancer Identification And Categorization	2025	2025 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2025						Conference paper
4317	Chinnasamy P.; Nirmala V.; Reddy B.R.S.; Rao R.V.V.N.B.; Udhayakumar A.; Degala D.P.	Early Alzheimer's Disease Stage Identification and Categorization Through Deep Learning	2025	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025				1146	1152	Conference paper
4318	Nisha A.S.A.; Prasad K.P.; Christy A.A.; Kadiri P.; Urazbaeva D.; Solayev O.; Venkataramanaiah B.	Efficient Classification of Cardiovascular Abnormalities by Deep Learning	2025	Proceedings of 3rd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2025				323	327	Conference paper

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4319	Buragadda V.; Orekanti E.R.; Maddileti T.K.	Influence of Reinforcement Type on Anchor Uplift Capacity	2025	Lecture Notes in Civil Engineering	662 LNCE			331	339	Conference paper
4320	Devi S.N.; Thirumalaikumari T.; Bansod S.P.; Bhole M.K.; Khan W.; Sreetharan V.	An Adaptive Fraud Detection Algorithm in Online Transaction based on CNN-HSVM Approach	2025	2025 International Conference on Intelligent Computing and Knowledge Extraction, ICICKE 2025						Conference paper
4321	Rao B.N.K.; Abhiram S.R.; Reddy M.M.; Shireen V.; Poojitha P.	Crafting Shopping Experiences Using Artificial Intelligence	2025	Synergy of AI and Fintech in the Digital Gig Economy				354	369	Book chapter
4322	Dharani K.; Rani D.L.; Kumar P.K.; Prabakaran S.; Balamurugan R.; Logesh S.K.	AI-Powered Signal Processing in 5G Networks	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
4323	Kovuri K.; Kanishka G.; Jyosthna P.M.; Jyothi Babu A.; Yamsani N.; Vanithamani R.	Privacy-Preserving Healthcare Data in IoMT	2025	Lecture Notes in Networks and Systems	1228 LNNS			311	318	Conference paper
4324	Sindgi A.; Gandhimathi K.; Priyanka P.; Sangeetha S.; Sandhya K.	L-Align: A Confidence-Guided Learning Through Alignment Framework for Cross-Modality Domain Adaptation in Medical Image Segmentation	2025	International Conference on Communication, Computer and Information Technology, IC3IT 2025						Conference paper
4325	Devaraju T.; Kavya K.; Kowshik M.; Venu N.; Sneha R.; Kumar S.M.	Enhancing Grid Stability Through Optimized PV- STATCOM integration	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4326	K K.N.; D H.B.; S H.R.; P V S.N.	Magneto-Stefan blow enhanced heat and mass transfer flow in non-Newtonian ternary hybrid nanofluid across the nonlinear elongated surface	2025	Numerical Heat Transfer, Part B: Fundamentals	86	5		1463	1482	Article
4327	Sujatha M.S.; Sunmai R.; Sudheer N.; Lakshmikanth M.; Reddy K.P.; Sireesha K.	RFID-Enabled Electric Vehicle Charging Stations: Enhancing Infrastructure and Communication with OCPP	2025	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025				244	252	Conference paper
4328	Kumar C.S.; Bhavana M.; Rehaman S.N.; Lokesh P.; TejaPrakashReddy S.	SECURING IOT NETWORKS AGAINST BOTNET ATTACKS WITH MACHINE LEARNING AND DEEP LEARNING TECHNIQUES	2025	2025 International Conference on Data Science and Business Systems, ICDSBS 2025						Conference paper
4329	Prathima Ch.; Anitha T.; Reddy P.J.; Susmitha Y.; Reddy P.S.; Charitha N.	Analyzing Handwriting Features for ADHD Detection in Children with Autism via Machine Learning	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies				565	569	Conference paper
4330	Ashokkumar N.; Kavitha T.; Arthy G.; Malathi M.; Sinthia P.; Javid Basha S.	Computer Simulations of Air Pollution’s Impact on New Delhi’s Quality of Life and Health Risks	2025	Springer Proceedings in Materials	79			23	32	Book chapter
4331	Krishnasamy S.; Aravind D.; Thirukumaran M.; Siva I.; Kalusuraman G.; Chandrasekar M.; Senthil Muthu Kumar T.	Physical, morphological, chemical, structural, thermal, and tensile properties of banana fibers	2025	Banana Fibres and their Composites: Processing, Design, Properties and Applications				103	128	Book chapter
4332	Kumar R.N.; Lakshmi G.P.; Porwal R.; Rao C.M.; Vallabhajosyula S.M.; Kumar M.L.; Rao M.N.	HYBRID DEEP ATTENTION-BASED EMOTION RECOGNITION USING TEMPORAL-SPATIAL OPTIMIZATION FOR MULTI-SUBJECT VIDEO ANALYSIS	2025	Journal of Theoretical and Applied Information Technology	103	19		8107	8116	Article
4333	Ansari S.A.T.	Subliminal Influence of Indian Ethos on Cross-Cultural Business Communication	2025	Business Management and Ethics: Insights from Indian Ethos				211	230	Book chapter
4334	Suseela G.; Devi B.R.; Ashwitha A.; Venkataramana R.; Hussain S.J.; Avanija J.	Predictive Analysis of Cricket Match Outcomes: A Comparative Study of Machine Learning and Data Mining Techniques	2025	Lecture Notes in Networks and Systems	1224 LNNS			425	432	Conference paper
4335	Ravichand M.; Ganesh D.; Naga Madhuri J.; Bharath K.N.; Shobha Rani D.; Sunil Kumar M.	Analysis and Classification of Tweets for Sentiment Analysis on Twitter Dataset	2025	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						Conference paper
4336	Saravanakumar R.; Arunvivek G.K.; Elango K.S.; Balaji D.; Achuthan P.	Durability Properties of Super Absorbent Polymers and Polyethylene Glycol Added Self Curing Concrete - A State of Art Review	2025	Procedia Structural Integrity	70			319	326	Conference paper
4337	Kalpana Devi S.; Ravi V.; Karthikeyan G.; Madhanraj R.; Parimalasundar E.; Kamatchi Kannan V.	A Robust and Flexible Linear Regression based Early Fault Detection Method in Photovoltaic Systems	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025				769	773	Conference paper
4338	Sriharsha A.V.; Ganesh C.S.; Teja G.; Sumanth K.; Sindhuja G.; Ajay C.	Image-to-Label-to-Answer: A Simplified LLM Framework Medical Visual Question Answering	2025	2025 International Conference on Computing Technologies, ICOCT 2025						Conference paper
4339	Neeraja P.; Neelakantan P.; Jyothi Babu A.; Priya P.	Machine Learning-based Strategies for Monkey Pox Outbreak Prediction and Mitigation	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7819	7824	Conference paper
4340	Arumilli S.; Manyam S.S.D.; Samathoti P.; Latha S.M.; Anitha K.; Polaka S.	Emerging technologies in modifying inulin properties for sustainable and innovative product development	2025	Comprehensive Guide to Inulin: Applications in Health, Nutrition and Consumer Products				397	416	Book chapter
4341	Prabu R.T.; Vignesh G.D.; Sweeti S.; Dorairajan N.; Peruthambi V.; Singh N.N.; Hossam A.	Simulative study of high-speed single-mode photonic crystal fiber channel based all-optical multi-pumped Raman amplification with hybrid symmetrical FBG/DCF dispersion compensation schemes	2025	Journal of Optical Communications						Article

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4342	Jain M.S.; Prasanthi S.; Bommala N.D.; Goudanavar P.; Naveen N.R.	Harnessing the Human Microbiome for Innovative Drug Delivery Systems: Exploring Pharmacomicrobiomics and Targeted Therapies	2025	Current Pharmaceutical Design	31	37		2959	2971	Review
4343	Yogi K.S.; Dankan Gowda V.; Roshani P.; Shankar C.; Kumar G.L.N.S.; Murthy C.R.	A Novel Framework for Integrating Machine Learning in CSR to Accelerate Sustainability in the Indian Automobile Sector	2025	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025				836	843	Conference paper
4344	TS S.; Gupta S.K.; Laishram L.	Neural Signatures of Emotion: EEG-based Insights into Love and Excitement in Advertising	2025	Annals of Neurosciences						Article
4345	Shafahed K.; Keerti; Yugandhar P.; Neethirajan G.; Arya A.; Purushothaman I.	AI-Assisted Detection of Antimicrobial Resistance Genes: A Deep Learning Approach to Combat Superbugs	2025	Proceedings of 2025 10th International Conference on Science Technology, Engineering and Mathematics, ICONSTEM 2025						Conference paper
4346	Jaiswal V.K.; Goundar S.; Sunitha G.; Avanija J.; Gayam S.R.; Hemachandra S.	Fundamentals of Quantum Computing	2025	Quantum Computing: the Past, the Present, and the Future				55	82	Book chapter
4347	Jhansi J.; Cht K.T.Y.; Bharathi M.; Madhu G.C.; Peroumal V.K.; Mitra R.	Software Based Performance Evaluation of Data Encryption Algorithms	2025	2nd International Conference on Electronics, Computing, Communication and Control Technology, ICECCC 2025						Conference paper
4348	Geetha N.; Sunitha G.	UAV Image Classification: A Comparative Evaluation of CNN Models	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025				592	597	Conference paper
4349	Punitha A.; Kumar N.M.G.; Hariharan K.S.; Pandey V.; Deshpande S.; Mandal P.	A Hybrid Game Theory and Machine Learning Framework for Renewable Energy Allocation in EV Charging Systems	2025	2025 Global Conference on Information Technology and Communication Networks, GITCON 2025						Conference paper
4350	Naik M.N.; Bolledu N.; Leela P.; Galety M.G.; Rao N.S.; G A.V.N.R.	Wildfire Spread Prediction Using Smart Plant Monitoring System Using Internet of Things	2025	Lecture Notes in Networks and Systems	1227	LNNS		351	357	Conference paper
4351	Jayakumar D.; Sathiyavani V.; Balamanikandan A.; Sudharsan G.; Prabha A.S.; Karthika V.V.	Federated Machine Learning for Smart Healthcare Sensor Calibration	2025	2025 Global Conference on Information Technology and Communication Networks, GITCON 2025						Conference paper
4352	Reddy N.V.S.; Vennila G.	A Hybrid Machine Learning and Deep Learning Framework for Privacy-Preserving Threat Detection in Online Social Networks	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025				42	48	Conference paper
4353	Chitteti C.; Sai T.J.; Madhavi K.R.; Kavya D.; Pranay G.J.; Reddy Y.V.V.P.	Agri Doctor: Intelligent Crop Disease Detection for Sustainable Farming	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
4354	Krishna M.B.; Kumar N.A.	Design and Analysis of Low Power High Speed Multi Bit Flip-Flop using Various Design Logics	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025				288	294	Conference paper
4355	Kumar S.S.; Indumathi K.; Rakshitha R.; Bhatt N.; Anitha C.; Balamuralitharan S.	Optimized Cloud Intrusion Detection Framework Leveraging Multi-Classifer Security Algorithms	2025	2025 IEEE 5th International Conference on ICT in Business Industry and Government, ICTBIG 2025						Conference paper
4356	Periasamy S.; Deekshitha Y.; Tharun P.V.; Kumar K.V.; Reddy Y.K.	Real-Time Driver Drowsiness Detection from Video Streams using Vision Transformer with Patch-Level Temporal Encoding	2025	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025				463	468	Conference paper
4357	Ashokkumar N.; Neelamegam D.; Bharathi M.; Arun V.	Analysis of Cognitive Science and Learning Environments in Educational Institutions	2025	Journal of Engineering Education Transformations	38	3		101	114	Article
4358	Sreenivas P.; Anand M.S.; Bhosale S.; Satyanarayana T.V.V.; Boopathi S.	Enhancing Automobile Design and Manufacturing Through VR and AR Integration	2025	Virtual and Augmented Reality Applications in the Automobile Industry				231	255	Book chapter
4359	Neelima K.; Kavya Ch.; Somasundar C.; Harichandana B.; Satyam S.; Geetha P.	A Critical Assessment of Alternative Refrigerants and Waste Heat Recovery for Sustainable Thermal Systems	2025	SAE Technical Papers						Conference paper
4360	Pavani G.; Narasimha Reddy L.; Leela P.; Basi Reddy A.; Yalavarthi A.S.; Veera Vanitha D.	Empowering Accessibility: NLP-Driven Chatbot for Enhanced Information Access Among Visually Impaired Individuals	2025	Lecture Notes in Networks and Systems	1245	LNNS		396	402	Conference paper
4361	Kannan K.S.; Swathi B.; Kulkarni K.J.; Davanam G.; Munagala M.; Puvirajan T.	Improving the Quality of Service by Enhancing the Network Lifetime in Wireless Multimedia Sensor Networks	2025	International Journal of Computer Information Systems and Industrial Management Applications	17		12	67	78	Article
4362	Bala Murali Krishna J.; Dhanalakshmi P.	Thyroid Disease Prediction, Classification and Issues of Infertility in Women Using Machine Learning Algorithms	2025	Proceedings - 2025 2nd International Conference on Networks and Soft Computing, ICNSoC 2025				724	729	Conference paper

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4363	Rana Veer Samara Sihman Bharattej R.; Mhsnhasan M.; Sowmya M.; Prabhakaran M.V.; Ghamya K.	Anomaly Detection in Social Networks using Improved Local Outlier Factor	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
4364	Krishna N.H.; Kumaraswamy I.; Bose N.S.C.; Sudhakar P.; Reddy T.R.S.; Krishnan G.H.	Integrating VGG16 and LBP for Accurate E-Waste Classification Towards Environmental Sustainability	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				322	326	Conference paper
4365	Ramesh Babu E.; Sunil Kumar M.	The Role of Optimization Techniques in Advancing Big Data Analytics : A Survey	2025	Communications on Applied Nonlinear Analysis	32	15		232	248	Article
4366	Srihari G.; Vijayalakshmi K.; Basha S.M.; Bharathi M.; Tabassum S.; Reddy G.A.S.	A Novel Serial Peripheral Interface Master Core	2025	2025 6th International Conference for Emerging Technology, INCET 2025						Conference paper
4367	Balamanikandan A.; Rahamtula S.; Sundar S.; Velayudham S.; Chinnarasu K.; Jagadeesh C.	Decentralized Air Quality Management using Edge AI and Real-Time Control	2025	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025				837	842	Conference paper
4368	Vigneshwar S.T.; Balaji M.; Prabhu S.	Comparative Analysis of PMSMs and SRMs for Drone Applications	2025	Engineering Proceedings	93	1	14			Article
4369	Kavitha K.; Kumar S.S.; Kumar A.V.; Sankar P.S.S.; Koushik A.	Detecting Vehicles Number Plates using CNN and Particle Swarm Optimization	2025	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025				1256	1261	Conference paper
4370	Yadav G.H.K.; Gundluru R.; Krishna N.B.; Tangudu N.; Galety M.G.; Begam A.A.	Efficient High Utility Mining Algorithm for Big Data Applications	2025	Lecture Notes in Networks and Systems	1230	LNNS		327	335	Conference paper
4371	Dhanalakshmi P.; Sai A.N.; Susmitha E.; Kumar B.S.S.; Reddy G.M.	Brain Tumor Segmentation and Classification Using a Fusion-Based DenseUNet-201 Model	2025	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025						Conference paper
4372	Bali K.Y.; Kumar N.A.	Implementation of FIR Filter Using Multiplexer Based Truncated Multiplier and Approximate Adders	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025				718	723	Conference paper
4373	Raghavendra Reddy C.; Retna Mony R.; Balamurugan N.; Parthu V.V.; Reddy G.C.; Maruthi Kumar P.	Application of Natural Language Processing to Explore Philosophical Themes in Nissim Ezekiel’s Literary Works	2025	Lecture Notes in Networks and Systems	1247	LNNS		299	306	Conference paper
4374	Bhargavi K.; Khan P.M.D.A.; Khan P.I.; Sivakrishna T.; Tejaswani B.; Bhoomika Y.	Fake Social Media Accounts Detection using Machine Learning	2025	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025				1287	1293	Conference paper
4375	Poojitha P.; Dharani M.	Convolutional neural networks: Based EEG signal fervor identification	2025	Security Issues in Communication Devices, Networks and Computing Models: Volume 2	2			38	43	Book chapter
4376	Nagaraj G.; Nagendra Rao M.; Wankhede J.P.; Govinda Rao S.; Abas H.M.; Gireesh N.	Self-Supervised Feature Learning for Robust Image Understanding in Noisy and Unstructured Data	2025	2025 International Conference on Metaverse and Current Trends in Computing, ICMCTC 2025						Conference paper
4377	Selvalakshmi S.; Ravi S.; Kumar A.T.A.K.; Devi S.D.; Sunheriya N.; Attar H.	Industrial and Home Automation using Facebook Messenger Chatbot and PaaS	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings				587	591	Conference paper
4378	Bikku T.; Martis J.E.; Kumar S.M.; Sudha S.; Iyappan P.; Natarajan C.	HEALTHCARE BICLUSTERING OF PREDICTIVE GENE EXPRESSION USING LSTM BASED SUPPORT VECTOR MACHINE	2025	Informing Science	28		12	1	14	Article
4379	Sugumar R.; Nandhu Kishore A.H.; Sasireka A.; Vinoly G.; Somasekhar Srinivas V.K.; Saratha M.	Optimized Path Estimation in TSP Using a Hybrid Genetic Algorithm and Ant Colony Optimization	2025	2025 Global Conference on Information Technology and Communication Networks, GITCON 2025						Conference paper
4380	Kalpana V.; Vijaya Kishore V.; Ravindra Murthy C.; Narendra R.; Sruthi M.V.	Advanced Lung Cancer Diagnosis Using Optimized Deep Learning Models	2025	2025 2nd International Conference on New Frontiers in Communication, Automation, Management and Security, ICCAMS 2025						Conference paper
4381	Selvakumar R.K.; Rao K.V.; Saleem P.A.A.	An Innovative Image Enhancement Algorithm for Color Filter Array Images: A Novel Approach	2025	Lecture Notes in Networks and Systems	885			167	179	Conference paper
4382	Shilpa T.; Yamsani N.; Marrikukkala R.K.; Kumaraswamy P.; Harshavardhan A.; Sachuthananthan B.	Cardio Inspect Using ECG Images	2025	Lecture Notes in Networks and Systems	1228	LNNS		238	249	Conference paper
4383	Chintam N.; Velakacharla H.B.; Veludurthi C.P.; Ulasala K.D.; Singamala V.V.	Real-Time Bandwidth Estimation for Optimal Low-Latency Live Streaming Experience	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
4384	Begum A.; Syed S.M.; Pasha S.M.; Dandu V.; Reddy B.R.	Technological Trends in Social Enterprises for Community Health: Regional Planning and Development Perspectives	2025	Journal of Applied Bioanalysis	11	Special Issue 1		552	560	Article
4385	Geetha P.; Koppala N.; Nagarajan S.	Design and Development of Fiber Optic Vibration Sensor for Automobile Applications	2025	SAE Technical Papers						Conference paper

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4386	Depuru S.; Thakshil E.; Jassica M.; Bharath M.; Varma M.M.; Amala K.	A CNN-GRU Based Hybrid Model for IoT Botnet Detection in Smart Grid Networks	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025				1844	1850	Conference paper
4387	Srinivasmurthy C.; Raju P.R.; Venkatakrishnamoorthy T.; Padmaja K.; Devaraju T.; Madhavi K.R.	Detection of Deep Vein Thrombosis Using Machine Learning for CT Images	2025	Lecture Notes in Networks and Systems	1243 LNNS			414	421	Conference paper
4388	Roopa R.; Vudayagiri L.; Rupa Devi B.; LNC P.K.; Sunitha P.; Korupalli R.K.	Metaverse-assisted telesurgery in Healthcare 5.0.	2025	Metaverse in the Healthcare Industry: Potential Applications, Tools, and Techniques				199	211	Book chapter
4389	Reddy P.V.; Ganesh D.; Reddy Gaddam S.; Swarna Lalitha C.; Muqthadar Ali S.; Sakibaev K.	Empirical Assessment of Profit Predicting Deep Learning Methods	2025	Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025				1674	1679	Conference paper
4390	Neeraja P.; Rohith Y.S.; Vasavi V.R.; Kavyanjali K.	Surveillance System for Real-Time High-Precision Recognition of Criminal Faces from Wild Videos	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7799	7804	Conference paper
4391	Kumar R.H.; Sunitha G.	A Hybrid MobileNetV2-Shallow CNN Learning Model for Disease Classification	2025	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025				973	978	Conference paper
4392	Paul A.; Sadiq B.O.; Ramachandra D.; Venkateswarlu M.; Gutam B.G.; Brian M.	Implementing an Advanced Hybrid Models for Network Intrusion Detection Systems Against Insider Threats	2025	2025 International Conference on Computing Technologies and Data Communication, ICCTDC 2025						Conference paper
4393	Bala Dhandayuthapani V.; Nandhini R.S.; Muvva V.B.R.; Husayn S.O.; Ramachandra A.C.	Time Series Forecasting for Solar Power Generation using Support Vector Regression with Extreme Gradient Boosting	2025	4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2025						Conference paper
4394	Mohan J.S.S.; Sathwik A.S.; Ganesh M.N.V.S.; Tejaswi M.H.; Naseeba B.; Madhavi K.R.	Advancements in Handwritten Text Recognition and Correction: Bridging the Gap Between Analog and Digital Writing	2025	Lecture Notes in Networks and Systems	1246 LNNS			438	446	Conference paper
4395	Kattamanchi H.; Janardhan Saikumar P.; Sundararajan R.; Aravind Britto K.R.; Balamanikandan A.; Jagadeesh C.	Deep Learning with Explainable AI for Brain Tumor Diagnosis from Multimodal Imaging	2025	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025				1	5	Conference paper
4396	Basha S.R.; Sushma G.; Ahamed S.N.; Venkateswarlu Reddy P.; Pasupuleti V.R.; Ganesh D.	IoT-based Wildlife Intrusion Detection and Alert System using Sensor Fusion and AI for Agricultural Protection	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025				380	383	Conference paper
4397	Prathima C.; Mahanandi Y.; Bhargavi M.M.; Teja G.S.; Gowripriya M.; Sai M.L.	Real-Time Identification of Medicinal Plants Using Deep Learning Techniques	2025	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings				1061	1067	Conference paper
4398	Kumar S.T.G.; Beeram E.; Begum S.; Chatterjee P.; Samajdar D.	Refinement Of Spme-Gc/Ms For The Detection Of Volatile Organic Compounds In Medical Science And Pharmacy	2025	Journal of Applied Bioanalysis	11	1		36	45	Article
4399	Anitha C.; Al-Tarazi D.; Vignesh G.D.; Vasuki A.V.; Giri J.; Dinesh M.	Reliable Multihop Routing and Congestion Aware Chicken Swarm Optimization in Vehicular Ad-Hoc Network	2025	3rd International Conference on Integrated Circuits and Communication Systems, ICICACS 2025						Conference paper
4400	Anil Kumar N.; Kuchi S.; Krishna S.V.; Narasimha P.L.; Sree K.S.; Ashreetha B.	Voice-Based Detection of Parkinson's Disease: A Multi-Machine Learning Model Approach	2025	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025						Conference paper
4401	Sivakumar J.; Ravi V.; Kannan K.R.; Parimalasundar E.; Balasubramaniam P.M.; Dineshraj V.	A Novel MPPT-Based Control Strategy for Grid-Tied PV Systems with Power Quality Enhancement	2025	International Conference on Electrical Energy Systems, ICEES		2025		371	376	Conference paper
4402	Aswini J.; Revathi A.; Rani R.J.; Divya K.; Kumar T.R.; Reddy A.B.	Enhancing Image Quality: Geometric Correction with CNN + STN Model	2025	Lecture Notes in Networks and Systems	1229 LNNS			292	299	Conference paper
4403	Parimalasundar E.; Kumar B.H.; Navya C.S.; Naveen A.; Mounika E.; Muni E.	A Smart Control Strategy for AC-DC and DC-DC Converters in EV Charging	2025	7th International Conference on Energy, Power and Environment, ICEPE 2025						Conference paper
4404	Ganesh A.C.; Mohana R.; Vinod Kumar M.; Prem Kumar V.; Kirgizd M.S.	Geopolymer Bricks Using Industrial Wastes to Reduce CO2 Footprint	2025	Handbook of Innovative Adhesive Technology: Biodegradable and Cost-Effective Binder for Built Environment and Engineering Sciences				183	195	Book chapter
4405	Sivaji U.; Rupa Devi B.; Prakash K L.N.C.; Reddy Madhavi K.; Reddi Durgasree M.; Rafee S.M.	Fake Profile Detection of Social Media Using Deep Learning and Ensemble Machine Learning	2025	Lecture Notes in Networks and Systems	1225 LNNS			370	379	Conference paper
4406	Kumar V.N.; Lalitha Parameswari D.V.; Avanija J.; Ayyappa Swamy K.; Reddy Madhavi K.; Galety M.G.	Optimal Feature Subset Selection for Classification Using Bacterial Foraging Optimization: A Machine Learning Approach	2025	Lecture Notes in Networks and Systems	1232 LNNS			279	287	Conference paper
4407	Poosapadi D.; Venkatesulu M.; Rani L.D.; Chada L.; Aancy H.M.; Anusuya M.	Study on the Different Characteristics of Nano-MgO/Water Nanofluid for Heat Transfer Applications	2025	Malaysian Journal of Chemistry	27	3		613	623	Article
4408	Dekka S.; Sambana B.; Raju K.N.; Sai D.M.; Pallavi M.; Reddy K.K.	Performance Evaluation of QoS in MAODV Routing Protocol in MANETS	2025	Springer Proceedings in Mathematics and Statistics	441			133	150	Conference paper

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4409	Thota R.; Tripathi S.; Sowmya K.V.; Sreeman D.; Reddy D.K.K.; Prasanth B.V.	A Novel Hybrid Feature Selection Method to Enhance the Performance of Building Energy Consumption Prediction Model	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025				604	609	Conference paper
4410	Shareef M.M.; Prakash L.N.C.K.; Deepika M.; Sandhya K.; Rao B.N.K.; Madhavi K.R.	Auto Proctoring on Tab Switch Monitoring for Online Examinations in Scalable Web Interface Design	2025	Lecture Notes in Networks and Systems	1247 LNNS			419	425	Conference paper
4411	Morasa B.; Sai Bhagya Lakshmi N.; Kumar Sai M.; Monish K.; Thoushif Ahamed M.; Yasmine Begum A.	Optimized FIR Filter Design with RNS, Array Multiplier, And Kogge Stone Adder	2025	2025 IEEE 2nd International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE 2025 - Proceedings						Conference paper
4412	Shankari S.U.; Mohameed H.; Kulkarni M.; Aravindh S.; Purushotham N.	Cybersecurity Threat Detection in Smart Cities using Box Plot Sampling Isolation Forest	2025	International Conference on Intelligent Systems and Computational Networks, ICISCN 2025						Conference paper
4413	Dhanalakshmi P.; Reddy A.T.; Lokanandam D.; Saikumar D.; Shah B.K.	Heart Disease Prediction Using Machine Learning	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
4414	Shankara Murthy M.; Nagaraj S.K.; Prabhuraj A.; Maheswara Reddy P.	A new species of the genus Herpetogramma Lederer (Lepidoptera, Crambidae) from India	2025	Entomon	50	1		1	6	Article
4415	Rao B.R.; Sridhar S.; Chakradhar K.S.; Satyanaryana M.; Nataraj D.	Design of DGS Based Stacked T-Shaped Quad Band Antenna for WLAN/WiMAX Applications	2025	4th Wireless, Antenna and Microwave Symposium, WAMS 2025						Conference paper
4416	Kodeeswari K.; Sakthi M.; Rajesh R.; Mutha R.; Anandaram H.; Praveena H.D.	Lightweight Reinforcement Model for IoT Channel Access and Interference Control	2025	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025				65	69	Conference paper
4417	Sunitha G.; Vaishnavi M.S.; Joshitha V.; Rajesh M.; Phani V.A.; Amala K.	Longitudinal Evaluation of Student Writing Improvement Using Human-in-the-Loop Open-SLLMs for Automated Scoring and Revision	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025				547	553	Conference paper
4418	Yamuna R.; Maruthi P.B.; Mani J.J.S.; Kalavalapudi S.K.	Recognition of Yoga Pose Detection using Deep Learning	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			8496	8504	Conference paper
4419	Mahapatra H.; Sriharsha A.V.	A Statistically-Grounded Attention Mechanism for Early Detection of Alzheimer's Disease Using Pattern Recognition on Clinical Data	2025	Proceedings of the 2025 International Conference on Artificial Intelligence and Emerging Technology, Global AI Summit 2025				1209	1214	Conference paper
4420	Neeraja P.; Neelakantan P.; Rani C.S.; Basha S.M.	Precision Agriculture: AI-based Fertilizer Recommendations for Sustainable Crop Production	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7832	7840	Conference paper
4421	Jansi S.; Sanjeevaiah K.; Aruna S.; Reddy P.V.; Ganesh D.; Suresh J.	Real-Time Distress Detection and Location Tracking using a Voice-Activated System	2025	Proceedings of 10th International Conference on Communication and Electronics Systems, ICCES 2025				716	721	Conference paper
4422	Hebri D.; Sathishkannan R.; Pavithraa M.S.; Sreelekha P.; Vidhya P.; Praveen Kumar D.	Deep Learning for Real-Time Fault Detection in Power Systems	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
4423	Ravindra G.; Venkatasivanagaraju S.; Rao M.V.; Gunavardhan K.; Khan P.S.	Comparative Analysis of Conventional BLDC and DC Motors Based on Simulation	2025	International Conference on Electrical Energy Systems, ICEES		2025		680	685	Conference paper
4424	Khan Y.; Singh P.K.; Anjum A.; Sivakumar K.K.; Gupta S.; Mishra S.	Exergy-energy, economic and environmental evaluations of a solid oxide fuel cell based trigeneration system	2025	International Journal of Exergy	47	2		136	152	Article
4425	Krishnasamy H.N.; Guechi R.; Lary A.; Haque R.; Senathirajah A.R.B.S.; Kumar N.A.; Qazi S.Z.	A WAY FORWARD TO SUCCESSFUL INFUSION OF CULTURE IN EFL CLASSROOMS: A TEACHER-CENTERED APPROACH	2025	Scientific Culture	11	3		12	35	Article
4426	Pandu Ranga Raju B.; Thunga B.; Arun Kumar K.; Ganesh D.; Chitty A.; Reddy Madhavi K.	Face Recognition Using MTCNN and FACENET and Classification Using SVM Classifier	2025	Lecture Notes in Networks and Systems	1245 LNNS			342	353	Conference paper
4427	Yenugula M.; Chakradhar K.S.; Kumbhkar M.; Victorseelan D.; Karur R.	Feature Extrusion and Categorization of Disease by Hybrid Neuro-Fuzzy Computing	2025	Integrating Neurocomputing with Artificial Intelligence				67	86	Book chapter
4428	Prabu R.T.; Gajendran B.; Akram P.S.; Kumar N.A.; Neelamegam N.; Veeraragavan V.; Emam H.H.A.	Simulative study of light sources for enhancement of optical peak pulse power and energy with the management for time bandwidth product of an ultrashort optical pulse train	2025	Journal of Optical Communications						Article
4429	Swetha S.; Sriharsha A.V.	A Federated Learning Methodology for Preserving Privacy in Healthcare Systems	2025	Lecture Notes in Networks and Systems	1229 LNNS			229	239	Conference paper
4430	Bharathi M.; Dharani M.; Sharvani D.; Suchi V.; Rushitha N.; Reddy Y.T.	Advanced UART Verification Framework Using UVM and SystemVerilog	2025	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025				235	240	Conference paper
4431	Kishore T.; Venkatramana P.	Utilizing Polymer Liners to Reduce Crosstalk in MWCNT-Based TSVs	2025	Proceedings of 2025 International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication, IConSCEPT 2025						Conference paper

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4432	Joseph Michael Jerard V.; Ledalla S.; Kadiri P.; Vijayarajan S.M.; Alagulakshmi A.; Alagarsamy M.; Philip J.M.; Ayyasamy R.	EFFICIENT IMAGE RECONSTRUCTION USING NOVEL SAMPLING ALGORITHMS IN SCORE-BASED GENERATIVE MODELS FOR RARE NEURODEGENERATIVE DISEASES	2025	Journal of Environmental Protection and Ecology	26	2		484	494	Article
4433	Aswanandini G.; Satyasai Chetan Kumar A.V.; Ravikishor A.; Chandra C.D.; Sudhakar Reddy N.	Pothole Detection Using Image Processing and Machine Learning	2025	2025 International Conference on Computing and Communication Technologies, ICCCT 2025						Conference paper
4434	Silpa C.; Gayathri A.; Balu P.C.; Bharath Kumar Reddy P.; Niranjan Reddy K.; Pranay Kumar M.	A System for Automatically Classifying Social Network Posts into Smart Cities Dimensions	2025	Communications in Computer and Information Science	1952 CCIS			387	401	Conference paper
4435	Gupta P.K.; Kumar S.R.; Jaswanth C.; Dinesh M.; Deepika G.	Heart Disease Prediction Using Knowledge Graphs	2025	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025						Conference paper
4436	Bhatt V.; Sakhuja P.; Panicker K.; Jha A.; Hanchate A.; Rajani A.	Optimized CNN Architecture for Superior Detection of Diabetic Retinopathy	2025	Proceedings of 2025 10th International Conference on Science Technology, Engineering and Mathematics, ICONSTEM 2025						Conference paper
4437	Ravi Kumar M.; Sivakumar S.; Aralikatti S.; Kumar T.R.S.; Chakradhar K.S.; Gupta S.	Harnessing Photons for Next-Generation Computational Speed and Efficiency	2025	2025 IEEE International Conference on Emerging Technologies and Applications, MPSEc ICETA 2025						Conference paper
4438	Gupta M.; Pandey S.K.; Pareek P.K.; Shukla P.K.; Aggarwal P.K.; Reddy P.V.	Efficient Routing and Lifetime Prolongation in IoT founded Wireless Sensor Network Performance with Bee Colony-Inspired Lifetime Enhancement	2025	Journal of Intelligent Systems and Internet of Things	14	1		221	229	Article
4439	Reddy C.A.K.; Devi G.N.R.; Bolla D.R.; Kuntamukkala M.P.; Sakunde P.E.; Reddy A.B.; Selvan R.S.; Gopinath S.	Machine Learning with IoT Based Email Phishing Detection	2025	Communications on Applied Nonlinear Analysis	32	3S		479	486	Article
4440	Rani T.R.; Geetha P.	A Review on Integration of ML Techniques in Wireless Networks for Efficiency of User Mobility Identification	2025	Proceedings of the 6th International Conference on Electronics and Sustainable Communication Systems, ICESC 2025				627	633	Conference paper
4441	Venkata Prasad P.; Mallala B.; Chinnave S.; Arunachalam K.P.	Enhanced energy management in IoT-assisted hybrid microgrids through builder optimization algorithm and neural architecture search-guided physics-informed neural network	2025	Wind Engineering			0309524X25 1389729			Article
4442	Geetha N.; Kedhareswar M.R.; Kumar K.D.; Sagar U.P.; Sunitha G.; Suma K.G.	Autoencoder-Based Architecture for Forest Cover Type Classification	2025	Lecture Notes in Networks and Systems	1230 LNNS			443	451	Conference paper
4443	Alamin A.; Rahaman M.; Gazi K.H.; Alam S.; Mondal S.P.	Solution and Analysis of Coupled Homogeneous Linear Intuitionistic Fuzzy Difference Equation	2025	Transactions on Fuzzy Sets and Systems	4	2		99	115	Article
4444	Pattar J.; Raghavendra H.; Kumar D.S.; El-Ebiary Y.A.B.; Sachuthananthan B.; Nagabhooshanam N.; Naresh N.; Das P.K.	Multifunctional Epoxy Composites with Nutmeg Fiber and Banana Peel Carbon Quantum Dots for EMI Shielding	2025	Waste and Biomass Valorization						Article
4445	Mohanasundaram S.; Kumar D.S.; Kumar S.M.; Priyadarsini I.; Sachuthananthan B.; Nagabhooshanam N.; Bhemuni V.; Yaswanth K.K.	Hybrid PVA composites with basalt fiber and functionalized biocarbon: Mechanical strengthening and EMI shielding efficiency	2025	Journal of Thermoplastic Composite Materials						Article
4446	Lakshmi H.N.; Sumalatha K.; Kundu A.; Lavanya V.; Kavitha R.; Athinarayanan S.	Enhancing Power System Reliability: A Neural Network Approach for Electrical Fault Detection and Classification	2025	Lecture Notes in Networks and Systems	1356 LNNS			343	356	Conference paper
4447	Vardhan Yadav J.V.; Yasmine Begum A.	Deep Learning-Driven Liver Tumor Detection and Classification Enhanced by Particle Swarm Optimization	2025	4th International Conference on Automation, Computing and Renewable Systems, ICACRS 2025 - Proceedings				960	966	Conference paper
4448	Devi S.K.; Kannan V.K.; Dharshini N.; Thrinath B.V.S.; Sankarganesh R.; Ponmurugan P.	Implementation of SoC Estimation and Charging Method Optimization of Lithium-Ion Battery for Electric Vehicle	2025	Proceedings - 2025 2nd International Conference on Electronic Circuits and Signaling Technologies, ICECST 2025				383	387	Conference paper
4449	Geethanjali N.; Sunitha G.	Spinal Cord Injury Detection and Classification using Siamese Convolutional Neural Network with Adaptive Spider-Tailed Horned Viper Optimization	2025	2025 5th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2025						Conference paper
4450	Rafi N.; Ansari A.Z.; Sambasiva Rao M.; Monikarchana Y.; Shujat F.	A Structural Exploration of Demi-Complementation on ADLs	2025	Contemporary Mathematics (Singapore)	6	5		6541	6552	Article
4451	Shanmuganathan V.; Shanmugapriya J.; Kodati S.; Madhavi T.; Mohanasundaram S.; Dinesh S.	Behavioural Pattern Recognition for Anomaly Detection in IoT Using Random Forest and K-Means Hybrid Model	2025	2nd Asian Conference on Intelligent Technologies, ACOIT 2025						Conference paper
4452	Bhavani G.; Anu D.; Mansour I.M.A.; Bagde S.; Sivakumar J.; Venkatanaresh M.	An Extensive Approach to Detect Apple Fruit Diseases using Neural Convolutional Learning with Classification Principles	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025						Conference paper
4453	Kanchi R.; Daram S.B.; Reddy C.J.	Development of Wind Turbine Blade Pitch Controller Optimization Strategies for Interior permanent magnet Motors in Electric Vehicle Propulsion: Maximizing Average Torque, Minimizing Ripple Torque through Parameter Modification	2025	Lecture Notes in Networks and Systems	1247 LNNS			369	377	Conference paper
4454	Prabhu S.; Mohan K.J.; Mahadevan B.; Nayeem M.; Dinesh T.; Arun V.		2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025						Conference paper

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4455	Nagaraju S.; Johri P.; Putta P.; Kalla D.; Polvanov S.; Patel N.V.	Smart Routing in Urban Wireless Ad Hoc Networks Using Graph Attention Network-Based Decision Models	2025	2025 International Conference on Networks and Cryptology, NETCRYPT 2025				212	216	Conference paper
4456	Ravichand M.; Ganesh D.; Bhavana D.; Pragnavi C.; Lokeshwari B.; Vasavi B.	Hybrid Deep Learning Approach with Bi-LSTM and Bi-GRU for Effective Stock Price Prediction	2025	2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2025						Conference paper
4457	Vinod Kumar T.; Veeramalini J.B.; Praveena H.D.; Krishna Pradeep G.V.; Alagarraja K.; Senthilkumar G.; Sebastian Vindro Jude P.; Rajalakshmi K.; Philip J.M.; Rajaram A.	SMART NANOMATERIALS PARTICLES AND AI OPTIMISATION OF SOLAR-POWERED ELECTROCHEMICAL DEHYDRATION OF WATERBORNE CONTAMINANTS	2025	Oxidation Communications	48	3		1235	1246	Article
4458	Neelima K.; Anisha K.; Kavya Ch.; Somasundar C.; Satyam S.; Geetha P.	Thermal Management in Electrified Transportation: A Comparative Study of Different Powertrain Technologies	2025	SAE Technical Papers						Conference paper
4459	Nennuri R.; Geetha N.; Prakash P.B.; Kedhareswar M.R.; Sunitha G.; Kumar N.M.	Maize Seed Classification Using Convolutional Block Attention Networks	2025	Lecture Notes in Networks and Systems	1229	LNNS		454	461	Conference paper
4460	Kavya M.; Tabassum S.; Narasipuram R.P.; Kumari P.P.; Bharathi M.; Sandhyakumari G.	Machine Learning Driven IoT Enabled Real Time Energy Management Strategies for xEV Charging Systems in DC Microgrids	2025	7th International Conference on Energy, Power and Environment, ICEPE 2025						Conference paper
4461	Sunitha P.; Sailaja V.; Sivakumar G.S.; Vasantha Lakshmi B.; Lavanya V.; Shubha S.	A Modified Inception-V3 Architecture for Monkeypox Detection from Dermatological Images	2025	Lecture Notes in Networks and Systems	1228	LNNS		433	440	Conference paper
4462	Manikandan N.; Thejasree P.	Advanced manufacturing systems and Industry 4.0	2025	Industry 4.0 for Manufacturing Systems: Concepts, Technologies, and Applications				42	53	Book chapter
4463	Naick B.M.; Rani D.L.; Kishore V.V.	On the Use of Bendlets and Fuzzy Sets for Natural, Satellite and Medical Image Fusion	2025	Proceedings of the 4th International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2025				816	821	Conference paper
4464	Achari B.N.; Ramu G.; Harika K.; Ravikanth G.; Dhanalakshmi P.; Prabhakar T.	Enhancing Heart Disease Risk Assessment Through Feature Augmentation and Key Predictors	2025	Lecture Notes in Networks and Systems	1245	LNNS		325	333	Conference paper
4465	Sandhyakumari G.; Bharathi M.; Madhurima V.	Quantum Internet and Its Revolutionary Implications for Modern Electronic Devices	2025	Quantum Computing: the Past, the Present, and the Future				552	565	Book chapter
4466	Bani Ahmad A.Y.A.; Kolachina S.; Rajest S.S.; Singh M.; Mishra A.; Sundar S.S.	Impact of digital HRM on academicians' performance: exploring the mediating role of organisational commitment	2025	International Journal of Intelligent Enterprise	12	1		1	21	Article
4467	Rao B.R.; Chakradhar K.S.; Ganesh D.; Nataraj D.; Rohini C.	Impact of Air Quality and Its Effects on Lungs Health: A novel Hybrid Approach for Quality Assessment	2025	2025 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2025						Conference paper
4468	Yogendra Prasad P.; Ramu M.; Sonta M.; Thunga R.S.; Shaik M.S.; Shaik M.	Ensemble Medical Text Summarization Using PEGASUS And BART	2025	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025						Conference paper
4469	Priyanka S.G.S.; Subbarao G.; Maanasa K.; Saibaba V.; Reddy P.V.; Ganesh D.	Deep Learning and Multi-Sensor Fusion for High-Resolution Crop Yield Forecasting	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				1521	1525	Conference paper
4470	Sundaramoorthy P.; Gari S.S.F.; Nayeem M.; Nandu P.; Mohan K.J.; Arun V.	Advanced Navigation and Payload Systems for Underground Drone Operations	2025	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025						Conference paper
4471	Neeraja P.; Kavyanjali K.; Reddy V.J.; Rohith Y.S.	Smart Conversational Agent for Image Understanding and Response Generation Chatbot System	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2			7853	7859	Conference paper
4472	Babu K.H.; Kiran P.U.; Kumaraswamy I.; Krishna M.R.; Vali S.S.; Vardhan M.Y.	Optimizing Voltage Regulation in Hybrid PV-Wind Power Systems Using a Fuzzy Logic controller and Energy Storage-Integrated DVR	2025	2025 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2025						Conference paper
4473	Teja H.; Sunitha G.	Enhancing Alzheimer's Disease Detection with Brain MRI: A Deep Learning Approach Optimized by Snow Ablation	2025	Proceedings of the 9th International Conference on Inventive Systems and Control, ICISC 2025				614	619	Conference paper
4474	Sathyavedu P.; Rao B.N.K.	Improving Cervical Cancer Recurrence Prediction Through Multi-Source Data Integration and Advanced Deep Learning Approaches	2025	3rd IEEE International Conference on Industrial Electronics: Developments and Applications, ICIDeA 2025						Conference paper
4475	Palei N.N.; Dhar A.K.; Rajangam J.; Prasad P. D.; Sahoo B.M.	Influence of Orange Oil on Skin Permeability, Dermatokinetics, and In Vivo Anti-inflammatory Properties of Lornoxicam-loaded Niosomal Gel	2025	Current Drug Metabolism	26	3		208	223	Article
4476	Vaishnav Reddy Y.V.S.; Ganesh D.	An Extensive Analysis of Deep Learning Techniques for Improving Picture Encryption's Security & Data Embedding Capability	2025	Communications on Applied Nonlinear Analysis	32	15		249	261	Article

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4477	Lokesh G.; Maruthi P.B.; Baseer K.K.	Fault Tolerant Aware Optimal Resource Allocation Scheme for Load Balancing in Cloud System Based on Multi-Objective Constraints	2025	2025 IEEE 2nd International Conference on Information Technology, Electronics and Intelligent Communication Systems, ICITEICS 2025						Conference paper
4478	Reddy A B.; Sujitha C.; Shama E.; Raju B.; Rao D.B.	Real-Time Detection of DDoS in SDN Environments using Self-Attention Mechanisms	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025				283	287	Conference paper
4479	Mohamed N.; Ramana K.; Prathapavarma D.; Prathap S.; Jagatheesan A.; Manasa T.	Role of NOI software in comparing graded motor imagery versus modified constraint induced movement therapy on upper limb function in stroke patients - Feasibility study	2026	AIP Conference Proceedings	3371	1	020022			Conference paper
4480	Singh B.K.; Selvaraj G.; Thirumalaisamy R.; Karuppusamy M.; Palanisamy S.; Ponnusamy P.; Alagarsamy A.; Abbas M.; Kalathil S.; Belay M.	Novel method to correlate acoustic emission and cutting force during machining of aluminium-5052Through ceramic (ZTA) inserts	2026	International Journal of Advanced Manufacturing Technology	143	46178		2973	2985	Article
4481	Vijaya Lakshmi C.; Kumar Y.D.	Deep Transfer Learning-Based Lung Cancer Classification using VGG16 Architecture	2026	International Journal of Advanced Science and Engineering	12	3		6040	6046	Article
4482	Joseph S.E.; Alagesan J.; Suganthirababu P.; Abathsagayam K.; Thomas A.	Systematic engineering of physical activity programs for maternal weight management and neonatal health analysed using SPSS software	2026	AIP Conference Proceedings	3371	1	030019			Conference paper
4483	Samathoti P.; Wal A.; Billah A.A.M.; Srivastav N.; Soni S.	Drug resistance in cancer	2026	Emerging Trends in Cancer Pharmacology: From Molecular Targets to Personalized Medicine				307	325	Book chapter
4484	Mishra N.; Sreedhar Reddy B.V.; Jaswanth B.; Gayathri M.; Kumar B.S.	AI-Enhanced Blockchain-Based Certificate Verification using Hybrid Deep Learning Models	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				1415	1422	Conference paper
4485	Arthy G.; Malathi M.; Sinthia P.; Nagarajan P.; Ashokkumar N.; Thandapani K.	Evaluating the Performance of SVM and Random Forest in Air Quality Monitoring and Prediction	2026	Lecture Notes in Networks and Systems	1644			265	275	Conference paper
4486	Vijayakanth V.; Vinodhini V.; Vijayababu M.; Smitha A.S.S.; Chintagumpala K.; Mohan V.M.; Brahadeeswaran S.; Tamizhselvi R.; Rosaiah P.; Radhalayam D.; Wabaidur S.M.	Different surfactants-engineered CoFe2O4 nanoparticles: A multifunctional platform for magnetic hyperthermia and wastewater purification applications	2026	Inorganic Chemistry Communications	183		115741			Article
4487	Narasimhamu K.L.; Natarajan M.; Thejasree P.; Nitnaware P.T.; Sunheriya N.; Kanan M.	Investigation on sustainable CNC turning of aluminum alloy and development of hybrid optimization	2026	Discover Mechanical Engineering	5	1	51			Article
4488	Yagnika S.; Sravya M.L.; Mokshagna P.; Subramanyam R.V.; Rao C.M.	Enhancing Anaemia Prediction Through Multi-Modal Data Integration and Generative Learning	2026	Proceedings of the 2026 6th International Conference on Image Processing and Capsule Networks, ICIPCN 2026				1230	1235	Conference paper
4489	Ashokkumar N.	Deep learning for smart home security systems	2026	International Journal of Medical Engineering and Informatics	18	2		162	175	Article
4490	Prabhu M.M.; Srinivasa H.; Prudvi Kumar R.N.S.; Madasamy A.K.	Advancing legal question answering: multi-level summarization, unsupervised methods and beyond	2026	International Journal of Computers and Applications	48	1		60	74	Article
4491	Rajput A.; Kumawat R.; Srinivasulu A.; Sharma J.	Robust and compact reversible logic gate for low-power and high-performance computing	2026	Scientific Reports	16	1	154			Article
4492	Vijayakumar A.; Stonier A.A.; Peter G.; Vignesh E.; Ganji V.	Machine learning based model predictive control for grid connected enhanced switched capacitor cross-connected switched multi-level inverter (ESC3SMLI)	2026	IET Power Electronics	19	1	e12546			Article
4493	Subramanian L.S.; Palanisamy S.; Karuppusamy M.; Azeez A.; Ali S.K.; Kalathil S.; Abbas M.; Alfarraj S.A.; Alharbi S.A.	Eco-Friendly Hybrid Epoxy Composites Reinforced with Snake Grass Fiber and Dual Agro-Waste Fillers for Enhanced Mechanical and Acoustic Performance	2026	BioResources	21	2		3622	3649	Article
4494	Shubha J.P.; Sushma N.V.; Keservani R.K.; Yadav L.; Dogiparthi L.K.; Singh A.K.; Bhise M.R.; Ojha A.; Patel V.K.	Novel Cardioprotective Properties of Asparagus racemosus (Shatavari)	2026	Health Benefits of Asparagus racemosus (Shatavari): A Comprehensive Guide to the Medicinal and Nutritional Potential of Shatavari				363	370	Book chapter
4495	Amin M.M.; Nallamothu R.B.; Ancha V.R.; Alemayehu G.	Extraction, Process Optimization, and Characterization of Aloe weloensis Oil (AWO) Using Box–Behnken Design (BBD) and FTIR Analysis	2026	Journal of Engineering (United Kingdom)	2026	1	8880521			Article
4496	Yogendra Prasad P.; Anneboina V.; Ramu M.; Gedi V.D.P.; Ravi Theja A.; Molagavelli F.	Dynamic frame capture and visual notes synthesis via deep learning-driven temporal content detection	2026	AIP Conference Proceedings	3371	1	040015			Conference paper
4497	Maheswari R.U.; Avanija J.	Geometric Augmentation-Enhanced Dense-TNT Network for Vehicle Type Detection in High-Resolution Remote Sensing Images	2026	Ingenierie des Systemes d'Information	31	1		9	20	Article
4498	Komala C.R.; Varalatchoumy M.; Jadagerimath A.N.; Prakash S.; Praveena H.D.; Venkatamuni T.	Wireless Sensor Networks for Real-Time Health Monitoring of Electric Powertrains	2026	International Journal of Vehicle Structures and Systems	18	1		153	157	Article

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4499	Mohanalakshmi S.; Kumar C.K.A.; Jayaraman R.; Pooja M.	Retraction note: Anti-diabetic, lipid lowering and antioxidant potential of Girardinia heterophylla in high fat diet and streptozotocin induced diabetic rats (Oriental Pharmacy and Experimental Medicine, (2015), 15, 4, (287-295), 10.1007/s13596-015-0196-4)	2026	Advances in Traditional Medicine						Erratum
4500	Kasarapu R.; Yogendra Prasad P.; Jyothi Babu A.; Yamini A.; Kumar D.L.; Mahathy G.; Power C.T.	Personalized alternative medicine recommendations using deep learning	2026	AIP Conference Proceedings	3371	1	040024			Conference paper
4501	Reddy N.M.; Krishnan G.H.	Reliability-Aware Hybrid Fusion of CT and MRI with Evidence-Consistent Edge Preservation	2026	SSRG International Journal of Electronics and Communication Engineering	13	3		154	162	Article
4502	Das D.; Dutta R.; Rao V.S.; Mathur R.; Prasanth P.V.	Integrating the Foundations of Machine Learning in Nanotechnology: An Innovative Framework	2026	Lecture Notes in Networks and Systems	1452 LNNS			359	368	Conference paper
4503	Babu S.D.; Rao Y.V.; Mounika U.; Reddy S.H.; Reddy D.J.	An Adaptive Dynamic Anomaly Detection Model for Internet of Medical Things	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				887	892	Conference paper
4504	Dhivya G.S.; Kumaresan A.; Manikandan M.; Vishnuram S.; Sagar S.S.S.; Jagatheesan A.	Effectiveness of motor cognitive dual task training on improving balance, executive function and attention using wearable sensors among older adults	2026	AIP Conference Proceedings	3371	1	020024			Conference paper
4505	Kumar S.M.; Kumar D.S.; Murugan M.A.; El-Ebiary Y.A.B.; Sachuthananthan B.; Nagabhooshanam N.; Murthy A.S.S.M.S.R.; Das P.	Role of biomass-extracted natural fiber and copper oxide/nickel oxide nanoparticle-reinforced vinyl ester composite and its characterization study	2026	Journal of Thermal Analysis and Calorimetry	151	7		5571	5583	Article
4506	Shaik S.; Venkatesh P.; Parimalasundar E.	A High-Gain Multi-Input DC-DC Converter and Modified Fifteen-Level Inverter for PV-Based Grid and EV Charging Applications	2026	SSRG International Journal of Electrical and Electronics Engineering	13	3		152	168	Article
4507	Gupta B.; Namireddy V.; Quraishi A.; Yasmine Begum A.; Brahma Rao K.B.V.; Sundaram A.; Smerat A.	Adaptive Resource Scheduling for Digital Twin-Based 6G Communication on Intelligent Computing-Integrated Network	2026	IEEE Communications Standards Magazine						Article
4508	Subhashchandrabose N.; Kumaraswamy I.	Switched Capacitor Boost Inverter with POD PWM Technique	2026	Communications in Computer and Information Science	2613 CCIS			207	218	Conference paper
4509	Reddy Madhavi K.; Yalavarthi S.; Inaganti R.; Venkata Prasad M.; Navanath M.; Lavanya M.; Murali Krishna M.	Early Prediction of Vitamin Deficiency Utilizing Ensemble Model with MobileNet and NASNet Architectures	2026	Lecture Notes in Networks and Systems	1565 LNNS			183	192	Conference paper
4510	Tadepalli S.; Palanisamy S.; Murugesan T.M.; Santulli C.; Palaniappan M.; Shanmugan S.	Phytogenic production of ag–in ₂ O ₃ –Aloe Vera extract Nanofluids for highly efficient solar evaporation and water purification via a simple construction approach	2026	Separation and Purification Technology	395		137222			Article
4511	Akuthota K.; Anchuri S.; Deekshitha Y.; Naidu R.P.K.; Balaji B.; Reddy A.B.	Advanced Machine Learning for CAPTCHA Recognition: Evaluating the Efficacy of FlowCap-Net	2026	Lecture Notes in Networks and Systems	1736 LNNS			104	116	Conference paper
4512	Srikanth V.; Senthil Kumar N.; Sagar S.S.S.; Ramadass A.; Alagesan J.; Rathod V.	Noterro software role in advanced movement therapy in down syndrome	2026	AIP Conference Proceedings	3371	1	020013			Conference paper
4513	Hafeeza Taj M.; Monisha T.; Reddy K.M.; Saketh Reddy V.; Reddy Madhavi K.; Patel A.	Prevention of Human Trafficking by Detecting Fraud Online Jobs Using Machine Learning	2026	Lecture Notes in Networks and Systems	1357 LNNS			479	490	Conference paper
4514	Nagarajan P.; Ashok Kumar N.; Bharathi.m; Krishnan R.; Thandapani K.; Malathi.m	AI-Enhanced Hybrid ARIMA Framework for Intelligent Blood Glucose Prediction and Visualization in Smart Electronic Health Systems	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				393	398	Conference paper
4515	Arun V.; Stonier A.A.; Peter G.; Iderus S.	A quadratic voltage boost switched capacitor inverter (QVBSCI) with single voltage source	2026	Computers and Electrical Engineering	130		110856			Article
4516	Patel K.; Sarathamani T.; Kothandasamy K.; Sethy P.K.; Behera S.K.; Nanthaamornphong A.	Computational Approaches to Neurological Disorder Diagnosis: An In-Depth Review of Current Methods and Future Prospects	2026	Current Medical Imaging	22					Review
4517	Geethanjali N.; Sunitha G.	Spinal Cord Segmentation and Injury Detection based on Siamese Conventional WideRes Network using CT Image	2026	European Spine Journal	35	3		1431	1452	Article
4518	Ganesh D.; Sunil Kumar M.; Latish M.; Ismail Zabeeullah B.M.; Vinay Kumar S.A.; Tejaswini M.	Multi-Phase Quantum-Safe SCADA Security Framework for Renewable Systems Cyber-Physical Infrastructure	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				772	778	Conference paper
4519	Shaik A.K.; Shuaib Y.M.; Arun V.; Jammy R.R.	A high-performance 9-level multilevel inverter using switched capacitors with enhanced voltage boost	2026	Engineering Research Express	8	6	065319			Article
4520	Jyothsna V.; Pasupuleti M.; Pappireddy G.R.; Palapati D.K.R.; Palthe R.N.; Srilakshmi K.	A comprehensive hybrid deep learning approach for effective intrusion detection in automotive ethernet systems	2026	AIP Conference Proceedings	3371	1	020006			Conference paper
4521	Rajprasad J.; Arunvivek G.K.; Kumar P.; Santhosh G.; Gogineni A.; Sembeta R.Y.	Interface improvement and multiscale assessment of recycled concrete aggregates with epoxy resin polymer	2026	Scientific Reports	16	1	3697			Article
4522	Sudhakar P.; Kumaraswamy I.	AI-Driven Sustainable Energy Management for Electric Vehicles with PV Integration Using Quadboost Active Clamp Converter	2026	Iranian Journal of Science and Technology - Transactions of Electrical Engineering						Article

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4523	Arithra A.; Prathap S.; Monika Priya I.; Manas Chakravarthy K.; Prasad V.; Yugandhar P.	Effects of closed kinematic chain exercise and open kinematic chain exercise along with balance disc and smartphone inclinometer applications to improve proprioception and mobility in diabetic peripheral neuropathy patients - A feasibility study	2026	AIP Conference Proceedings	3371	1	020021			Conference paper
4524	Singiri S.; Sunil Kumar M.; Yethish Y.; Neelima P.; Ganesh D.; Sushama C.	Building a Custom Chatbot for the Educational Domain	2026	Smart Innovation, Systems and Technologies	117 SIST			71	79	Conference paper
4525	Lakshmi S.S.; Saravan Kumar J.; Vijayamurugan E.; Gopal K.; Devi T.P.; Jagatheesan A.	Utilizing AdvanceMD software to evaluate the effectiveness of autogenic drainage for clearing mucus in bronchiectasis subjects	2026	AIP Conference Proceedings	3371	1	020015			Conference paper
4526	Vijayakumar A.; Stonier A.A.; Peter G.; Ganji V.	Dual source novel nine level inverter (DSN2LI) design with minimum active devices and inherent polarity generation	2026	IET Power Electronics	19	1	e12533			Article
4527	Sai A.N.; Sakthivel M.; Arunvivek G.K.; Kumar P.; Dharmaraj R.; Sembeta R.Y.	Mechanical and durability assessment of marble dust–fiber concrete supported by ML prediction	2026	Scientific Reports	16	1	10106			Article
4528	Shafiq M.; Sridevi S.; Avula B.R.; Ahamed S.K.	Local Neighbour Spider Monkey Optimization-Based Resource Allocation in Cloud Computing Environment	2026	Journal of Circuits, Systems and Computers	35	8	2550490			Article
4529	Lakshmi C.V.; Aravapalli A.; Venkatadri K.; Öztop H.F.	Artificial Neural Network-Based Parameter Estimation in Lattice Boltzmann Simulations of MHD Nanofluid Natural Convection with Oscillating Wall Temperature	2026	Computers and Mathematics with Applications	205			40	62	Article
4530	Krishna K.H.; Reddy A.S.C.; Priya C.M.; Tejesh C.; Srinivas A.R.; Rajesh G.	Vision-Driven Dynamic Traffic Light System for Smart Cities using Edge AI	2026	Proceedings of the 2026 6th International Conference on Image Processing and Capsule Networks, ICIPCN 2026				1193	1199	Conference paper
4531	Bhasha P.; Sameera S.K.; Charan Raj P.; Sai Kumar Reddy P.; Ujwal T.; Noor M.Y.	Garbage classifier through AlexNet architecture	2026	AIP Conference Proceedings	3371	1	030005			Conference paper
4532	Jyothsna V.; Javeed S.; Reddy G.D.; Meghana K.; Venu G.M.; Mourya Teja K.	Deep learning-based intrusion detection framework for robust cyber security in smart agricultural systems	2026	AIP Conference Proceedings	3371	1	020008			Conference paper
4533	Sandhya E.; Silpa C.; Mohan C.R.; Nirmala K.; Krishna Kumar N.; Pydala B.	Analyzing and comparing the performance of ML algorithms using bankruptcy dataset	2026	AIP Conference Proceedings	3371	1	040002			Conference paper
4534	Saranya T.S.; Soloman S.M.; Gupta S.K.; Yucel S.; Yucel R.	The Impact of Trauma on Sleep Quality: Examining the Role of Nightmares in Cognitive Impairment	2026	Annals of Neurosciences						Article
4535	Srujan Raju K.; Sankar A.S.S.; Suryanarayana C.; Kannan K.S.; Reddy Madhavi K.; Narendra Kumar Rao B.	Predictive Analytics for Employee Retention Using Random Forest Approach	2026	Lecture Notes in Networks and Systems	1357 LNNS			491	502	Conference paper
4536	Amudala A.; Moni M.K.; Akuthota K.; Malchi S.K.; Davanam G.; Neelima P.	Journey Craft: A Next-Gen Travel and Tourism Management System	2026	Smart Innovation, Systems and Technologies	117 SIST			135	143	Conference paper
4537	Saranya T.S.; Yucel S.; Balaji S.S.; Naila P.; Sarkar K.; Mathew N.S.; Laishram L.; Gupta S.K.; Jha M.; Yucel R.	Cultural resonance in the brain: EEG-Based insights into emotional engagement with festive imagery	2026	Multidisciplinary Science Journal	8	5	e2026305			Article
4538	Kiran Kumar P.; Suresh Babu J.; Yarabolu S.N.; Sriharsha A.V.; Sunil Kumar M.; Ganesh D.; Nirmala K.	Leveraging AI for Personalized Learning: An Optimization-Based Approach	2026	Lecture Notes in Electrical Engineering	1528 LNEE			245	251	Conference paper
4539	Sridhar C.N.; Subramani T.; Raj M.R.H.; Karunanidhi D.	A GIS-machine learning framework for groundwater quality and agricultural sustainability analysis in the Pambar River basin, South India	2026	Journal of Water Process Engineering	87		109940			Article
4540	Manikandan S.; Abinaya D.; Aathish S.; Loganathan A.; Nagendran M.; Praveen T.	Integrated Multifunctional Onboard Charger with Low-Voltage DC-DC Conversion and Solar Roof Interface for Electric Vehicles	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				193	200	Conference paper
4541	Deena Divya Nayomi B.; Jyothsna V.	STARLoc: A Graph-Attention Federated Localization Framework for Resilient Real-Time Vehicle Positioning	2026	International Journal of Intelligent Engineering and Systems	19	2		70	82	Article
4542	Venkat A.; Senthil Kumar N.; Rathod V.; Alagesan J.; Sharmila B.; Veenakirthika S.	Quantifying trunk control improvements in spastic diplegic cerebral palsy: A Kinovea-software based analysis	2026	AIP Conference Proceedings	3371	1	040012			Conference paper
4543	Dilli Babu S.; Nadhamuni Reddy C.; Gayatri E.; Yarabolu S.N.; Sriharsha A.V.; Sunil Kumar M.; Ganesh D.; Nirmala K.	Mathematical Modeling of Student Performance Prediction Using Machine Learning Techniques	2026	Lecture Notes in Electrical Engineering	1528 LNEE			237	244	Conference paper
4544	Vattem J.; Veeramani G.; Varalaxmi S.	Correlation Between Serum Vitamin B12 Levels and Neuropathic Pain Severity in Patients with Type 2 Diabetes Mellitus: A Cross-Sectional Study	2026	International Journal of Drug Delivery Technology	16	12		37	43	Article
4545	Uppu.vineeth; Gowtham K.; Kumar Y.S.; Akash P.; Kumar N.A.; Basha S.J.	Smart Roadways: Dynamic charging of Electric Vehicles & IoT based Billing	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				816	822	Conference paper
4546	Anis S.; Sukarni S.; Azeez A.; Siswantara A.I.; Maulana S.; Fitriyana D.F.; Kusumastuti A.; Siregar J.P.; Palanisamy S.; Alagarsamy A.; Abbas M.; Kalathil S.; Belay M.	Thermogravimetric and physicochemical characterization of waste tire–coconut shell blends as potential renewable energy feedstock	2026	RSC Sustainability	4	1		537	550	Article

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4547	Kalaivanan K.; Karunanidhi D.; Marghade D.; Raj M.R.H.; Subramani T.	Hydrogeochemical evaluations of fluoride rich groundwater and associated health risks in the hard rock region of Karur district, Southern India: Implications from seasonality effects	2026	Environmental Geochemistry and Health	48	6	245			Article
4548	Sodhi G.S.; Tat S.A.; Maurya V.; Aruna G.; Muthukumar P.	Investigation of hybrid battery thermal management system employing fins and phase change material	2026	Applied Thermal Engineering	292		130263			Article
4549	Subramanyam P.; Krishnan G.H.	Handcrafted-Guided, Bias-Aware Cross-Attention for Token-Level Pre-Pooling Fusion in Breast Histopathology	2026	SSRG International Journal of Electronics and Communication Engineering	13	3		185	192	Article
4550	Rajaraman D.; Sonadevi S.; Dhandapani A.; Jaganathan R.; Nagaraj K.; Raja K.	Synthesis, DFT studies, and multi-target in silico evaluation of a piperidine-based sulfonohydrazide derivative against SARS-CoV-2, including toxicity analysis	2026	Drug and Chemical Toxicology						Article
4551	Prasad P.; Rao C.M.	Automated Acute Lymphoblastic Leukemia Detection from Blood Smear Images Using an Enhanced VGG-Based Hybrid Architecture and Novel K-Means Segmentation	2026	Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications	17	1		630	647	Article
4552	Jaichandar S.; Samuelraj D.; Yogaraj D.	Optimizing the injector nozzle geometry to improve biodiesel-fueled CI engine's performance: An experimental approach	2026	Environmental Progress and Sustainable Energy	45	1	e70111			Article
4553	Nagaraj K.; Raja K.; Gokulan R.; Nakshatra U.; Abhirami J.; Selvaraj S.; Sam S.; Lithesh M.B.; Preetham M.; Varshini C.; Paramasivam S.; Narayanan S.; Harish B.	State-of-the-Art Oxidation Mechanisms of Sulfur-Containing Amino Acids: Insights into Redox Chemistry, Metal-Ion Catalysis, and Biomedical Implications	2026	Topics in Catalysis	69	46082		319	335	Review
4554	Bagyalakshmi S.; Sivakami A.; Deeptha R.; Manikandan G.; Sukumar T.; Srinivasulu S.	MOF–Metal hydride composite materials for hydrogen storage: A comprehensive review	2026	Journal of Alloys and Compounds	1060		187192			Review
4555	Rao M.V.N.; Satyanarayana T.V.V.; Aravinda Babu T.; Reddy K.V.V.; Reddy D.V.	Frequency Domain and Cross-Frame Connections for Multi-Object Tracking of Small Targets in Satellite Imagery	2026	Transactions on Emerging Telecommunications Technologies	37	2	e70355			Article
4556	Pydala B.; Bhumireddy C.R.; Lanka P.S.; Kolli P.S.; Bobba M.K.; Pavan Kumar T.	Aqua detect: A YOLO-based enhanced model for marine fish detection	2026	AIP Conference Proceedings	3371	1	040017			Conference paper
4557	Yogendra Prasad P.; Sathyabalaji C.; Ramu M.; Morla A.; Kurapati A.V.; Thanuja Reddy S.	Write assist: Accessible handwriting learning for the visually impaired	2026	AIP Conference Proceedings	3371	1	040014			Conference paper
4558	Sharma A.; Mishra V.P.; Praveena H.D.; Selvakumar V.; Singh M.; Haripriya V.	Innovative Mechanism for Smart Agriculture with Identification of UAV-Aided Spray Areas	2026	Journal of Internet Services and Information Security	16	1		111	126	Article
4559	Tadepalli S.; Palanisamy S.; Eswarlal T.; Santulli C.; Palaniappan M.; Shanmugan S.	Thermal wave dynamics and FRET-enhanced energy regeneration in LaTiO ₃ /TiO ₂ hybrid nanofluid derived from Borassus flabellifer for high-efficiency floating–tilted Wick solar water purification	2026	Separation and Purification Technology	394		137562			Article
4560	Yogendra Prasad P.; Ramu M.; Gaddam A.; Baratam A.; Konduru L.P.; Ediga S.	Predicting optimal delivery methods of maternal and fetal health	2026	AIP Conference Proceedings	3371	1	030010			Conference paper
4561	Nivasini G.; Ramalingam V.; Likitha G.R.; Manickavasagam I.; Misra A.; Kaladharan V.N.	Effect of video based versus conventional plyometric training among basket ball players - A pilot study	2026	AIP Conference Proceedings	3371	1	030012			Conference paper
4562	Sunitha G.; Basi Reddy A.; Harshitha G.P.; Likitha M.; Rani K.U.; Reddy M.D.K.	A GAN-Augmented Multi-Scale Feature Fusion Framework for Explainable Crop Disease Detection	2026	Proceedings of the 2026 6th International Conference on Image Processing and Capsule Networks, ICIPCN 2026				1282	1289	Conference paper
4563	Matimpati C.R.; Kasarapu R.	Disease prediction from summarization of medical documents through large language models	2026	AIP Conference Proceedings	3371	1	030008			Conference paper
4564	Saladi S.; Mohan C.R.; Jugunta S.B.; Saritha D.; Sunil Kumar M.; Ganesh D.	Smart and Effective Real-Time Management of Street Parking	2026	Smart Innovation, Systems and Technologies	117 SIST			101	108	Conference paper
4565	Kandi K.K.; Sanipina A.D.; Pragna V.; Prakash P.; Mylavarapu A.; Suresh B.V.; Rajesh K.	Comparative Evaluation of Severe Plastic Deformation Routes on Microstructure, Hardness, and Wear Behavior of AA2014 Aluminum Alloy	2026	Journal of The Institution of Engineers (India): Series D						Article
4566	Ubbala V.R.; Kampati S.K.; Ponnamp S.; Sandeep Babu S.; Ramesh Babu C.; Salvakkam D.B.	Enhancing Video Emotion Recognition Through Novel CNN Architectures and Temporal Relation Extraction	2026	Smart Innovation, Systems and Technologies	117 SIST			207	214	Conference paper
4567	Supreeta; Gupta S.K.; Saranya T.S.	A systematic review on the effect of empowerment among women of marginalized section through SHGs	2026	Multidisciplinary Reviews	9	10	e2026502			Review
4568	Kumar A.S.; Luqman L.S.M.; Haroon S.M.; Eswara Reddy C.V.; Babu S.D.	Trust-Aware Lightweight Blockchain Framework for Attack-Resilient IoT Access Control	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				1649	1654	Conference paper
4569	Alrasheedi N.H.; Sivasubramanian P.; Karuppusamy M.; Haldar B.; Durairaj T.K.	Hybrid Bio-Composites Reinforced with Kenaf and Snake Grass Fibers and Neem Gum: Synergistic Effects and Role of Fiber Aspect Ratio	2026	BioResources	21	1		459	481	Article
4570	Kesavan S.; Marichamy M.; Pandian N.; Panneerselvam S.; Nagarajan A.; Mohamed J.D.K.	Integrating Ant Colony Optimization with Deep Learning Models for Improved Lung Cancer Diagnosis and Prognosis	2026	Asian Pacific Journal of Cancer Prevention	27	1		129	139	Article

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4571	Thrinath B.V.S.; Mahitha Y.; Sudharsansairam P.; Rahid S.; Boyinasetty V.B.; Prabhakar S.	Performance Analysis of 12/8 Switched Reluctance Motor with Different Flux Barrier Rotor Designs for Electric Vehicle Applications	2026	2026 International Conference on Electric Power and Renewable Energy, EPREC 2026						Conference paper
4572	Depuru S.; Jayachandra Reddy P.; Sirisala S.; Amala K.; Basi Reddy A.; Vinod P.	Federated Meta-Learning and Explainable AI for Hybrid Multimodal Emotion Recognition	2026	Lecture Notes in Networks and Systems	1772	LNNS		231	242	Conference paper
4573	Kumar B.H.; K V.S.P.; Rahul J.R.; Kumar B.S.; C D.; Kamwa I.	Fault-tolerant behaviour of a reliable single-phase flying capacitor hybrid five-level inverter	2026	Energy Reports	15		109272			Article
4574	Ganesan V.; Chohan J.S.; Duttaluru G.; Anil Kumar V.; Lokesh Sai S.; Harsha Vardhan Reddy B.	Statistical Modelling and Mechanical Behaviour of Biochar-Reinforced Hybrid Composites: A Response Surface Approach	2026	EPJ Web of Conferences	355		05007			Conference paper
4575	Khan P.F.; Reddy K.S.L.; Deepak K.S.; Vardhini M.; Lohithaksh K.; Kumar A.H.	Enhanced Question Answering via Multi-Stage Search, AI Re-Ranking and Adaptive Queries	2026	7th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2026				1419	1424	Conference paper
4576	Ravichandran T.; Suganthirababu P.; Kandakurti P.K.; Kandasamy G.; Rathod V.; Alagesan J.	A study to analyze the effectiveness of dual-task training with virtual reality in chronic stroke patients for improving balance, gait, and cognition: A pilot study	2026	AIP Conference Proceedings	3371	1	040005			Conference paper
4577	Mageshwaran V.; Osarenkhoe O.O.; Tosin L.O.; Akash K.; Arutselvan R.; Nadana G.R.V.; Palanisamy S.	Lignocellulosic Resources and Potential for Its Application in Biohydrogen and Platform Chemicals	2026	Lignocellulosic Biomass to Biohydrogen: A Circular Economy and Sustainable Approach to Decarbonization				381	429	Book chapter
4578	Addepalli T.; Vidyavathi T.; Sudhakar M.; Chakradhar K.S.; Srinubabu M.; Medasani S.; badugu P.; Al-Gburi A.J.A.	A Novel Single-Element High-Directive-Gain Dual-Band Antenna for 5G mm-Wave 28/38 GHz Applications	2026	Journal of Infrared, Millimeter, and Terahertz Waves	47	3	13			Article
4579	Ganesan V.; Chohan J.S.; Anil Kumar V.; Lokesh Sai S.; Harsha Vardhan Reddy B.; Sanjeevi S.	Flame retardant and Moisture Adsorption Behaviour of Kenaf/Flax/Coconut-Shell Biochar Based Hybrid Composites	2026	EPJ Web of Conferences	355		02008			Conference paper
4580	Satish Kumar D.; Lakshmaiya N.; Rao P.U.M.; Velmurugan G.; Maranan R.	Synergistic enhancement of jute fiber epoxy composites using hybrid nano-silica and graphene for structural and thermal stability	2026	Results in Engineering	29		108603			Article
4581	Reddy K.V.B.; Pragna V.; Mylavarapu A.; Prakash P.; Sanipina A.D.; Shireesha Y.; Rajesh K.	Role of Mo Weight Fraction on Microstructure Refinement and Wear Mechanisms in Friction Stir Processed AA7075	2026	Journal of The Institution of Engineers (India): Series D						Article
4582	Reddy P.M.; Choudhary J.S.; Limtinaro; Maiti C.S.	INVASIVE LONGHORN BEETLE, ARISTOBIA RETICULATOR (VOET) (COLEOPTERA: CERAMBYCIDAE): A MAJOR THREAT TO LITCHI TREES IN NAGALAND	2026	Indian Journal of Entomology	88	1	e25746	193	196	Article
4583	Sujeeth T.; Gutam B.G.; Reddy D.S.; Reddy G.S.; Venkateswarlu M.; Ganesh D.	Functional Architecture for Information Exchange in Scalable Quantum Computing	2026	Smart Innovation, Systems and Technologies	117	SIST		51	58	Conference paper
4584	Ramkumar Raja M.; Hari Krishnan G.; Mohammad A.; Cheerla S.	Dual temporal gated multi-graph convolution network based neurodegenerative disease detection and severity prediction	2026	Biomedical Signal Processing and Control	112		108566			Article
4585	Sravani B.; Kumar M.S.	A Hybrid Deep Ensemble Model for Precise Liver and Tumor Segmentation Using U-Net and W-Net Architectures	2026	Journal of Electronics, Electromedical Engineering, and Medical Informatics	8	2		553	571	Article
4586	Subhashchandrabose N.; Kumaraswamy I.	A novel 9-level fourfold-boost switched capacitor inverter (N9L-FBSCI) configuration utilizing fewer components and optimized active switches	2026	International Journal of Applied Power Engineering	15	1		132	140	Article
4587	Chowdam V.S.; Naresh M.V.; Kumar G.G.	Energy-Efficient 8-Bit Approximate Multipliers Design and Analysis for Error-Resilient Applications	2026	Circuits, Systems, and Signal Processing	45	4		2948	2967	Article
4588	Sarveswara Reddy S.; Niharika D.; Kiran M.U.; Prakash P.	Strength characterization and microstructure of untreated and cryo treated CrMoV low alloy steel	2026	EPJ Web of Conferences	345		01002			Conference paper
4589	Kusuma S.; Kiran Kumar M.; Padmanabha Reddy Y.C.A.; Usha R.; Pavan Kumar N.	Multi-layer Perceptron Optimization Using Immune-inspired Genetic Algorithm for Meningitis Diagnosis	2026	International Research Journal of Multidisciplinary Scope	7	2		342	353	Article
4590	Periysamy M.; V P.K.; A T.; Selvaraj D.; Talapa Reddy S.K.; K N.	Experimental investigation on mechanical and durability characteristics of metakaolin-based fibre reinforced concrete	2026	Australian Journal of Structural Engineering						Article
4591	A V.; J A.	Retraction Note: Hybrid deep learning framework for cardiovascular disease diagnosis and prognosis using GAN, LSTM, GRU, VARMA, and deep DynaQ network	2026	Scientific reports	16	1				Erratum
4592	Sachuthananthan B.; Vinoth R.; Kesava H.; Kantasai Y.J.M.; Malik P.; Srinivas U.N.	Utilization of Pyrolysis Oil Derived From Waste Plastic in a Direct Injection Diesel Engine Featuring Modified Piston Bowl	2026	AIP Conference Proceedings	3385	1	020015			Conference paper
4593	Reddy K.V.; Gudala S.; Thota R.; Kumar P L.; Raj D.; Ganugapenta R.	Predictive modelling of compressive strength in silicon nitride-reinforced aluminium composites using supervised machine learning: A comparative study of random forest and artificial neural networks	2026	EPJ Web of Conferences	345		01047			Conference paper

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4594	Vadlana B.; Gottimukkula P.; Davanam G.; Vunnam D.; Akshith G.S.; Maisagalla R.K.	AI Driven Meme Generation from Text to Image and Image to Text	2026	Lecture Notes in Electrical Engineering	1528 LNEE			83	90	Conference paper
4595	Kaliyaperumal R.; Nagaraj K.; Wadaan M.A.; Poovan V.K.; Ghodake G.S.; Badgujar N.P.; Kumaravel T.	Development and Antimicrobial Evaluation of Tin Oxide (SnO2) Nanoparticles Stabilized with Corn Cob Ash Extract for Biomedical Applications	2026	Biomedical Materials and Devices	4	2		2379	2388	Article
4596	Sushama C.; Rohith G.; Koushik K.; Yaswin K.S.	Secure Cloud Data Outsourcing with Privacy-Preserving Keyword Search and Access Control	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				1601	1607	Conference paper
4597	Murugan R.D.; Sivakumar N.; Tarakaramu N.; Sarhan N.; Awwad E.M.	Mixed convection hybrid nanofluid flow over a rotating cone in a rotating fluid environment with interfacial nanolayer effect	2026	Numerical Heat Transfer, Part B: Fundamentals	87	1	2364779			Article
4598	Periasamy S.; Darshan D.G.R.; Varnika K.V.; Gangothri B.L.; Teja L.P.	A SIDNet-XGBoost: A Hybrid Deep Learning Framework for Accurate SQL Injection Detection	2026	Proceedings of the 5th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2026				1071	1077	Conference paper
4599	Pydala B.; Challa P.; Sai Dinesh D.; Prashanth Reddy J.; Babi Reddy C.; Baseer K.K.	LoRa-based disaster response network for emergency communication	2026	AIP Conference Proceedings	3371	1	040019			Conference paper
4600	Sahu S.K.; Ota M.; Bishi B.K.	Accelerating barotropic fluid cosmological model in gravity	2026	Theoretical and Mathematical Physics (Russian Federation)	226	3		546	558	Article
4601	Avanija J.; Harshini N.; Harsha Sree R.; Vasu M.; Pavan Kalyan E.; Balaji V.; Goundar S.	Image Captioning Using ViT and BERT Models	2026	Lecture Notes in Networks and Systems	1357 LNNS			27	36	Conference paper
4602	Jansi S.; Reddy Singasani T.; Kale S.K.; Krishna P.S.; Reddy P.V.; Ganesh D.	An Intelligent IoT-Deep Learning Framework for Real-Time Capacity Monitoring and Passenger Demand Forecasting	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				796	800	Conference paper
4603	Kumar B.J.; Tarakaramu N.	Heat generation effect on 3D MHD flow of Casson fluid via stretching/shrinking surface with velocity slip Condition	2026	Partial Differential Equations in Applied Mathematics	17		101343			Article
4604	Deepan Kumar S.; Palaniselvam S.K.; Ashokkumar D.; Krishnamoorthy R.; Mahendran M.; Pasupuleti T.; Dhayanithi G.; Boopalan L.	Optimized Design, Analysis, and Validation of a Tractor Muffler for Enhanced Back-Pressure Control and Cost Efficiency	2026	SAE Technical Papers						Conference paper
4605	Vijayakumar A.; Stonier A.A.; Peter G.; Loganathan A.K.; Ganji V.	Power quality enhancement in asymmetrical cascaded multilevel inverter using modified carrier level shifted pulse width modulation approach	2026	IET Power Electronics	19	1	PEL212429			Article
4606	Swathi B.; Sudarsana Murthy D.; Reddy M.L.A.; Shankar A.G.; Satyam Y.; Reddy Madhavi K.	Stock Market Forecast with a Hybrid Model with Genetic Algorithms Assistance	2026	Lecture Notes in Networks and Systems	1357 LNNS			503	513	Conference paper
4607	Kumari M.; Saravan Kumar J.; Angeline Yehudhiya R.S.; Anitha A.; Jagatheesan A.; Prathap S.	Optimizing asthma management in adults: Comparing slow and fast deep breathing techniques using AsthmaMD software	2026	AIP Conference Proceedings	3371	1	020016			Conference paper
4608	MariyaDas G.; Naidu B.V.V.	Shot Peening Effects on the Surface and Structural Characterization, Fatigue Performance and Tribological Behavior of Additive Manufactured Stainless Steel 316L Features	2026	Journal of Materials Engineering and Performance	35	15		14955	14974	Article
4609	Basamma S.; Prasanth P.V.	Enhanced ion diffusion and redox kinetics in NiCo2O4/MWCNT supercapacitor electrodes via sol–gel method	2026	Journal of Materials Science: Materials in Electronics	37	9	602			Article
4610	Reddy D.S.; Nandini M.; Kumar J.N.; Gutam B.G.; Prameela T.; Dillibabu S.	Deep Learning Based Early Detection of Pneumonia Using Medical Imaging	2026	7th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2026				1114	1120	Conference paper
4611	Jyothi V.; Vaishnavi P.; Sai Shreyes P.; Sumanth Kumar Reddy S.; Leela M.	IoT Enabled Smart Irrigation IR based Field Security and Cloud Integrated Data Management for Sustainable Agriculture	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				428	434	Conference paper
4612	Perugu P.; Chavan M.; Geetha K.; Pandiri J.; D A.; S V.	Data-driven Approaches based on Cross-scale Dense Convolutional Network for Detecting Climate Change Effects on Crop Yield and Farming Patterns	2026	International Journal of Intelligent Engineering and Systems	19	3		777	796	Article
4613	Kadiri P.; Alagarsamy M.; Kavitha M.; Selvaraj V.; Kuppusamy S.; Valarmathi P.; Narayanan S.	Evaluating convolutional neural networks and machine learning algorithms for accurate landslide detection from satellite data	2026	Automatika	67	1		1	16	Article
4614	Narasimha Reddy L.; Kadiri P.	RSXBoost: A Hybrid Approach to Crop Yield Forecasting with Literature Insights and Simulation Results	2026	Cognitive Science and Technology	Part F1266			591	599	Book chapter
4615	Siva K.N.V.; Reddy D.; Murthy P.K.; Pulamololu K.K.; Dharani M.; Venkatakrishnamoorthy T.	Robust Sensor—Less PR Controller Design for 15-PUC Multilevel Inverter Topology with Low Voltage Stress for Renewable Energy Applications	2026	Energy Engineering: Journal of the Association of Energy Engineering	123	1				Article

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4616	Amudala H.; Sree Divya K.; Swarnalatha S.; Davanam G.; Malchi S.K.; Yethish Y.	Cloudburst Prediction System	2026	Smart Innovation, Systems and Technologies	117	SIST		117	125	Conference paper
4617	Ahmed M.J.; M P.A.; K S.; Moinuddin S.Q.; Arunprasath K.; Senthamaraikannan P.; Avudaippan S.	Effect of alkali treatment duration on the structure and properties of Elettaria cardamomum cellulosic fiber	2026	International Journal of Biological Macromolecules	346		150483			Article
4618	Bhasha P.; Arun A.H.; Sushmita A.; Achyuth G.G.; Pavan H.; Kishore G.V.	Intelligent embedded vision for object abandonment detection through YOLOv8	2026	AIP Conference Proceedings	3371	1	040008			Conference paper
4619	Karuppusamy M.; Palanisamy S.; Gurusamy M.; Balasubramanian V.P.; Jayamani M.; Sankar S.L.; Sundararajan K.; Sivanantham G.; Ali S.K.; Palaniappan M.; Belay M.; Abbas M.	Biomimetic and Bioinspired Materials: Design Strategies, Mechanical Properties, and Engineering Applications—A Review	2026	Global Challenges	10	3	e70101			Review
4620	Mohankumar V.; Kumarasamy S.P.; Palanisamy S.; Jayamani M.; Alagarsamy A.; Abbas M.; Kalathil S.; Belay M.	Experimental study and optimization of EDM process parameters for cryogenically treated aluminum metal matrix composites using RSM, GRA, and ANFIS modeling	2026	International Journal of Advanced Manufacturing Technology	142	46367		6507	6535	Article
4621	Sunitha G.	Operationalizing Machine Learning: The Path to MLOps Excellence	2026	Real-Time Artificial Intelligence (AI): Key Motivations, Technologies, Platforms, and Use Cases				475	501	Book chapter
4622	Saranya T.S.; Gupta S.K.	Making sense of belonging and absence: A hermeneutic study of organizational belonging anxiety among first-generation learners from rural backgrounds	2026	Journal of Human Behavior in the Social Environment						Article
4623	Jyothsna V.; Pradeepika M.L.G.; Boyapati M.; Revuri V.T.; Eeti L.A.; Neerugatti V.	Intelligent network traffic prediction using integration of bio-inspired algorithm and Bi-LSTM	2026	AIP Conference Proceedings	3371	1	040016			Conference paper
4624	Yogendra Prasad P.; Ramu M.; Sushmitha B.; Eswari K.I.; Jyoshna M.S.; Sai M.L.	Real-time gesture-based virtual whiteboard	2026	AIP Conference Proceedings	3371	1	020020			Conference paper
4625	Bano A.; Ahmad S.; Kumar N.; Kanaujia D.S.; Kumar A.	Twin Deficits and External Imbalances: A Bibliometric Analysis of Global Research with Insights from India and G7 Economies	2026	MSW Management	36	1 s		648	656	Article
4626	Bathula B.; Varalaxmi. S.	Advancements In Biodegradable Nanoparticles for Targeted Drug Delivery: A Comprehensive Review on Ulcerative Colitis Treatment	2026	International Journal of Drug Delivery Technology	16	2		294	302	Article
4627	Pydala B.; Begum A.; Epparla H.; Chavan K.R.; Thaluchuri V.; Jugunta S.B.	Smart traffic management system through anomaly detection and load balancing using YOLOv5 and MobileNet	2026	AIP Conference Proceedings	3371	1	020005			Conference paper
4628	Karunanidhi D.; Nair G.S.; Subramani T.; Berhe B.A.	Integrating hydrological simulation and paddy yield prediction using SWAT in the Bharathapuzha River basin of South India	2026	Scientific Reports	16	1	10797			Article
4629	Rama R.; Ramana K.; Jeslin G.N.; Manas Chakravarthy K.; Monika Priya I.; Alagesan J.	Impact of aerobic exercise versus resistance exercise on sleep quality and blood pressure among middle aged adults with hypertension monitored using Kubios HRV smartphone application	2026	AIP Conference Proceedings	3371	1	030018			Conference paper
4630	Santhosh N.; Venkatadri K.	Mathematical modelling of directional lorentz force effects on ferrofluid mixed convection in a gamma-shaped porous enclosure	2026	Progress in Engineering Science	3	1	100205			Article
4631	Gadaparthi K.; Prakash P.	Effect of pore size and porosity on the thermal conductivity of alumina and zirconia-toughened alumina porous structures; [Effet de la taille des pores et de la porosité sur la conductivité thermique de structures poreuses en alumine et en alumine renforcée de zircone]	2026	Canadian Metallurgical Quarterly	65	1		55	63	Article
4632	Osarenkhoe O.O.; Mageshwaran V.; Yadav A.; Shikha S.; Tosin L.O.; Oluwaseun A.C.; Owen E.I.; Palanisamy S.	Current Lignocellulosic Biomass Availability: Status and Future Perspectives in Carbon Pricing	2026	Lignocellulosic Biomass to Biohydrogen: A Circular Economy and Sustainable Approach to Decarbonization				431	472	Book chapter
4633	Yadav S.G.S.; Reddy S.S.M.; Divakarachari P.B.; Penmatsa R.K.V.; Praveena H.D.	BCMT: Bidirectional Cross-Modality Transformer for Remote Sensing Image Captioning	2026	IEEE Access	14			12560	12578	Article
4634	Pulipati V.N.C.K.; Kurni M.; Kasarapu R.; Irala S.; Nainaru P.; Pasupulati H.	Predictive maintenance in IOT systems using machine learning techniques	2026	AIP Conference Proceedings	3371	1	020003			Conference paper
4635	Ganesan J.J.; Gnanakrishnan S.; Chien J.-R.C.; Haldar D.; Kandhan K.; Mariadoss A.V.A.; Murugan R.K.	Nickel oxide decorated carbon fiber nanocomposite: A robust electrocatalyst for the detection of vanillin food additive	2026	Microchemical Journal	222		117224			Article
4636	Jyothsna V.; Paluri M.; Uranduru J.K.; Ravuru K.; Merugu Y.S.; Nitheesh P.	A majority voting ensemble method for combining multiple deep learning models in network intrusion detection	2026	AIP Conference Proceedings	3371	1	020004			Conference paper
4637	Reddy Madhavi K.; Ramrao N.; Kishore Kumar T.; Srujan Raju K.; Sellathurai M.	Preface	2026	Lecture Notes in Networks and Systems	1357	LNNS		xi	xiii	Editorial

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4638	Thomas A.J.; Kumar R.V.; Manickavasagam I.; Anand M.; Alagesan J.; Kumar P.V.	Effect of pilates exercise for football players on hamstring flexibility using Kinovea software - A quasi-experimental study	2026	AIP Conference Proceedings	3371	1	020019			Conference paper
4639	Sivananda Reddy Y.; Reddy K.S.C.; VishnuPriyan M.; Alaneme G.U.	Novel genetic algorithm for optimizing Geopolymer concrete and predicting compressive strength	2026	Environmental Progress and Sustainable Energy	45	2	e70323			Article
4640	Janagaranjani S.; Prathap S.; Raj N.B.; Jagatheesan A.; Mana Chakravarthy K.; Angeline Yehudhiya R.S.	Effects of neural mobilisation combined with X BOX kinect application on improving sensory and motor function of foot with diabetic peripheral neuropathy patients - A feasibility study	2026	AIP Conference Proceedings	3371	1	020026			Conference paper
4641	Kovuri K.; Reddy Madhavi K.; Meenu Yadav K.; Vivek E.; Sohith Kumar Raju K.; Sree Preethi K.; Galety M.G.	Empowering E-commerce Decisions: Machine Learning Insights from Customer Review Sentiments	2026	Lecture Notes in Networks and Systems	1539 LNNS			223	232	Conference paper
4642	Mylsamy G.; Vijaya Chandra R.; Mohanraj K.; Yasmine Begum A.; B N.; M S.; S S.	Enhanced Al ³⁺ storage performance of NiSe ₂ @N, S co-doped carbon sphere cathodes for aqueous aluminum-ion batteries	2026	Interactions	247	1	129			Article
4643	Elango J.; Natarajan S.; Kandakurti P.K.; Kandasamy G.; Vishnuram S.; Alagesan J.	Revolutionizing fitness: The effectiveness of exergaming with VR health exercise tracker for obese sedentary workers	2026	AIP Conference Proceedings	3371	1	040006			Conference paper
4644	Selvan V.A.T.; Sathish M.; Nathan S.R.; Sivasubramanian K.; Kumar A.R.; Aravindan A.; Das K.M.	Strengthening of Historical Masonry Domes Using Textile Reinforced Mortar	2026	MSW Management	36	1		1336	1341	Article
4645	Vijjapu A.; Varma A.V.S.S.; Kalyani K.; Kumar V.; Dharani N.P.; Murthy S.V.S.N.	An efficient technique for keratoconus disease prediction by utilizing extensive feature extraction and AI method	2026	Information Sciences	727		122740			Article
4646	Sharma A.; Gowda V.D.; Nagarajan S.K.S.; Shah K.N.; Prasanth P.V.; Saxena R.	IoT-Enhanced Machine Learning for Remote Sensing and Image Processing in Agriculture	2026	Lecture Notes in Networks and Systems	1450 LNNS			567	577	Conference paper
4647	Ravichandran L.; Ramalingam V.; Sundar V.; Alagesan J.; Purushothaman V.; Suganthirababu P.	AI and Pilates: Advancing Flexibility and Performance in Volleyball Players with Low Back Pain Using APECS Software and My Jump lab	2026	Lecture Notes in Electrical Engineering	1528 LNEE			53	57	Conference paper
4648	Samrin R.; Kakkireni B.K.; Avanija J.; Nandeeswar Reddy T.; Prasad Sanaboina S.V.S.V.; Reddy Madhavi K.	Prediction of Lung and Colon Cancer Using Bayesian Optimization Based Deep Learning Model	2026	Smart Innovation, Systems and Technologies	117 SIST			559	566	Conference paper
4649	Priyadarshini M.S.; Raju K.; Manohara M.; Abdullah O.I.; Bajaj M.	Energy-Efficient IoT-Enabled Smart Street Lighting System with Master-Slave Node Architecture	2026	E3S Web of Conferences	692		05002			Conference paper
4650	Chowdam V.S.; Venkata Naresh M.; Kumar G.G.	Internet of Things- and Machine Learning-Based Soil Parameter Monitoring System for Optimal Crop Recommendation	2026	Applied Fruit Science	68	3	132			Article
4651	Shathurshini B.S.; Senthil Kumar N.; Sharmila B.; Singh T.B.; Alagesan J.; Veenakirthika S.	Playful therapeutic activities enhancing daily living and motor skills in children with hemiparetic cerebral palsy: Practoray software insights	2026	AIP Conference Proceedings	3371	1	040013			Conference paper
4652	Reddy V.S.; Kumar B.H.	Optimal Distributed Generation Placement and Real-Time Load Forecasting Using Machine Learning for Voltage Stability Enhancement	2026	Journal of Circuits, Systems and Computers			2650133			Article
4653	Yogendra Prasad P.; Ramu M.; Balla C.; Kavya B.; Anjum S.R.; Kumar K.G.	Digital defender: Detecting cyber-bullying using deep-learning	2026	AIP Conference Proceedings	3371	1	040018			Conference paper
4654	Madhusoodhanan R.; Raman K.; Akbar R.; Pambayan Ulagan M.; Mariadoss Arokia V.A.; P T.	Modulating gut microbiota in type 2 diabetes mellitus: advances and challenges in precision medicine	2026	Acta Diabetologica						Review
4655	Ravikumar K.; Sivakumar C.	Efficient Resource Allocation in Edge Networks Using Autoencoder-Based Capacity Optimization and SHA-512 Security; [Allocation efficace des ressources dans les réseaux périphériques à l'aide de l'optimisation de la capacité basée sur un auto-encodeur et de la sécurité SHA-512]	2026	IEEE Canadian Journal of Electrical and Computer Engineering	49	1		83	92	Article
4656	Yuvaraj K.; Arunvivek G.K.; Kumar P.; Sharma K.K.; Sembeta R.Y.	Influence of paper mill sludge ash on mechanical, microstructural and durability properties of metakaolin based geocrete	2026	Scientific Reports	16	1	6109			Article
4657	Vaishnavi; Anitha A.; Raj N.B.; Jagatheesan A.; Senthil Kumar N.; Raj M.	Lymphatech software for tracking long-term outcomes of multi-layered bandages along with lymphopress in pelvic cancer survivors	2026	AIP Conference Proceedings	3371	1	020025			Conference paper
4658	Jeslin G.N.; Suganthirababu P.; Yugandhar P.; Sai Bhargavi E.; Likitha G.R.; Manikandan M.	Integrating technology into managing polycystic ovarian syndrome in young women: The influence of tele delivered individualized exercise program on body composition, lipid profile and psychological issues	2026	AIP Conference Proceedings	3371	1	030017			Conference paper
4659	Priyanka G.; Gireesh N.; Hemachandra S.	Enhanced VLSI architecture for MAC-based FIR filters in biomedical image processing using optimized Random Residual Group Duck Swarm Coupled Attention Network	2026	Measurement: Journal of the International Measurement Confederation	263		120099			Article

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4660	Tiwari R.; Keshava K.S.; Prabhu R.S.; Samathoti P.; Elakkiya S.M.; Dhakar R.C.; Bhise M.R.; Sharma P.	Design, optimization, and evaluation of a pH-sensitive hydrogel system for colon-targeted mesalamine delivery	2026	Polymer Bulletin	83	4	176			Article
4661	Sushama C.; Swaroop B.S.; Reddy B.C.K.; Narayana B.P.; Nandeesh A.	Semantic and Graph-based Adaptive Threat Detection for Industrial Internet of Things Logs	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				837	841	Conference paper
4662	Ramya T.; Reddy Modiyam J.; Reddy Musikara P.B.S.; Nallapu S.V.; Chunduru R.T.; Sambana B.	EEG-based Multi-Class Classification of Psychiatric Disorders using Deep Learning Models	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				861	866	Conference paper
4663	Lavanya M.; Rajasekhar A.J.; Bravish O.D.; Sowmya Vani M.	Medico book recommendation using multinomial logistic regression	2026	AIP Conference Proceedings	3371	1	030011			Conference paper
4664	Suryachandra P.; Suresh Babu J.; Mallarapu M.; Sathya Hari Prasad S.K.; Rasheeda D.; Sunil Kumar M.	Exploring Hybrid Entropy and Feature Selection Methods for Analyzing Sentiment in Telugu Data	2026	Smart Innovation, Systems and Technologies	117	SIST		567	574	Conference paper
4665	Sunitha G.; Basi Reddy A.; Sahithya K.S.; Vignesh K.S.; Khan M.F.A.; Naidu K.V.	Real Face Foundation Models for Generalized Synthetic Media Detection	2026	Proceedings of the 2026 6th International Conference on Image Processing and Capsule Networks, ICIPCN 2026				433	440	Conference paper
4666	Chitteti C.; Madhavi K.R.	AttenTAVO-Cap: A Hybrid Deep Learning and Metaheuristic Approach for Image Captioning	2026	International Journal of Engineering Trends and Technology	74	1		333	354	Article
4667	Komala K.; Sowmya Vani M.; Naramati P.	Forecasting national-level self-harm trends with social networks	2026	AIP Conference Proceedings	3371	1	030020			Conference paper
4668	Khan Y.; Sivakumar K.K.; Asdaque P.M.G.B.; Apparao D.; Kumar R.; Gaurav K.; Batra L.	Performance assessment of solar based trigeneration system using organic rankine cycle and ejector refrigeration system	2026	Journal of Thermal Engineering	12	1		1	15	Article
4669	Muthulingam S.; Raja K.; Greeshma K.P.; Swetha R.; Kalaiarasan S.; Thiruppathi S.	Smart healthcare textiles: A review on the integration of nanomaterials for biomedical functionality	2026	Journal of Drug Delivery Science and Technology	118		108091			Review
4670	Pradeep Kumar G.V.; Sireesha V.; Satyanarayana T.V.V.; Naresh M.; Karthick A.; Mohanavel V.; Parimalasundar E.	HETLesion: A hierarchical extended transformer framework for liver lesion segmentation in CT images with XAI	2026	Neurocomputing	684		133582			Article
4671	Padhiyar S.; Parikh J.; Kumar D.S.; Yousuf M.; Sachuthananthan B.; Nagabhooshanam N.; Reddy M.S.; Saravanan A.	Effect of lignin biopolymer, microfiber, and rubber matrix on the mechanical, fatigue, dielectric, and electromagnetic shielding properties of composites	2026	Polymer Bulletin	83	3	127			Article
4672	Harianingsih; Palanisamy S.; Fitriyana D.F.; Siregar J.P.; Qudus N.; Alfarraj S.A.; Alharbi S.A.; Abbas M.; Kalathil S.; Belay M.	Surface reinforcement of rice straw fibers for epoxy composites by ultrasonic, plasma, and sodium carbonate-assisted hybrid treatments	2026	RSC Advances	16	3		2393	2407	Article
4673	Mylabathula U.K.; Reddy S.S.; Niharika D.; Prakash P.	Microstructural phase differentiation of AA7075/ZrC composite using image processing of SEM micrographs	2026	EPJ Web of Conferences	345		01005			Conference paper
4674	Chowdam V.S.; M V.N.; Kumar G.G.; Potladurty S.B.	Remote sensing and machine learning approaches for heat island mapping and analysis: a review and framework for sustainable smart cities	2026	Environment, Development and Sustainability						Review
4675	Madhavi K.R.; Rongali S.K.; Polineni T.N.S.; Kumhari D.N.; Challa K.; Challa S.R.	Explainable AI (XAI)-Driven Predictive Analytics Framework for Ethical and Scalable Automation in Cloud-Native Architectures with Enterprise and Healthcare Interoperability	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				31	36	Conference paper
4676	Kirubakaran G.; Kannan C.S.; Anbalagan R.R.; Palanisamy S.; Alfarraj S.A.; Alharbi S.A.; Abbas M.; Kalathil S.; Belay M.	Taguchi-based experimental optimization coupled with explainable machine learning for predictive modelling of FFF-printed CF-PA composites	2026	International Journal of Advanced Manufacturing Technology						Article
4677	Ganesh D.; Kumar M.S.; Reddy P.V.; Muni Kailash K.B.; Reddy C.K.S.K.; Rishitha S.	Hardware Trojan Detection and Localization in Verilog Designs for Renewable Systems	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				809	815	Conference paper
4678	Sriharsha A.V.; Thrisaileswari A.; Amulya B.; Rajesh K.; Angelin K.P.	Suspect recognition under varying lighting conditions using adaptive image matching and YOLOv8	2026	AIP Conference Proceedings	3371	1	020011			Conference paper
4679	Depur P.K.; Sowndarya M.; Kumar M.S.; Kumar P.K.; Mohan C.R.; Jugunta S.B.	Revolutionizing Healthcare: A Smart Approach to Enhance Doctor Availability and Streamline Appointments with Digital Technology and AI Integration	2026	Smart Innovation, Systems and Technologies	117	SIST		127	134	Conference paper
4680	Deepti Y.; Kumar S.; Bandyopadhyay A.; Chithambaram S.J.; Kumar P.; Sembeta R.Y.	Synergic utilization of waste glass powder for fire-resilient and low alkali-activated concrete	2026	Scientific Reports	16	1	4989			Article
4681	Jyothsna V.; Tallapuneni V.N.; Peddakotla K.K.R.; Tatipamula N.K.; Rachapogula K.; Srilakshmi K.	Cutting-edge detection strategies for distributed denial-of-service attacks using sophisticated machine learning techniques	2026	AIP Conference Proceedings	3371	1	020007			Conference paper
4682	Maithili D.; Sruthi M.V.; Dharani M.; Maram B.; Hima Bindu E.; Venkatakrishnamoorthy T.	Effective Adaptive Multilevel Modulation Technique Free Space Optical Communication	2026	Lecture Notes in Networks and Systems	1357	LNNS		223	229	Conference paper

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4683	Alsaqer R.; Ankitha M.S.; Prasanthi S.; Goudanavar P.; Namballa M.; Naveen N.R.; Swaroop K.; Meravanige G.; Sreeharsha N.; Asif A.H.	Comprehensive Patterns Concerning BA/BE Studies and Biowaivers in the Regulatory Approval of Generic Pharmaceuticals in the United States, the EU, and India	2026	Advances in Pharmacological and Pharmaceutical Sciences	2026	1	9397454			Article
4684	Peddinti N.; Nune S.; Veeranjanyulu I.V.; Ghugare R.R.; Jampana M.S.	A Comprehensive Survey on Nano-sensor Devices and Architectures for the Internet of Nano-Things (IoNT)	2026	Journal of Environmental Nanotechnology	15	1		91	99	Review
4685	Kumar M.S.; Rao Y.B.; Girinath S.; Jugunta S.B.	Hybrid Approach for Early Detection of Tomato Leaf Disease Using Advanced Machine Learning Algorithms	2026	Smart Innovation, Systems and Technologies	117	SIST		199	206	Conference paper
4686	Supreeta; Gupta S.K.; Saranya T.S.	Empowering rural women through microfinance: Enhancing self-esteem and decision-making	2026	Multidisciplinary Reviews	9	10	e2026503			Review
4687	Yogendra Prasad P.; Druthi R.; Ramu M.; Radhika S.; Alekhya R.S.; Teja P.P.	Evaluating machine learning and deep learning models for toxic comment detection on social media	2026	AIP Conference Proceedings	3371	1	030003			Conference paper
4688	Sushama C.; Koushik K.; Rohith G.; Yaswin K.S.	Enhancing Cloud Data Confidentiality and Fault Tolerance Through Secret Sharing Schemes	2026	Proceedings of the 2026 6th International Conference on Image Processing and Capsule Networks, ICIPCN 2026				1017	1022	Conference paper
4689	Rajaraman D.; Sonadevi S.; Dhandapani A.; Jaganathan R.; Nagaraj K.; Raja K.	Synthesis, spectroscopic, quantum chemical investigation and in-silico studies of N'-((1H-indol-3-yl)methylene)-4-methylbenzenesulfonohydrazide as potential SARS-CoV-2 inhibitors	2026	Journal of Molecular Structure	1351		144196			Article
4690	Nagaraju V.V.; Aepuru R.; Urritia R.F.; Reddy D.V.S.; Singh A.; Vijaya Bhaskar Reddy K.	Prediction of tensile strength in AA7075/SiC composites using random forest and support vector machine models	2026	EPJ Web of Conferences	345		01054			Conference paper
4691	Preethi B.; Subramani T.; Karunanidhi D.; Berhe B.A.	Evaluation of sulphate contamination in surface and groundwater with health hazards in the largest opencast lignite mine region of Asia	2026	Scientific Reports	16	1	2962			Article
4692	Ganesan V.; Chohan J.S.; Damodharan A.; Maranan R.; Dhanigaivel E.R.	Impact of Elevated Temperature on the Mechanical Performance and Failure Mechanism of Hybrid Palmyra Palm Fiber-Epoxy Composites Reinforced with Nano SiO2	2026	Mechanics of Composite Materials	61	6		1209	1226	Article
4693	Reddy K.V.B.; Reddy V.R.; Kandi K.K.; Prakash P.; Zubairuddin M.; Shireesha Y.; Tamboli S.	Laser Shock Peening–Induced Microstructural Evolution and Its Impact on the Tribological Behavior of Al2024 Alloy	2026	Journal of The Institution of Engineers (India): Series D						Article
4694	Devadoss C.P.; Beno A.; Devana V.N.K.R.; Lakshmi A.V.; Ponnappalli V.L.N.P.; Chakradhar K.S.; Sekhar S.C.; Kumar P.V.	A novel compact MIMO antenna for WiMAX, sub-6 GHz: N77/N78/N79, WLAN and satellite communication applications	2026	Wireless Networks	32	1		131	148	Article
4695	Anandaraj S.; Dharsini S.S.R.; Arunvivek G.K.; Sahu A.; Mishra P.; Olaiya B.C.	Utilization of granite powder in the production of sustainable fiber reinforced concrete with improved durability	2026	Discover Materials	6	1	24			Article
4696	Begum M.S.; Padmaja N.	Systematic Review and Primary Outcomes in Arrhythmia Detection via Evolutionary Optimization	2026	Lecture Notes in Networks and Systems	1736	LNNS		36	46	Conference paper
4697	Ganesh D.; Sunil Kumar M.; Varalakshmi K.; Kumar M.K.; Laxmipati K.; Ashok K.	Real Time Cybersecurity Threat Monitoring & Classification System	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				765	771	Conference paper
4698	Anbu V.; Kumar S.; Kandasamy G.; Kandakurti P.K.; Alagesan J.; Anitha A.	Exploring the impact of kinect Xbox virtual reality on functional balance in children with cerebral palsy	2026	AIP Conference Proceedings	3371	1	040004			Conference paper
4699	Srinivas S.; Hema H.; Madaiah D.C.; Hemanth R.; Suresha B.; Siva I.; Dol S.S.; Ahmad K.A.; Hameed Sultan M.T.	Dual nanofiller strategy for enhanced mechanical properties in carbon fiber reinforced polyamide blends	2026	Nanotechnology Reviews	15	1	20250235			Article
4700	Velmurugan G.; Chohan J.S.; Maranan R.; Paramasivam P.; Manikandan N.; Thejasree P.; Narayana S.L.; Olaiya B.C.; Kumar M.	Experimental investigation and optimization of mechanical and tribological performances of bio-based sustainable hybrid composites incorporating Nano-SiO ₂ fillers	2026	Scientific Reports	16	1	7288			Article
4701	Yogendra Prasad P.; Ramu R.; Neharshika M.; Prakash A.S.; Latha Y.H.	CNN-based approach for predicting and classifying groundnut leaf diseases	2026	AIP Conference Proceedings	3371	1	030009			Conference paper
4702	Chakraborty K.; William P.; Kamesh V.V.; Krupakaran R.L.; Medikundu N.R.; Samudrala V.; Dinakaran K.P.; Paul S.	Investigation of Performance of a Lead-Free Flexible Perovskite Solar Cell Under Different Bending Modes	2026	Energy Technology	14	2	e202502206			Article
4703	Sriharsha A.V.; Yarabolu S.N.	Federated Learning for Early Detection of Chronic Diseases: Privacy-Preserving Models in Population Health Management	2026	AI Trust, Risk, and Security Management: Framework, Principles, and Practices				153	181	Book chapter
4704	Shah S.; Adegoke I.; Dayal S.; Taioti T.; Ravuiwasa K.; Fong M.; Sewabu W.; Palanivel H.	From Ornamental to Overwhelming: The Case of Spathodea campanulata in the Pacific	2026	Weed Research	66	1	e70057			Review
4705	Raj P.; Sundaravadivazhagan B.; Kavitha V.; Rao B.N.K.; Vijaykumar H.	REAL-TIME ARTIFICIAL INTELLIGENCE (AI): Key Motivations, Technologies, Platforms, and Use Cases	2026	Real-Time Artificial Intelligence (AI): Key Motivations, Technologies, Platforms, and Use Cases				1	501	Book
4706	Shankar V.S.; Velmurugan G.; Hanumantharaju K.N.; Mouresh M.; Ramola E.C.	A Review of Innovations in Eco-friendly Biomaterials for Sustainable Food Packaging Solutions	2026	Lecture Notes in Mechanical Engineering				53	69	Conference paper

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4707	Konduri P.S.R.; Vandana G.; Deepthi D.N.; Anwar D.; Dharanish M.	Isolating latent factors for better low-light image enhancement using deep learning	2026	AIP Conference Proceedings	3371	1	040025			Conference paper
4708	Manimegalai R.; Shobana M.; Rajesh C.; Parthasarathy C.; Sriharsha A.V.; Kumar T.D.	Adaptive Emotion-Aware Speech Synthesis on Edge Devices: A Lightweight Dynamic Model Adaptation Framework using LoRA and OnDevice Fine-Tuning	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				1513	1520	Conference paper
4709	Sreetharan V.; Reddy L.K.R.D.; Shaffi T.; Bode S.R.; Gangavaram S.K.	Automatic sleep disorders classification using deep learning based on sleep quality features	2026	AIP Conference Proceedings	3371	1	040026			Conference paper
4710	Yogendra Prasad P.; Ramu M.; Priya K.L.; Chandrika K.; Hemavalli D.; Ujvala G.	Enhancing music therapy with facial expression analysis using machine learning techniques	2026	AIP Conference Proceedings	3371	1	040022			Conference paper
4711	Bharathi M.; Tabassum S.; Kumari G.S.; Kumar N.A.; Poornima M.; Madhu G.C.; Mohanarangam K.	Transforming Healthcare Through Technology: Strategies for Excellence in Patient Care, Operations, and Innovation	2026	Advancing Equity in Global Healthcare Systems				239	267	Book chapter
4712	Velmurugan G.; Chohan J.S.; Babu K.; Paramasivam P.; Maranan R.; Natrayan L.	High performance of hybrid resin nanocomposites reinforced with E-glass, waste-based natural fiber mats: mechanical and thermal analysis under ambient and cryogenic environment	2026	Clean Technologies and Environmental Policy	28	1	26			Article
4713	Jayapriya J.; Viruthagiri G.; Durairaj N.; Moorthy Babu S.; Raja S.	Enhanced visible-light-driven photocatalytic performance of g-C3N4/BaTiO3 hybrids for efficient organic dye degradation	2026	Journal of Physics and Chemistry of Solids	208		113063			Article
4714	Venkatesh N.P.; Srinivasan V.; Manas Chakravarthy K.; Sharmila B.; Jebasingh K.; Suganthirababu P.	Efficacy of transcutaneous auricular vagal nerve stimulation and mindshift CBT app on post COVID-19 agoraphobia in the elderly: A case report	2026	AIP Conference Proceedings	3371	1	020010			Conference paper
4715	A N.J.; P A.; R N.; S M.	Low temperature-based Ceria-ZnO nanocomposites for ammonia gas sensors: Effect of surfactant on physicochemical properties of ZnO nanostructures	2026	Materials Science in Semiconductor Processing	204		110271			Article
4716	Kumar M.; Yadav M.; Rahul R.; Sharma A.; Palanisamy S.; Sankarathil A.J.; Abbas M.	Biohydrogen: Harnessing Nature for Sustainable Energy	2026	Lignocellulosic Biomass to Biohydrogen: A Circular Economy and Sustainable Approach to Decarbonization				163	199	Book chapter
4717	Ravi P.; Davanam G.; Deepika N.; Malchi S.K.; Siva Ram Reddy V.	Application of Latest IoT Techniques for Crop Yield and Moisture Prediction in Smart Farming	2026	Smart Innovation, Systems and Technologies	117	SIST		339	347	Conference paper
4718	Kasarapu R.; Venkata Sivaiah B.; Swathi P.R.G.; Surendra B.; Rakesh V.; Abhilash B.	AI-companion interactions with simulated famous personalities	2026	AIP Conference Proceedings	3371	1	030022			Conference paper
4719	Kuzhaloli S.; Sriharsha A.V.; Parthasarathy C.; Helen Sathiya V.; Gopu T.; Kumar T.D.	Noise-Resilient Quantum Machine Learning Models for Reliable IoT-Healthcare Analytics	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				435	442	Conference paper
4720	Rajagopal R.N.; Ali A.B.M.; Vijayalakshmi R.; Sharief B.S.; Tarakaramu N.; Rani P.S.; Shomurotova S.	A hesitancy fuzzy TOPSIS model for sustainable rainwater harvesting venue selection in rural agriculture applications	2026	Results in Control and Optimization	23		100707			Article
4721	Golla M.; Sudarsan Reddy D.V.; Thangavel S.	A unified single-controller approach of an MPPT and droop control for solar PVs in DC microgrid under unequal and partial shading conditions	2026	Renewable Energy	256		123940			Article
4722	Sridhar C.N.; Subramani T.; Karunanidhi D.; Berhe B.A.	GIS–entropy based appraisal of groundwater quality, health hazards, and irrigation potential in the Samalpatti–Sevathur carbonatite terrains, South India	2026	Scientific Reports	16	1	4616			Article
4723	Rajesh K.; Daram S.B.	ANN-Controlled Z-Source Inverter Integrated Wind Energy System with DSTATCOM for Grid Support and Power Quality Improvement	2026	SSRG International Journal of Electrical and Electronics Engineering	13	3		178	199	Article
4724	Balamanikandan A.; N V.; Sukanya M.; Sudhakar Reddy N.; Gomathy G.; Venkatachalam K.	Physics-Informed Neural Network-Assisted Compact Modeling of UTB-SOI and Nanowire MOSFETs for Ultra-Low Power Edge-AI Applications	2026	Iranian Journal of Electrical and Electronic Engineering	22	2	4062			Article
4725	Kaliyaperumal R.; Nagaraj K.	Advanced Techniques for Material Characterization and Analysis in Nano-Technology	2026	Lecture Notes in Nanoscale Science and Technology	47			93	104	Book chapter
4726	Yugandhar P.; Krishnamurthy V.; Mannur S.Y.; Murthy K.C.	Systematic review and meta-Analysis of genetic predisposition in HIV	2026	IP Indian Journal of Immunology and Respiratory Medicine	11	1		4	13	Review
4727	Edula V.S.M.; Vishnu Vandana Devi V.; Padmaja N.; Naseeba B.; Sankar I.; Samatha J.	Transforming News Consumption: Summarizing Articles into MP3 Audio for On-the-Go Learning	2026	Lecture Notes in Networks and Systems	1357	LNNS		353	362	Conference paper
4728	Bagyalakshmi S.; Thilakavathi G.; I J.; Sivakami A.; Sukumar T.; Gowri S.	MXene quantum dots: Emerging multifunctional nanomaterials for optoelectronic, photonic, and smart device applications	2026	Materials Science in Semiconductor Processing	210		110691			Review
4729	Rajaraman D.; Sivakumar P.; Sonadevi S.; Nagaraj K.; Raja K.; Dhandapani A.	Structural, electronic, and antiviral evaluation of a nitro aryl hydrazone ester: An experimental and in silico approach	2026	Journal of Molecular Structure	1368		146244			Article

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4730	Kumar K.N.; Dhanalakshmi P.; Baseer K.K.	A meta-heuristic on brain tumor detection, segmentation and categorization algorithms: Deformable models and AI approaches	2026	AIP Conference Proceedings	3371	1	040020			Conference paper
4731	Millerjothi N.K.; Ashok I.; Nikhila V.S.; Muvesh J.; Sachuthananthan B.	Innovative Energy Harnessing From Fuel Cells: Sustainable Electricity Generation - A Review	2026	AIP Conference Proceedings	3385	1	020024			Conference paper
4732	Zehravi M.; Khan S.L.; Gupta J.K.; Jahnavi P.; Babu R.H.; Vidiyala N.; Averineni A.; Dharmamoorthy G.; Dantinapalli V.L.S.; Elumalai S.; Rab S.O.; Emran T.B.	Advances in polymeric nanoparticles for oral drug delivery: mechanisms, challenges, emerging trends, and preclinical to clinical perspectives	2026	3 Biotech	16	1	35			Review
4733	Augustine A.A.; Singh B.; Rao D.S.S.	Sustainable Integrated Nutrient Management Practices for Traditional Rice Production in Wayanad, Kerala: Yield and Quality Implications	2026	Agricultural Science Digest	46	2		264	274	Article
4734	Periyasamy P.; Periyasamy P.; Narayanan D.; Ramalingam G.; Maadhu T.; Sacratees S.; Ramanujam B.	Comprehensive investigation of the optical, mechanical, and electrical properties of piperazinium bis(4-nitrobenzoate) dihydrate single crystal with hirshfeld surface analysis for nonlinear optical device applications	2026	Solid State Communications	409		116284			Article
4735	Krishnan G.G.; Parasuram T.R.S.; Thianessvar V.; Sachuthananthan B.; Monish T.	Exploring the Various Applications and Importance of NonDestructive Testing (NDT) Across Industries	2026	AIP Conference Proceedings	3385	1	040017			Conference paper
4736	Sandeep Kumar Reddy V.; Ramani K.	Enhancing Leaf Disease Detection with Vision Transformers: A Literature Survey and Preprocessing Analysis	2026	Cognitive Science and Technology	Part F1266			601	610	Book chapter
4737	Divya K.; Reddy Madhavi K.	A Hybrid Multi-modal Approach Employing Pseudo-information Guidance and Cross-Modal Autoencoders with Consistency Regularization for Precise Agricultural Pest Classification	2026	Lecture Notes in Networks and Systems	1357 LNNS			375	386	Conference paper
4738	Naveen K.; Anchuri S.; Varshitha B.; Naidu R.P.K.; Sree M.R.; Reddy A.B.	Hybrid GAN and ResNet-50 Model for Deepfake Detection Using AI-Powered Face-Fusion Analysis	2026	Lecture Notes in Networks and Systems	1736 LNNS			117	123	Conference paper
4739	Janani R.; Saravankumar J.; Vijayamurugan E.; Gopal K.; Thangavelu P.D.; Alagesan J.	Impact of active cycle of breathing technique combined with threshold IMT device on respiratory function in bronchial asthma subjects: A COSMED quark PFT software analysis	2026	AIP Conference Proceedings	3371	1	020014			Conference paper
4740	Kuruba S.K.; Lawrence K.R.	Influence of hydrogen enrichment and piston geometry modification on diesel engine performance, emissions, and vibrations powered with Juliflora biodiesel	2026	Environmental Progress and Sustainable Energy						Article
4741	Vandadi S.K.; Vara Prasad K.M.; Jugunta S.B.; Mohan C.R.; Sunil Kumar M.; Ganesh D.	Image Classification Using MobileNetV3 Model	2026	Smart Innovation, Systems and Technologies	117 SIST			109	116	Conference paper
4742	Balakrishna N.; Sonika K.; Sai E.V.R.; Sunku V.R.; Priyanka L.G.; Bangole N.K.R.	Ocular Disease Recognition Using Deep Learning	2026	AI, Machine Learning, and IoT for Communication and Medical Applications				211	224	Book chapter
4743	Sai Nikesh M.; Senthil Kumar N.; Raj N.B.; Ramadass A.; Alagesan J.; Misra A.	Effectiveness of balance training and intrinsic foot muscle strengthening in school children with flat foot: A physio track software based intervention	2026	AIP Conference Proceedings	3371	1	040007			Conference paper
4744	Kumar Y.B.K.; Kumar K.K.; Divya A.; Dhanalakshmi R.; Sangaraju S.; Gonuguntla V.; Sreedevi G.; Reddy V.R.M.; Chalapathi U.	Enhanced physical and photoelectrochemical properties of Bi2S3 nanorod films via indium doping	2026	Materials Chemistry and Physics	349		131864			Article
4745	Krishna K.H.; Kumar P.R.; Herah V.; Reddy P.V.V.; Reddy K.J.S.	Hybrid LLM-Vision Pipeline for Detection of Malicious QR Codes in Social Engineering Attacks	2026	Proceedings of the 2026 6th International Conference on Image Processing and Capsule Networks, ICIPCN 2026				188	194	Conference paper
4746	Mohanasundaram S.; Kumar D.S.; Kumar S.M.; Priyadarsini C.I.; Sachuthananthan B.; Nagabhooshanam N.; Bhemuni V.; Yaswanth K.K.	Evaluation of Dielectric, Magnetic, Mechanical and EMI Shielding Behaviors of Flexible PVA Composites Incorporated with Bio-Carbon Particles and Basalt Fiber	2026	Waste and Biomass Valorization	17	3		1559	1569	Article
4747	Rao C.M.; Charan D.; Kumar C.N.; Harshavardhan N.; Venkata Narayana S.S.	An Intelligent Trust-Aware Blockchain-Edge Authentication Framework for Internet of Vehicles using Federated Learning	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				1407	1414	Conference paper
4748	Yogendra Prasad P.; Ramu M.; Venkatesh N.; Keerthana S.; Varshini P.; Bhaskar S.U.	Real-time prediction of vehicular engine health using advanced machine learning techniques	2026	AIP Conference Proceedings	3371	1	030014			Conference paper
4749	Kumar M.K.; Parimalasundar E.	A Multisource 15-Level Inverter Suitable for Renewable Energy Integration	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				553	557	Conference paper
4750	Emran T.B.; Al Amin M.; Sutradhar B.; Sweilam S.H.; Shanmugarajan T.S.; Arjun U.V.N.V.; Durairaj A.; Mahesh P.G.; Jebastine M. I.; Prasad P.D.; Suliman M.; Uddin M.Z.	A Comprehensive Review of the Phytochemical Constituents and Diverse Pharmacological Applications of Diospyros kaki (Persimmon) Across Traditional and Modern Medicine	2026	Current Topics in Medicinal Chemistry						Review

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4751	Joseph S.E.; Sankar M.; Alagesan J.; Suganthirababu P.; Thomas A.; Ramalingam V.; Srinivasan V.	Physical Activity As A Modulator Of Iron Drug Delivery And Bioavailability In Pregnancy	2026	International Journal of Drug Delivery Technology	16	5		966	971	Article
4752	Narayana H.; Kumaraswamy I.	Trapezoidal PWM scheme for voltage gain inverter	2026	International Journal of Applied Power Engineering	15	1		90	97	Article
4753	Saranyadevi K.; Anitha A.; Prathap S.; Manivannan V.; Parthiban S.; Jagatheesan A.	Efficacy of sway balance app in measuring static and dynamic balance in flat foot	2026	AIP Conference Proceedings	3371	1	020023			Conference paper
4754	Gogineni A.; Sharma S.; Roy S.; Kumar P.	Long-Term Drought Analysis and Forecasting Using Hybrid Wavelet Denoise Random Forest Models with SPI, Z-Score, and China Z-Index	2026	Arabian Journal for Science and Engineering	51	4		5097	5125	Article
4755	Srinivasan P.; Ramalingam V.; Prasad V.A.; Suthar M.; Jebasingh K.; Sundar V.	My jump lab and readiness app on chronic ankle instability in elite volleyball player: A single case study	2026	AIP Conference Proceedings	3371	1	030015			Conference paper
4756	Kumar A.; Upadhyay C.; Dusanapudi S.N.; Krupakaran R.L.; Karthikeyan R.; Venkat K.	Enhancing corner accuracy and machining quality in wire-EDM of In(690) using recirculating molybdenum wire: a hybrid machine learning and metaheuristic optimization approach	2026	Journal of the Brazilian Society of Mechanical Sciences and Engineering	48	2	147			Article
4757	Fitriyana D.F.; Rudianzah T.S.; Palanisamy S.; Firmansyah H.N.; Darsono F.B.; Ismail R.; Siregar J.P.; Cionita T.; Alfarradj S.A.; Alharbi S.A.; Abbas M.; Kalathil S.; Belay M.	Investigation of the effect of nozzle temperature on the properties of 3D printed pet (polyethylene terephthalate) filament from plastic bottle waste	2026	International Journal of Advanced Manufacturing Technology	142	46241		4073	4085	Article
4758	Roja K.; Kalla R.M.N.; Varalakshmi M.; Lee J.	Sulfated trishydroxymethylaminomethane as an efficient recyclable catalyst for the synthesis of bis(indolyl)methane derivatives	2026	Research on Chemical Intermediates	52	1		227	239	Article
4759	Joseph Pramod Dhinakar N.; Ramani K.	Deep learning approaches to encrypted traffic classification: A comprehensive survey	2026	AIP Conference Proceedings	3371	1	030006			Conference paper
4760	Puvvada S.; Chetan G.; Lavanya K.; Vamsi Krishna S.B.S.S.S.; Padmaja N.; Srinivasa V.C.N.	Enhancing Visual Image Captioning with SWIN Vision Transformers	2026	Lecture Notes in Networks and Systems	1357 LNNS			343	351	Conference paper
4761	Khan P.F.; Punitha T.; Greeshma G.; Faizan S.M.A.; Dhinesh B.; Narmadha M.	An Explainable Hybrid Multimodal Deep Learning Framework for Early Depression Detection and Severity Assessment	2026	Proceedings of the 2026 6th International Conference on Image Processing and Capsule Networks, ICIPCN 2026				219	225	Conference paper
4762	Sathwika K.; Varshith M.S.; Kumar M.N.; Babu S.D.	Performance Optimization of Quantum Approximation Optimization Algorithm (QAOA) under Noisy Quantum Environments	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				1927	1932	Conference paper
4763	Karunanidhi D.; Raj M.R.H.; Subramani T.; Roy P.D.	Source apportionment, drinking water quality prediction and health risk appraisal of groundwater nitrate using hydrochemistry, machine learning and Monte Carlo simulation - A case study from the Suruliyar River basin, South India	2026	Environmental Geochemistry and Health	48	3	138			Article
4764	Vedhantam M.; Kesavulu M.M.	A clinical study on non invasive pre-implantation genetic testing for aneuploidy	2026	Indian Journal of Obstetrics and Gynecology Research	13	1		218	222	Article
4765	Krishna B.V.S.; Bharathidhasan A.; Ashokkumar N.; Selvam K.P.	Spectrum sharing using deep learning: multi-agent reinforcement learning	2026	International Journal of Engineering Systems Modelling and Simulation	17	1		1	8	Article
4766	Patel S.C.; Kamath R.N.; Murthy T.S.N.; Subash K.; Avanija J.; Sangeetha M.	Enhancing Microscopic Image Quality With DiffusionFormer and Crow Search Optimization	2026	Microscopy Research and Technique	89	3		351	374	Article
4767	Bhasha P.; Kohitha Y.; Madhav Chowdary P.; Krishna M.N.; Akash N.; Kaushik N.V.	Smart vehicle control system for safe and efficient driving	2026	AIP Conference Proceedings	3371	1	020018			Conference paper
4768	Prathima C.; Arava R.R.; Tanveer S.; Rahul G.; Srinivas K.; Karthik T.	Real-time skin disease identification using advanced machine learning and image processing approach	2026	AIP Conference Proceedings	3371	1	040028			Conference paper
4769	Saranya T.S; Gupta S.K.; Yücel Ş.; Yücel R.; Shaik A.; Sanil M.	Gender, trauma, and adaptive behavior in conflict settings: Insights from A Thousand Splendid Suns	2026	Journal of Human Behavior in the Social Environment						Article
4770	Harish Reddy P.; Jugunta S.B.; Divya C.; Munemma K.; Davanam G.	Mall Room Driven by Sensor Occupancy Detection Using Random Forest Algorithm	2026	Smart Innovation, Systems and Technologies	117 SIST			535	545	Conference paper
4771	Arora B.; Lather V.; Pathalingappa M.B.; Singh A.; Walia R.	Exploring Therapeutic Potential of Hydrotropic Solid Dispersions of Hesperidin and Naringenin for the Management of Diabetes and Obesity	2026	Current Drug Therapy	21	2		259	267	Article
4772	Prakash C.; Reddy B.R.; Kumar T.P.; Naresh C.	Theoretical Underpinnings of Sustainability Reporting and Financial Performance: Focusing on Stakeholder Theoryand Legitimacy Theory	2026	Risks, Innovations, and Corporate Social Responsibility in Finance and Accounting				159	187	Book chapter
4773	Pragadeeshwaran K.; Gurugnanam B.; Bagyaraj M.; Bairavi S.; Karunanidhi D.; Berhe B.A.	Groundwater potential zones demarcation in the hard rock province of South India: insights from remote sensing, GIS and AHP techniques	2026	Scientific Reports	16	1	6186			Article
4774	Neeraja P.; Sai P.R.; Yaswanth T.	Enhancing thalassemia diagnosis through decision tree algorithms and clinical data analysis	2026	AIP Conference Proceedings	3371	1	030002			Conference paper

S.No.	Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Document Type
4775	Velmurugan G.; Chohan J.S.; Babu K.; Abraar S.A.M.; Maranan R.; Natrayan L.; Sudhakar J.	Next-Gen Hybrid Nanocomposites: Exploring the Mechanical, Moisture Diffusion, and Acoustic Excellence of Basalt/Hibiscus Cannabinus/Graphene Composites	2026	Mechanics of Composite Materials	62	1		128	150	Article
4776	Gangavarapu V.S.; Rani S.U.; Swarnalatha S.; Malchi S.K.; Davanam G.; Neelima P.	Self-identifying Mental Health Status and Getting Guidance for Support Using Machine Learning Techniques	2026	Smart Innovation, Systems and Technologies	117	SIST		81	89	Conference paper
4777	Bhargavi P.; Yogesh K.R.; Rajkumar K.; Reddy S.C.K.; Mahesh C.	Hybrid Semantic-Linguistic Model for Accurate and Interpretable Fake Review Detection	2026	Proceedings of the 2026 6th International Conference on Image Processing and Capsule Networks, ICIPCN 2026				1120	1127	Conference paper
4778	Vardhan R.D.V.; Madhavi K.R.	An Attention-Guided GAN–DeiT Framework for Histopathological Lung Cancer Detection and Classification	2026	Ingenierie des Systemes d'Information	31	1		55	65	Article
4779	Reddy P.V.; Reddy K.B.P.; Reddy A.H.; Bangalore M.; Reddy C.N.; Ganesh D.	Advanced Image Steganography System - LSB Algorithm for Secure Data Hiding	2026	Proceedings of the 2026 6th International Conference on Image Processing and Capsule Networks, ICIPCN 2026				139	143	Conference paper
4780	Kasarapu R.; Venkata Sivaiah B.; Enjety R.; Chemarthipalli J.; Kuppam P.; Aaqib M.	Enhanced cloud security using post-quantum encryption techniques	2026	AIP Conference Proceedings	3371	1	040023			Conference paper
4781	Reddy R.; Kurunathan H.; Almeida L.; Gaitán M.G.; Chepuri D.	SDI2 - Software-Defined Intelligent Intersections for Smart Mobility	2026	Transportation Research Procedia	95			728	735	Conference paper
4782	Matangi S.P.; Samineni R.; Yazdan S.K.; Subramanyam S.; Devi S.; Gouru S.A.; Bonthagarala B.; Prasad G.; Sridevi V.	Phytochemical Screening and Microbicidal Activity of Siegesbeckia orientalis Against Human Bacterial Pathogens	2026	Journal of Natural Remedies	26	1		261	268	Article
4783	Leon M.L.; Mohanadoss P.; Selvam A.K.; Balamurugan K.; Gunasekaran R.; Divya N.; Kumar C.R.; Ferdous A.H.M.I.; Rashed A.N.Z.	High modulation depth and high modulated power with low noise figure for high speed modulation optical communication system performance signature	2026	Journal of Optics (India)	55	1		175	185	Article
4784	Rani K.S.; Nandagopal V.	Comparative analysis of zeta converter and conventional DC-DC converter using mother optimized FOPID controller in electric vehicles	2026	Electric Power Systems Research	252		112262			Article
4785	Ashraf M.W.A.; Avanija J.; Ballireddy T.R.R.; Singh A.R.; Bajaj M.; Rubanenko O.	Artificial intelligence-driven dynamic optimization for predictive maintenance and cybersecurity in smart power distribution networks	2026	Energy Exploration and Exploitation	44	2		771	798	Article
4786	Arokia Vijaya Anand M.; Yang C.-J.; Wang W.-L.; Yao C.-H.; Lai J.-Y.	Marine-derived polysaccharides enhance the drug delivery mechanism in the management of ocular diseases: A review	2026	International Journal of Biological Macromolecules	340		150199			Review
4787	Satyanarayana T.V.V.; Aravinda Babu T.; Vardhana Reddy K.V.; Venkat Reddy D.; Nageswara Rao M.V.	Ensemble quantum deep learning for segmentation and classification of central nervous system demyelinating diseases	2026	Biomedical Signal Processing and Control	113		108924			Article
4788	Bukya M.; Saivishal T.; Reddy P.U.; Gugulothu R.; Raghavendra G.; Kumar C.C.	Development of Sustainable Gravity Energy Storage Systems	2026	Lecture Notes in Mechanical Engineering				239	252	Conference paper
4789	Dhanalakshmi N.; Aouthu S.; Swamy K.V.; Yerram S.; Gireesh N.; Dilli R.	PERFORMANCE ANALYSIS OF RF SYSTEM IMPERFECTIONS IN 6G RADIO COMMUNICATION AT SUB-THz BANDS	2026	Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)	85	1		75	89	Article
4790	Ragupathi K.; Paramasivam P.M.; Rao V.V.G.; Leon M.L.; Raja A.; Chandana B.H.; Prabu R.T.; Rashed A.N.Z.; Ferdous A.H.M.I.	Estimated time dispersion and delay through free space optics transceiver communications performance signature in the presence of adverse atmospheric conditions	2026	Journal of Optics (India)	55	1		875	886	Article
4791	Vignesh C.S.; Sreekar G.; Chandu N.; Pracheth P.; Anitha C.	AI-Enhanced Blockchain Framework for Autonomous Forensic Evidence Integrity Verification	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				1343	1349	Conference paper
4792	Mehta H.; Ramrao N.; Sharan P.	Fiber-optic machine learning for perimeter intrusion classification	2026	Optics Continuum	5	2	586006	560	574	Article
4793	Arunprasath K.; Shanawaz A.M.; Kavitha S.; Narayanaperumal S.; Solaman Bobby S.; Velmurugan G.	Metallic additive manufacturing: State-of-the-art, process-structure-property relationships, and emerging trends	2026	Journal of Materials Research and Technology	42			1241	1275	Article
4794	Krupakaran R.L.; Petla R.; Anchupogu P.; Umamaheswarrao P.; Satya Meher R.; Dunna V.	Enhanced Solar Desalination Using Natural Dolomite-Integrated PCM and MWCN Thermal Storage: An Experimental Study	2026	SAE Technical Papers						Conference paper
4795	Vagestan P.K.; Periyasamy M.; Sakthimurugan K.; Navaneeth Kumar M.P.; Datta Aamogh L.V.; Shekar Y.; Gari Sneha N.	Seismic analysis of multi-storey building with shear walls using ETABS	2026	EPJ Web of Conferences	345		01031			Conference paper
4796	Kumaravel T.; Kaliyaperumal R.	Nanocomposite Biomaterials: Integrating Nature with Nanotechnology	2026	Nanotechnology in the Life Sciences	Part F1218			163	175	Book chapter
4797	Ramya M.; Devaraju T.	Bio-inspired superb fairy-wren optimization framework for post-islanding energy management in hybrid microgrids	2026	Sustainable Computing: Informatics and Systems	50		101351			Article

S.No.	Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Document Type
4798	Kumar M.R.; Meher R.S.; Kumari A.S.	Energy-efficient refrigeration: The role of TiO2 nanoparticles in R600a/R290 refrigerant blends	2026	Journal of Thermal Engineering	12	1		323	334	Article
4799	Thrinath B.V.S.; Prabhakar S.; Mohan Reddy K.J.; Karthivya T.; Boyinasetty V.B.; Mahitha Y.	Material Evaluation for High Torque Density Synchronous Reluctance Motors in Electric Vehicle Applications	2026	2026 International Conference on Electric Power and Renewable Energy, EPREC 2026						Conference paper
4800	Krishna N.V.; Rao C.M.	Cardiovascular Care Using A Hybrid MI/DI Framework for Early Detection and Real-Time Monitoring	2026	Indian Journal of Information Sources and Services	16	1		801	810	Article
4801	Palanikumar S.; Patel S.; Nagalakshmi T.J.; Ashokkumar N.	Image processing techniques for monitoring environmental changes due to global warming	2026	International Journal of Global Warming	38	1		1	16	Article
4802	Kumar B.H.; Seenu A.; Mandala V.	A Unified Framework for Scalable and Intelligent DataProcessing: Integrating Artificial Intelligence, Big Data Analytics, Data Engineering Pipelines, and Cloud-Native Architectures	2026	Lecture Notes in Networks and Systems	1829 LNNS			267	281	Conference paper
4803	Jyothsna V.; Guttapalem R.H.; Kothuru R.P.; Bandi V.; Balam S.; Nitheesh P.	Enhancing IoT security with hybrid feature selection and deep learning for botnet attack detection	2026	AIP Conference Proceedings	3371	1	020017			Conference paper
4804	Jyotheeswari P.; Sowmya Vani M.; Tamirisa Y.	Electronic court hearing and case management system	2026	AIP Conference Proceedings	3371	1	040021			Conference paper
4805	Arokia Vijaya Anand M.; Wang W.-L.; Yang C.-J.; Lai J.-Y.; Yao C.-H.	Snail as a multifunctional biological resource: Nutritional value and pharmacological applications	2026	Food Research International	223		117872			Review
4806	Mounika K.; Dharani Prasad P.	LC–HRMS, Molecular Docking, and ADMET-Based Evaluation of Qurs-E-Ziabetes Khas for Antidiabetic Potential	2026	International Journal of Drug Delivery Technology	16	1		8	33	Article
4807	Sarmah C.; Sarma P.; Dankan Gowda V.; Singh P.; Naveen N.; Anil Kumar A.K.	Image Processing-Based Recognition of Sattriya Dance Hand Mudras using a Hybrid CNN-SVM Model for Pattern Recognition in Signal Processing Applications	2026	SSRG International Journal of Electronics and Communication Engineering	13	2		53	67	Article
4808	Raju K.N.; Arunvivek G.K.	Mechanical and durability performance prediction of geopolymer incorporating ferrosilicon slag and aluminum powder using machine learning techniques	2026	Scientific Reports	16	1	4333			Article
4809	Jyothsna V.; Devarshini R.; Hemanth P.; Shakeeb S.M.; Salvar S.K.; Baseer K.K.	Phishalert: Real-time detection and analysis of malicious URLs using advanced machine learning models	2026	AIP Conference Proceedings	3371	1	030007			Conference paper
4810	Subramaniam C.; Velusamy M.; Kumarasamy S.P.; Palanistry S.; Alagarsamy A.; Alfarraj S.A.; Belay M.; Abbas M.; Kalathil S.; Alharbi S.A.	Experimental investigation of turning parameters of AISI 304 stainless steel optimized using Taguchi and ANFIS models based on CSR	2026	International Journal of Advanced Manufacturing Technology						Article
4811	Nandagopal V.; Bhaskar K.B.; Periakaruppan S.; Raj V.A.C.; Wong W.K.; Ng P.K.	A hierarchical fusion framework for vehicle to grid energy management using predictive intelligence and learning based pricing	2026	Scientific Reports	16	1	6019			Article
4812	Raghuramapatruni R.; Ramana S.V.; Anand N.; Banerjee A.; Sachuthananthan B.	Investigation of Consumer Preferences and Purchase Intentions in Health-conscious Markets for Legumes as a Sustainable Protein Source	2026	Asian Journal of Dairy and Food Research	45	1		61	69	Article
4813	Ganesh A.C.; Kumar M.V.; Raju H.P.; Anitha K.; Prashath J.R.	Utilization of Cassava Peel Ash as a Partial Replacement of Precursor Material for the GGBS Based Geopolymer Concrete	2026	International Journal of Pavement Research and Technology						Article
4814	Mariprasath T.; Shivashimpiger S.; Rivera M.; Wheeler P.; Reddy M.P.P.; Ali S.M.; Peruthambi V.; Bonaldo J.	An experimental investigation of unique high stepup boost converter for electric vehicle and solar photovoltaic	2026	Scientific Reports	16	1	2402			Article
4815	Nesteena K.N.; Krishnan G.H.; Parthiban V.; Krishna S.; Sarkar S.	In Silico Identification of 9-Amino Camptothecin as a Dual Inhibitor of VEGF-A and VEGF-B in N1–N8 Breast Cancer	2026	Biotechnology and Applied Biochemistry	73	2		757	767	Article
4816	Saranya T.S.; Yucel S.; Balaji S.S.; Naila P.; Sarkar K.; Mathew N.S.; Laishram L.; Gupta S.K.; Jha M.; Yucel R.	Neurocognitive modeling of emotional states using EEG and hidden markov models: A multidisciplinary approach	2026	Multidisciplinary Science Journal	8	5	e2026296			Article
4817	Nanthakumar G.; Chandra Priya J.; Karthika K.; Jyothi Babu A.	Efficient Analytics and Fuzzy Call Admission Control With Adaptive Scheduling for Enhanced Quality of Service in 6G IoT for Multimedia Streaming	2026	International Journal of Communication Systems	39	4	e70392			Article
4818	Udayakumar N.; Nathaniel Kumar Prakash S.; Meghana G.; Sudharsan P.; Kavitha P.; Munikeerthana V.; Naga Pallavi V.	Quantum Machine Learning for Predicting Molecular Interaction and Structure-Based Drug Design - A Review	2026	International Journal of Drug Delivery Technology	16	1		59	71	Review
4819	Dindukurthy N.; Malchi S.K.; Reddy A.B.; Davanam G.; Yethish Y.; Sushama C.	Identifying Various Medicinal Plants for Image Processing Using Machine Learning Algorithms	2026	Smart Innovation, Systems and Technologies	117 SIST			91	99	Conference paper
4820	Prathima C.; Madhuri C.B.; Nagella N.H.; Razaq S.A.; Gurunath P.; Sashank M.	A novel approach to enhance crop yield with seed quality analysis and machine learning approaches	2026	AIP Conference Proceedings	3371	1	040027			Conference paper
4821	Rama Subba Reddy B.; Yogesh V.; Pragathi N.; Gayathri N.V.; Khushith Babu K.	A Secure Ownership-Verified Framework for Encrypted Deduplicated Cloud Storage	2026	Proceedings of 4th International Conference on Electronics and Renewable Systems, ICEARS 2026				1540	1545	Conference paper
4822	Bhasha P.; Nandini P.; Vijay Kumar U.; Mustak Moulana V.S.; Dharmik R.; Pavan Kumar T.	Real-time traffic optimization using reinforcement learning-based adaptive traffic light control	2026	AIP Conference Proceedings	3371	1	020012			Conference paper
4823	Narasimhulu K.; Ganesh D.; Sreeja N.; Gutam B.G.; Chamundeswari P.; Barbara K.	YOLOv8 Integrated with Open CV: Vehicle Detection and Counting	2026	Smart Innovation, Systems and Technologies	117 SIST			349	359	Conference paper

S.No.	Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Document Type
4824	Sekhar M.C.; Shilpa N.; Jaiswal P.; Venkatakrishnamoorthy T.; Dharani M.; Maram R.R.	Enhanced Multilingual Medical Knowledge Extraction and Disease Diagnosis with Optimized Large Language Models	2026	Communications in Computer and Information Science	2635	CCIS		517	527	Conference paper
4825	Kaur P.; Mfinanga A.G.; Harish V.; Mohd S.; Yanadaiah J.P.; Yanadaiah P.; Manubolu K.	Therapeutic Frontiers in diabetic foot ulcers: Bridging science and clinical practice	2026	Obesity Medicine	59		100678			Article
4826	Yogendra Prasad P.; Ramu M.; Yuvaneetha S.; Naidu V.L.; Lavanya C.M.; Lokesh C.	Email spam filtering with machine learning and natural language processing techniques	2026	AIP Conference Proceedings	3371	1	030004			Conference paper
4827	Jyothsna B.; Jyothsna V.	Securing IoT ecosystems against DDoS attacks: A multi-tier security framework for enhanced defense	2026	AIP Conference Proceedings	3371	1	020002			Conference paper
4828	Shanmugam K.; Deivasigamani V.; Arunvivek G.K.; Olaiya B.C.	Effect of nano-silica and sisal fibre on the mechanical and durability properties of concrete	2026	Scientific Reports	16	1	8212			Article
4829	Lingaraj A.; Shankara Murthy M.; Prabhuraj A.; Maheswara Reddy P.; Meghana K.J.; Kalleshwaraswamy C.M.	AGRICULTURALLY IMPORTANT HELIOTHINAE (LEPIDOPTERA: NOCTUIDAE) FROM KALYANA KARNATAKA REGION OF KARNATAKA: TAXONOMIC STUDIES WITH DNA BARCODE DATA	2026	Indian Journal of Entomology	88	4	e25048	1106	1116	Article
4830	Pappa C.K.; Kumar N.A.; Kabilamani; Venkataramanan C.; Porkodi K.P.; Nagaraja P.	Digital Rights Management System with RC4-2S Encryption Technique	2026	De Gruyter Proceedings in Mathematics				441	451	Conference paper
4831	Mayuri M.; Reddy Kandula S.; Ramakrishna V.; Sanka P.; Sidde G.P.; Muzzamil S.M.; Uppara H.B.; Prasad P.D.	Cutting edge therapies: A review of Food and Drug Administration-approved drugs for non-small cell lung cancer	2026	International Journal of Cancer	158	10		2512	2519	Review
4832	Kiran K.; Devaraju T.	Enhancing Power System Security Using Machine Learning And SPBO-Optimized Generation Allocation	2026	SSRG International Journal of Electrical and Electronics Engineering	13	1		31	39	Article


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Annexure-16.d

Information about the Number of Books Published (2022-2026)

S.No.	Department	Authors Name	Book Title	Publishers Details	ISBN
2022-23					
1	EEE	Dr. P.Umapathi Reddy	Power Quality	ICAP Publisher	978-81-964739-5-2
2	EEE	Dr.S.Farook	Electrical Machines Scientific International Publishing House	Scientific International Publishing House	978-93-5757-286-6
3	EEE	Dr.V.Arun	Renewable Energy	Scientific International Publishing House	978-93-5757-270-5
4	EEE	Dr.N.M.G.Kumar	Power Quality Engineering	Scientific International Publishing House	978-93-5625-498-5
5	EEE	Dr.G.Harikrishnan	Internet of Things Enabling Technologies and Use Cases	Scientific International Publishing House	978-93-5757-332-0
6	EEE	Dr.S.Prabhu	Propulsion Motors	RLE publishers	979-82-1512-731-5
7	EEE	Mr.B.V.Sai Thrinath	Testing of Materials	Notion Press	979-88-8869-231-8
8	EEE	Dr.I.Kumaraswamy	Analog Electronics Circuits	Notion Press	979-88-8833-861-2
9	EEE	Dr.V.Arun	Measurement and Instrumentation	Scientific International Publishing House	978-93-5625-400-8
10	Data Science	Dr. K. RAMANI	ARTIFICIAL INTELLIGENT AND MACHINE LEARNING	SRI KRISHNA HITECH PUBLISHING COMPANY CHENNAI	978-81-19432-25-7
11	Data Science	Dr.C.SIVAKUMAR	THEROY OF COMPUTATION	SRI KRISHNA HITECH PUBLISHING COMPANY CHENNAI	978-81-19432-26-4
12	Data Science	Ms. Ch. Prathima	DATABASE MANAGEMENT SYSTEMS	SRI KRISHNA HITECH PUBLISHING COMPANY CHENNAI	978-81-19432-27-1
13	Data Science	Ms. C. Silpa	Computer Networks	Book Rivers	978-93-5515-679-2
14	Data Science	Ms. C. Silpa	Web Technologies	Book Rivers	978-93-5515-746-1
15	Data Science	Dr. K.K. Baseer	Machine Learning Mastery	Xoffencer International Book Publication House	978-81-1934-124-2
16	Data Science	Dr. C. Siva Kumar and Dr. P. Dhana	PROBLEM SOLVING AND PYTHON PROGRAMMING	PROFESSIONAL PUBLISHER	978-07-6887-990-7
17	Data Science	Dr. C. Anitha	Data and information Security	Scientific international publication	976-93-5625-319-3
18	Data Science	Dr. C. Anitha	Skill Development Initiatives in Entrepreneurship StartUp in India',	Weser Books Publication, Germany	396-49-2398-418-2
19	Data Science	Mr. P. YOGENDRA PRASAD Mr. M. Ramu and Mr. S. Shiva Prakash	Programming in C	PROFESSIONAL PBBLISHER	978-93-8075-794-0
20	CSE	Dr. Cuddapah Anitha	Introduction to Cryptocurrency and Cyber Security	Al[ha Internations Publications	978-93-5762-085-7
21	CSE	Dr. D. Ganesh	Data Structures and Algorithms	Indo-Continental Academic Publishers	978-81-960146-3-6
22	CSE	Mr. Kurakula Arun Kumar	IIOT Design Principles and Application Domains	GCS Publishers	978-93-94304-75-8
23	CSE	A. Basi Reddy	A Modern Communication in Artificial Intelligence	Charulatha Publishers	978-93-5577-826-0
24	CSE	A. Basi Reddy	Introduction to cyber prevention and cyber Physical system	Scientific International Publishcation	978-93-5757-327-6
25	AI&ML	Dr.J.Avanija	Innovations in the Industrial Internet of Things(IIoT) and Smart Security	IGI Global	978-17-9983-375-8
26	AI&ML	Mr.Gokul Pran	Operating Systems	Notion Press	979-86-8704-242-8
27	AI&ML	Dr.D.Ganesh	Eefective Solutions for Cross Layer Attacks in Cognitive Radio Network	LAMBERT	978-62-0474-875-7
28	AI&ML	Mr.P.Dayakar	Internet of Things	LAMBERT	978-62-0475-179-5
29	AI&ML	Dr.G.Sunitha	Outcome Based Education	Notion	979-88-8684-173-2
30	AI&ML	Dr.C.S.Sushama	Neural Networks	South Asian Academic Publications	978-93-9215-303-7
31	AI&ML	Dr.B.Narendra Kumar Rao	Intelligent Computing and Applications	Springer	978-981-19-4162-7
32	AI&ML	Mr.Gokul Pran	PROBLEM SOLVING AND PYTHON PROGRAMMING	Genre	9798-889-35-580-9

S.No.	Department	Authors Name	Book Title	Publishers Details	ISBN
33	CA	Mr. S. Girinath	Industry Oriented Advanced Salesforce Applications Vol.2	INDO-CONTINENTAL ACADEMIC Publishers	978-81-963033-9-6
34	CA	Dr. M. Sisrish Kumar	Python Programming	GCS Publishers	978-81-961769-3-8
35	CA	Dr. A. Joythi Babu	Building Modern Web Apps using AWS & UI Path	INDO-CONTINENTAL ACADEMIC Publishers	978-81-963533-2-2
36	CA	Mrs. Lingala Sivaranjani	Artificial Intelligence	Charulatha Publications	978-93-5577-684-6
37	CA	Ms. Malepati sowmya Vani	Industry Oriented Advanced Salesforce Applications Vol.1	INDO-CONTINENTAL ACADEMIC Publishers	978-81-963033-8-9
38	CA	Ms. Peddinti Neeraja	Hands on Machine Learning Artificial Intelligence for cyber Security	INDO-CONTINENTAL ACADEMIC Publishers	978-81-963533-0-8
39	Pharmacognosy	Dr. Janapati Pedda YAnadaiah	Pharmacology learn at a glance	Sai Dheekshitha Publications	978-93-5812-901-4
40	Pharmacognosy	Dr. Lakshman Kumar Dogiparthi	Computer-aided Drug Development	Integrated Publications	978-93-5834-023-5
41	Pharmacology	Dr.P.Dharani Prasad	Pharmacology III	Dotcom Publications	979-83-8634-284-5
42	Pharmaceutics	Dr. V.Shanmgam	Text book of Pharmaceutics-I	Shaswat ublications	978-81-1990-825-7
43	ECE	Dr. V. Vijaya Kishore, Mr. L. Lakshmi P. Kumar, Dr. Madhusudhana Barusu, Mrs. M. Jayalakshmi	Electronic Circuits-1	SIP International Publishers	978-93-5625-187-8
44	ECE	DR.K S CHAKRADHAR	RF and Microwave Engineering	Scientific International Publishing House	978-93-5625-196-0
45	ECE	DR.K S CHAKRADHAR	Fundamentals of Digital Electronics	GCS Publishers	978-73-9430-463-5
46	ECE	DR.K.S CHAKRADHAR	Op.Amps and Linear ICS	Scientific International Publishing House	978-93-5625-233-2
47	ECE	Dr.M.Dharani, Dr.G.Sreenivasulu	Machine Learning Algorithms	Lambert	978-62-0614-218-8
48	ECE	Dr. N Padmaja, Dr. Ch D V Subba Rao, M. Bharathi	Introduction to IoT	INdo Continental Academic Publishers	978-81-9601-464-3
49	ECE	Dr. p. Vijayakumar, Dr. A. V. Bharadwaja, Mr. Madhu G. C, Mr. M. Karthikeyan	Cryptography, Network Security, Cyber-Law	SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE	978-93-5625-121-2
50	ECE	Dr. N. Gireesh, Mr. Lakkakula Hari Prasad, Dr. Badugu Suresh, Dr. S. Sugumaran	Signals and Systems	SCIENTIFIC INTERNATIONAL PUBLISHING HOUSE	978-93-5757-217-0
51	Freshman	Dr.V. Ananthan, Dr. Prasanth R. Dhongle, Dr. Brijesh Kumar, Dr. K.Kumaraswamy Naidu	Partial Differential Equations	RK Publications	978-81-19140-75-6
52	Freshman	Dr. Banitamani Mallik, Dr. K. Anuradha, Dr. K. Nandagopal, Dr. N. Srimannarayana	Linear Algebra and Statistical Methods for Engineers	Infinite Research	978-81-965364-0-4
53	Freshman	C.Bheemappa, Dr C. Raghavendra Reddy	Unique Deity	Self published	978-93-5346-781-4
54	Freshman	Dr.C. Raghavendra Reddy, Manisha Mistry, Mahesh Shinde, B.Reddy Prasad	Communicative English	Vijayam Publications	978-93-90427-27-7
55	Freshman	Dr. M. Ravichand, Dr. P. Tamlarasan, G. Akil Raj, Dr. J. Ahamed, Dr. J. Ahamed Meeran	Communication Skills	Good Writers Publishing	978-93-5756-002-3
56	Freshman	Dr. M. Ravichand, Dr. Ram Subbaiah, Dr. Ch. Lakshmana Rao, Dr. Tasneem Kausar H. Khan	Universal Human Values and Professional Ethics	Book Rivers	978-93-5515-980-9

S.No.	Department	Authors Name	Book Title	Publishers Details	ISBN
			2023-24		
57	Data Science	Dr. V. Jyothsna	ROBOTICS AND IOT	Scientific International Publishing House	978-93-6132-613-4
58	Computer Science and Engineering	Dr. Cuddapah Anitha	Introduction to Cryptocurrency and Cyber Security	Alpha International Publisher (AIP)	978-93-5762-085-7
59	Computer Science and Engineering	Dr. KONDA HARI KRISHNA	Cloud Computing Technology and Application	JEC Publication	978-93-5850-531-3
60	Computer Science and Engineering	Dr. KONDA HARI KRISHNA	Data Analytics Principles, Tools, and Practices	JEC Publication	978-93-5850-592-4
61	AI&ML	Avanija, J., Sunitha, G., Madhavi, K.R.,	Innovations in the industrial internet of things (IIoT) and smart factory	IGI Global	9781799833758
62	Computer Applications	Dr.K.Sailaja	Advanced computer networks Architectures,Protocols and technologies	Indo-continental academic publishers	978-81-965203-2-8
63	Computer Applications	Dr. A. Jyothi Babu	Inferencial Statistical Techniques	Sahasra Publications	ISBN:978-81-19093-19-9
64	EEE	Dr.V.Nandagopal	Electronic Instruments and Measurements	Prime International Publication	978-93-6010-428-3
65	EEE	Dr Suresh Babu Daram	Electric Circuit Design	Scientific International Publishing House	978-93-6132-433-6
66	ECE	DR K S CHAKRADHAR	Digital Signal processing	Indo-Continental Academic Publishers	978-81-9647-399-0
67	ECE	Dr.P.Geetha	Introduction To VLSI System	REST Publisher	978-81-973521-3-3
68	Physics	YB Kishore Kumar	An Introduction to Thermal Physics	scientific international publishing house	978-93-6132-012-5
69	Pharmacy (Pharmaceutics)	Dr. S. Prasanthi	Novel Drug Delivery Systems	RK Publications	978-81-970793-5-1
70	Agriculture	Dr. Gayathri Gorla	Recent Advancements in Plant Protection	Golden Leaf Publishers	ISBN: 978-81-19906-22-2
71	Agriculture	Dr. Gayathri Gorla	Research and Innovations In Plant Protection	Shine Book Publishers	ISBN: 9788197217234
72	Agriculture	Dr. Gayathri Gorla	Gender Sensitization and Empowerment in Agriculture	content vibes publishers	PRINT ISBN: 978-93-67552-18-6 E-ISBN: 978-93-67551-99-8
73	Freshman	Dr. K. Nandagopal	Teacher Education General and Modern Perspective	Academic Guru Publishing House	987-93-95468-20-6
74	AI&ML	Dr.B.Narendra Kumar Rao	Engineering the Metaverse Enabling technologies, platforms and use cases	The Institution of Engineering and Technology	978-1-83953-880-3
75	AI&ML	Dr.B.Narendra Kumar Rao	Real-Time Artificial Intelligence (AI):Key Motivations, Technologies, Platforms, and Use Cases Key Motivations, Technologies, Platforms, and Use Cases	Apple Academic Press	978-1-99851-134-1
76	Scool of Pharmaceutical Sciences	Dr.G. Dharmamoorthy	Text Book of Pharmaceutical Analysis	Integrated Publications	978-93-5834-188-1
77	Scool of Pharmaceutical Sciences	Dr.G. Dharmamoorthy	Text Book of Pharmaceutical Inorganic Chemistry	SproutPublication	SBN: 9788197297168
78	MB School of Pharmaceutical Sciences	Dr. D. Lakshman Kumar	Computer Aided Drug Development	Integrated Publications	ISBN: 9789358340235
79	Scool of Pharmaceutical Sciences	Dr.P. Dharaniprasad	Revolutionizing Healthcare: The Role of Artificial Intelligence in Personalized Medicine	Edisun Consulting Services	ASIN : B0CC1X8742

S.No.	Department	Authors Name	Book Title	Publishers Details	ISBN
			2024-25		
80	Data Science	Mr. P. Bhasha	Blockchain Decentralized Innovation for a Connected World	Scientific Research Organization (Sciro) Pvt.Ltd. (3	ISBN:978-93-340-9145-8
81	Computer Science and	Dr. Cuddapah Anitha	DATA COMMUNICATION AND NETWORKS	PRIME INTERNATIONAL PUBLICATION	ISBN::978-93-6010-821-2
82	Computer Science and	Dr.B.Rama Subba Reddy	Python Essentials	Scientific International Publishing House	ISBN::974-93-4474-531-2
83	ECE	Dr.Mundluru Dharani	Digital VLSI Design	SIP International Publisher	ISBN::978-93-6674-579-4
84	ECE	Dr.P.Geetha	Intelligent Robotics with IOT Integration	REST Publisher	ISBN::978-81-978845-1-1
85	ECE	Dr.P.Geetha	BITCOIN TECHNOLOGY	REST Publisher	ISBN::978-81-983659-1-0
86	ECE	Dr.Hirald Dwaraka Praveena	Electromagnetic Fields & Waveguides	Scientific International Publishing House	ISBN::978-93-6674-912-9
87	Nursing	Dr.Roja Chokkara	A Text Book of Community Health Nursing-I for B.Sc Nursing	Vijayam Publications	ISBN:: 978-93-95454-72-8
88	DBCS	Dr.M.Arokia Vijaya Anand	Medicinal Lichens Unveiled: A Comprehensive Guide to 100	LAP LAMBERT Academic Publishing	ISBN::978-6209032493
89	DBCS	Dr.K.Raja	Human Nutrition Through the Life Span: Growth, Developme	Deep Science Publishing	ISBN::978-93-7185-246-3
90	ECE	Dr. K. S. Chakradhar	Foundations of Deep Learning Theory and Applications	Phyto Electron Technologies	ISBN::978-81-977142-7-6
91	ECE	Dr. Amit Gangopadhyay	Python Programming Fundamentals: A Practical Introduction	Libro International Publishers, India	ISBN::9788195970829 / 97881959
92	ECE	Dr. N. Padmaja	Digital Electronics & Micro Controllers	Not clearly visible in uploaded file	ISBN::978-81-980903-7-9
93	SOCM	Dr T. Madhavi	Research Methodology Fundamentals	Scientific International Publishing House	ISBN::978-93-6674-164-2
			2025-26		
94	ECE	Dr. K. S. Chakradhar	Analog electronic Circuits	Garuda Publishers	ISBN:978-81-991971-4-5
95	SOCM	Dr T. Madhavi	Revolutionizing Business Through Digital Technology	Scientific International Publishing House	ISBN:978-93-7196-105-9
96	SOCM	Dr. P. Subramanyachary	Transforming Business Management for Sustainable Growth	Shelf Publications	ISBN:978-93-5602-761-9
97	SOCM	Dr. MAHADEVAN M	Green Human Resource Management	Scientific International Publishing House	ISBN:978-93-7196-330-5
98	SOCM	Dr. MAHADEVAN M	Human Resources Analytics for Decision Making	Scientific International Publishing House	ISBN:978-93-7196-685-6
99	SOPHAS	Mr. A Jayaprakash	Handbook of Dialysis - A Comprehensive Guide for Dialysis	Evince Pub Publishing	ISBN: 976-93-6355-891-5
100	SOPHAS	R. S. Angeline Yhudhiya	Respiratory Therapy and Methacholine Broncho Provocation	Evince Pub Publishing	ISBN: 976-93-7335-069-3
101	ECE	Dr. P. Geetha	5G Mobile Communications Systems	REST Publisher	ISBN: 978-81-987529-3-2
102	ECE	Dr. P. Geetha	Microelectronics and VLSI Design	REST Publisher	ISBN: 978-81-985636-9-9
103	ECE	Dr.Mundluru Dharani	Deep Learning	NTL Publications	ISBN: 978-81-19762-84-2

Annexure – 16.e

Details of Patents Filed & Published:

INTELLECTUAL PROPERTY RIGHTS DETAILS (PATENTS – 2022, 2023, 2024, 2025 and 2026)

Patents								
S. No	Department	Title	Name of The Inventor(S)	Name of The Applicant(S)	Date of Filing (dd-mm-yy)	Date of Published (dd-mm-yy)	Application / Reference No.	Current Status (Filed/Published/Under Examination/Grant/etc)
2022								
1	Patent, CSE	Iot Based Omicron Emergedin A Covid - 19 Testing Booth Enabled With Thermal Image Detection Of Visitor	1. Bipasa Patra 2. Dr.Shshi Bhushan 3. Venkata Naga Rani Bandaru 4. Dr.Monoj Kumar S B 5. Divyashree R.H 6. K.Kalaivani	1. Bipasa Patra 2. Dr.Shshi Bhushan 3. Venkata Naga Rani Bandaru 4. Dr.Monoj Kumar S B 5. Divyashree R.H 6. K.Kalaivani	03-01-2022	25-02-2022	202221000262	Filed And Published, Awaiting Request For Examination

2	Patent, CSE	Intelligent Vote Casting Method To Prevent The Fake Voting And Implementation Of Automated Polling System Using Raspberry Pi	1. Dr. M. I. Thariq Hussan 2. Ravula Arun Kumar 3. Kurakula Arun Kumar 4. Dr. P. Namratha 5. Dr. T. Charan Singh 6. Idimadakala Madhavalatha	1. Dr. M. I. Thariq Hussan 2. Ravula Arun Kumar 3. Kurakula Arun Kumar 4. Dr. P. Namratha 5. Dr. T. Charan Singh 6. Idimadakala Madhavalatha	05-01-2022	14-01-2022	202241000543	Filed And Published, Awaiting Request For Examination
3	Patent, EEE	Economic And Environmental Controls For Smart Grids From Spatiotemporal Optimization Of Electric Vehicle Charging	1. Dr. N M G Kumar 2. Dr. S.Sivaganesan 3. Mr. T.Sathesh Kumar 4. Er. M.Gunasekaran 5. Dr. Umavathi M 6. Dr. A.Purushothaman 7. Mr. A.Abdul Hayum 8. Mr. A.Vidhyasekar 9. Dr. Ajay Singh Yadav 10. Dr. R. Venkatasubramanian	1. Dr. N M G Kumar 2. Dr. S.Sivaganesan 3. Mr. T.Sathesh Kumar 4. Er. M.Gunasekaran 5. Dr. Umavathi M 6. Dr. A.Purushothaman 7. Mr. A.Abdul Hayum 8. Mr. A.Vidhyasekar 9. Dr. Ajay Singh Yadav 10. Dr. R. Venkatasubramanian	10-01-2022	28-01-2022	202241001294	Filed And Published, Awaiting Request For Examination
4	Patent, CSSE	Agry-Drone: A Dynamic Web Based Drone Driven Crop Yield Estimation Model For Agriculture Farms	1. Dr. P. Dhanalakshmi 2. Mr. E. Gokulakannan 3. Mr.S.Rajkumar 4. Dr. J. Sathya Priya 5. Dr. A. Delphin Carolina Rani 6. Dr.K.Venkatraman 7. Dr.S. Saraswathi 8. Dr. Chockalingam Singaravelu 9. Dr. S.Manikandan 10. Prof K.Kalaivani 11. Prof. P.Anandraj 12. Prof. S.Palani Murugan	1. Dr. P. Dhanalakshmi 2. Mr. E. Gokulakannan 3. Mr.S.Rajkumar 4. Dr. J. Sathya Priya 5. Dr. A. Delphin Carolina Rani 6. Dr.K.Venkatraman 7. Dr.S. Saraswathi 8. Dr. Chockalingam Singaravelu 9. Dr. S.Manikandan 10. Prof K.Kalaivani 11. Prof. P.Anandraj 12. Prof. S.Palani Murugan	11-01-2022	28-01-2022	202241001415	Filed And Published, Awaiting Request For Examination

5	Patent, IT	Iot And MI Based Plant Disease Detection And Classification Using Image-Processing	1. Dr. S. Krishna Kumari 2. Dr.J.R.Arunkumar 3. Neeraj Rohilla 4. Dr. Munishwar Rai 5. Mrs.K.E. Lakshmiprabha 6. Dr. Mandeep Kaur Sandhu 7. Dr.S.Ramesh	1. Dr. S. Krishna Kumari 2. Dr.J.R.Arunkumar 3. Neeraj Rohilla 4. Dr. Munishwar Rai 5. Mrs.K.E. Lakshmiprabha 6. Dr. Mandeep Kaur Sandhu 7. Dr.S.Ramesh	04-02-2022	11-02-2022	202241006146	Filed And Published, Awaiting Request For Examination
6	Patent, EIE	Iot Based Smart Material For Ev Segment Using Wire Electrical Discharge Machining Thereof	1.Dr.J.Jayapriya 2.J.Thirunavukkarasu 3.D.Rajalakshmi 4.S.Rajeswari 5.R.Prabavathi 6.Kavinilavu A 7.Dr.Y.Dileep Kumar 8.Anil Kumar N 9.Dr.M.Praveen Kumar 10.G Vamsi Krishna 11.S.V.Rajesh Kumar 12.A.Mahesh Reddy	1.Dr.J.Jayapriya 2.J.Thirunavukkarasu 3.D.Rajalakshmi 4.S.Rajeswari 5.R.Prabavathi 6.Kavinilavu A 7.Dr.Y.Dileep Kumar 8.Anil Kumar N 9.Dr.M.Praveen Kumar 10.G Vamsi Krishna 11.S.V.Rajesh Kumar 12.A.Mahesh Reddy	08-02-2022	11-02-2022	202241006784	Filed And Published, Awaiting Request For Examination
7	Patent, ECE	Crime Risk Forecasting Using Ai-Based Programming	1. Dr. T. V. V. Satyanarayana 2. Mrs. V Kalpana 3. Mr. G Hemanth Kumar 4. Mr. C Somasundar Reddy 5. Dr. V Vijaya Kishore 6. Mr. M. Venkatanaresh Sree Vidyanikethan Engineering College	1. Dr. T. V. V. Satyanarayana 2. Mrs. V Kalpana 3. Mr. G Hemanth Kumar 4. Mr. C Somasundar Reddy 5. Dr. V Vijaya Kishore 6. Mr. M. Venkatanaresh Sree Vidyanikethan Engineering College	09-02-2022	25-02-2022	202241006900	Filed And Published, Awaiting Request For Examination

8	Patent, ME	Paddy Dryer	1. Mr. J. Mohammed Azharudeen 2. Dr.Tan Koon Tatt 3. Mr. Gopalan Gomathi Sankar 4. Dr.G.Pitchayya Pillai 5. Dr.U.Arunachalam 6. Dr. Ramesh Raju 7. Dr.S.Nagarajan 8. Dr.Sivaraj Murugan 9. Dr.Sivakumar Paramasivam 10. Dr. Muthuraman Subbiah 11. Mr. J.Vairamuthu 12. Dr.R.Kamalakaran	1. Mr. J. Mohammed Azharudeen 2. Dr.Tan Koon Tatt 3. Mr. Gopalan Gomathi Sankar 4. Dr.G.Pitchayya Pillai 5. Dr.U.Arunachalam 6. Dr. Ramesh Raju 7. Dr.S.Nagarajan 8. Dr.Sivaraj Murugan 9. Dr.Sivakumar Paramasivam 10. Dr. Muthuraman Subbiah 11. Mr. J.Vairamuthu 12. Dr.R.Kamalakaran	28-02-2022	11-03-2022	202241010530	Filed And Published, Awaiting Request For Examination
9	Patent, CSE	Monitoring And Alerting Of Illegal Deforestation Using Internet Of Things And Drones	1. Dr.K.Kannan 2. Dr. Vaishali Wadhe 3. Dr.V.Dinesh Kumar 4. I. Jeya Daisy 5. V.Manimekalai 6. Dr.R.Thiagarajan 7. Dr.R.Chithra 8. Dr.D.Beulah David 9. Dr.Sheshang Degadwala	1. Dr.K.Kannan 2. Dr. Vaishali Wadhe 3. Dr.V.Dinesh Kumar 4. I. Jeya Daisy 5. V.Manimekalai 6. Dr.R.Thiagarajan 7. Dr.R.Chithra 8. Dr.D.Beulah David 9. Dr.Sheshang Degadwala	28-02-2022	11-03-2022	202241010623	Filed And Published, Awaiting Request For Examination

10	Patent, CSE	A Machine Learning Based System For Providing A Biomedical User Interface	1. Dr.M.V.P.Chandra Sekhara Rao 2. Dr. Ch. Sudha Sree 3. Dr.Mukta Jagdish 4. Dr.Sirisati Ranga Swamy 5. Dr.M.Sunil Kumar 6. Mr.Ravi Soni 7. Dr.Raghavender K.V 8. Dr. Phani Praveen Surapaneni 9. Mrs.S.Sindhura 10. Dr.Pambala Nageswara Rao	1. Dr.M.V.P.Chandra Sekhara Rao 2. Dr. Ch. Sudha Sree 3. Dr.Mukta Jagdish 4. Dr.Sirisati Ranga Swamy 5. Dr.M.Sunil Kumar 6. Mr.Ravi Soni 7. Dr.Raghavender K.V 8. Dr. Phani Praveen Surapaneni 9. Mrs.S.Sindhura 10. Dr.Pambala Nageswara Rao	02-03-2022	11-03-2022	202241011172	Filed And Published, Awaiting Request For Examination
11	Patent, GEBH	The Effects On The Financial And Economic Status Of The Country In Covid Pandemic & Is Damages On Human Health	1. Dr.Ravi Kumar T 2. Dr Bhupendra Kumar 3. Dr. Murugan N 4. Dr.Suhashini J 5. Ms. T Kusuma 6. Dr. S. Saravanan 7. Dr Brijesh Sathian	1. Dr.Ravi Kumar T 2. Dr Bhupendra Kumar 3. Dr. Murugan N 4. Dr.Suhashini J 5. Ms. T Kusuma 6. Dr. S. Saravanan 7. Dr Brijesh Sathian	14-03-2022	25-03-2022	202241013748	Filed And Published, Awaiting Request For Examination

12	Patent, ECE	Artificial Intelligence And Machine Learning Based Plant Leaf Disease Classification For Crop Yield	1 .Dr. N. Shanmugapriya 2 .Mrs. R. Dhivya 3 .Dr. Manish Raghunathrao Deshpande 4 .Mrs. Koyya Sreelatha 5 .Mr. Hemendra Pathak 6 .Mr. Abhishek Sharma 7 .Mrs. Madhuri Vikas Mane 8. Ms. Neelima K 9. Mr. Satyam 10. Mr. Neeruganti Vikram Teja	1 . Dr. N. Shanmugapriya 2 . Mrs. R. Dhivya 3 . Dr. Manish Raghunathrao Deshpande 4 . Mrs. Koyya Sreelatha 5 . Mr. Hemendra Pathak 6 . Mr. Abhishek Sharma 7 . Mrs. Madhuri Vikas Mane 8. Ms. Neelima K 9. Mr. Satyam 10. Mr. Neeruganti Vikram Teja	15-03-2022	25-03-2022	202241013923	Filed And Published, Awaiting Request For Examination
13	Patent, CSE	Waste Plastic and Kitchen Convert into an Energy	1.KSRM College of Engineering(A) 2. C Aruna 3.J. Navya Charitha 4. Dr. M V Rathnamma Ramana 5. Dr. V Venkata Reddy 6.Dr. N. Amaranatha Reddy 7.Dr. I. Srinivasula Reddy 8.Dr. A.V.Sriharsha 9.Ms. Kuraku Nirmala	1.KSRM College of Engineering(A) 2. C Aruna 3.J. Navya Charitha 4. Dr. M V Rathnamma 5. Dr. V Venkata Ramana 6.Dr. N. Amaranatha Reddy 7.Dr. I. Srinivasula Reddy 8.Dr. A.V.Sriharsha 9.Ms. Kuraku Nirmala	24-03-2022	08-04-2022	202241016690	Filed And Published, Awaiting Request For Examination

14	Patent, ME	WSN And Deep Learning (DI) Based Wind-Turbine Planetary Gearbox Condition Monitoring System	1. Prof. Natesh C P 2. Prof. Madhukumar K 3. Prof. Santhosh Kumar T C 4. Dr Godwin Glivin 5. Dr A Gnana Sagaya Raj 6. Mr. S.Baskaran 7. K Kirubakaran	1. Prof. Natesh C P 2. Prof. Madhukumar K 3. Prof. Santhosh Kumar T C 4. Dr Godwin Glivin 5. Dr A Gnana Sagaya Raj 6. Mr. S.Baskaran 7. K Kirubakaran	25-03-2022	01-04-2022	202241017103 A	Filed And Published, Awaiting Request For Examination
15	Patent, ME	A Bio Solar Cell Based System For Efficient Harvesting Of Solar Energy	1. Dr. Surendra Kumar Yadav 2. R Vinoth Kumar 3. D Deivasigamani 4. Dr.P.Pramila 5. Rashmi Suresh Bakhtiani 6. Dr.N.Murugalatha 7. D Balasubramanyam 8. Dr. K. Venkata Subba Reddy 9. Dr. Rajeev Raghuvanshi 10. Dr. A Gnana Sagaya Raj 11. Ravindrakumar Hanmant Yadav 12. Sumit Kumar	1. Dr. Surendra Kumar Yadav 2. R Vinoth Kumar 3. D Deivasigamani 4. Dr.P.Pramila 5. Rashmi Suresh Bakhtiani 6. Dr.N.Murugalatha 7. D Balasubramanyam 8. Dr. K. Venkata Subba Reddy 9. Dr. Rajeev Raghuvanshi 10. Dr. A Gnana Sagaya Raj 11. Ravindrakumar Hanmant Yadav 12. Sumit Kumar	25-03-2022	08-04-2022	202211017050 A	Filed And Published, Awaiting Request For Examination

16	Patent, CSE	Internet Of Things (Iot), AI, Wsn Based Electronic-Shopping Cart System Using Machine Language Algorithms	1. Dr.S.Selvakani 2. Mrs. K Vasumathi 3. Dr.S.Sathappan 4. Dr Aswini.J 5. Dr. Jayanta Chakraborti 6. Dr. Algubelly Yashwanth Reddy 7. Dr. Shantanu Pandurang Kanade 8. Dr. Shweta Rani 9. Dr. Md Ilyas 10. Mr. Vishal Warikoo 11. Mr.Raja Raju 12. Dr.Reshma V.K	1. Dr.S.Selvakani 2. Mrs. K Vasumathi 3. Dr.S.Sathappan 4. Dr Aswini.J 5. Dr. Jayanta Chakraborti 6. Dr. Algubelly Yashwanth Reddy 7. Dr. Shantanu Pandurang Kanade 8. Dr. Shweta Rani 9. Dr. Md Ilyas 10. Mr. Vishal Warikoo 11. Mr.Raja Raju 12. Dr.Reshma V.K	06-04-2022	22-04-2022	202241020760	Filed And Published, Awaiting Request For Examination
17	Patent, CSE	Smart City Power Management System Using 5g Technology	1 . Dr.Y.Krishna Priya 2 . Mr. Chengappa M R 3 . Mrs. P.Deepa 4 . Mrs.M.Vijayasanthi 5 . Dr. Arindam Ghosh 6 . Mr. S.Jaya Chandra	1 . Dr.Y.Krishna Priya 2 . Mr. Chengappa M R 3 . Mrs. P.Deepa 4 . Mrs.M.Vijayasanthi 5 . Dr. Arindam Ghosh 6 . Mr. S.Jaya Chandra	12-04-2022	13-05-2022	202241021684	Filed And Published, Awaiting Request For Examination

18	Patent, CSE	An Artificial Intelligence Based Integrated Iot Healthcare System For Cancer Care And Method Thereof	1 . Dr.Endluri Venkata Naga Jyothi 2 . Ms.M.Kranthi 3 . Dr. Vishalagoud.S.Patil 4 . Dr.B.Satyanarayana 5 . Dr.B.Hari Chandana 6 . Dr.B.Sridhar 7 . Dr.Amarendranath Choudhury 8 . Mr.V.R.Narasimharao Mondreti 9 . Dr.M.Sunil Kumar 10 . Dr.Kazi Kutubuddin Sayyad Liyakat	1 . Dr.Endluri Venkata Naga Jyothi 2 . Ms.M.Kranthi 3 . Dr. Vishalagoud.S.Patil 4 . Dr.B.Satyanarayana 5 . Dr.B.Hari Chandana 6 . Dr.B.Sridhar 7 . Dr.Amarendranath Choudhury 8 . Mr.V.R.Narasimharao Mondreti 9 . Dr.M.Sunil Kumar 10 . Dr.Kazi Kutubuddin Sayyad Liyakat	17-04-2022	13-05-2022	202241022606	Filed And Published, Awaiting Request For Examination
19	Patent, CSSE	High Sensitive Iot Nano Sensor For Data Acquisition And Processing	1. Dr. C. Sivakumar 2. Dr. Cuddapah Anitha 3. Mr. S. Shivaprakash 4. Dr. J. Jasmine 5. Dr. N. Yuvaraj 6. Mr. R. Arshath Raja 7. Mr. J. Logeshwaran	1. Dr. C. Sivakumar 2. Dr. Cuddapah Anitha 3. Mr. S. Shivaprakash 4. Dr. J. Jasmine 5. Dr. N. Yuvaraj 6. Mr. R. Arshath Raja 7. Mr. J. Logeshwaran	18-04-2022	06-05-2022	202241022698	Filed And Published, Awaiting Request For Examination

20	Patent, EIE	Artificial Intelligence-Based Computer Users Classification Using Keystroke Dynamics Data	) Mrs. K. Durga Bhavani 2) Mr. Om Prakash Singh 3) Dr. P. Mahizharuvi 4) Mr. Bal Krishna Saraswat 5) Mr. K. M. N. Chaitanya Kumar Reddy 6) Santwana Gudadhe 7) Shruti Chaudhari 8) Mr. Sai Sundara Sriramam Yadavalli	) Mrs. K. Durga Bhavani 2) Mr. Om Prakash Singh 3) Dr. P. Mahizharuvi 4) Mr. Bal Krishna Saraswat 5) Mr. K. M. N. Chaitanya Kumar Reddy 6) Santwana Gudadhe 7) Shruti Chaudhari 8) Mr. Sai Sundara Sriramam Yadavalli	27-04-2022	13-05-2022	202241024832A	Filed And Published, Awaiting Request For Examination
21	Patent, CSSE	Real Time Intelligent Surveillance Systems For Aged People Fall Detection	1. Dr. B. Rajalingam 2. Dr. P.Santosh Kumar 3. Dr. R. Santhosh Kumar 4. Dr.N.Nithiyanandam 5. Ms. Priyadharshini 6. Dr. E. Sophiya 7. Mr. P. Deepen 8. Dr. N. Satheesh 9. Dr. G. Jawaherlalnehr	1. Dr. B. Rajalingam 2. Dr. P.Santosh Kumar 3. Dr. R. Santhosh Kumar 4. Dr.N.Nithiyanandam 5. Ms. Priyadharshini 6. Dr. E. Sophiya 7. Mr. P. Deepen 8. Dr. N. Satheesh 9. Dr. G. Jawaherlalnehr	29-04-2022	13-05-2022	202241025101	Filed And Published, Awaiting Request For Examination

22	Patent, EEE	Nano Coating Of Super Capacitor On Car To Support Recharging Of Ev Vehicles On The Run Efficiently	1 . Dr.B.Siranthini 2 . Dr. N M G Kumar 3 . Sarveshwar Kasarla 4 . Dr.A.Parthiban 5 . Naveen Rana 6 . Sumit Kataria 7 . Nikhil Rastogi 8 . Yogendra Kumar 9 . Dr.S.Bharathidasan 10 . Pawan Suresh Kachave 11 . Anuja Manikrao Mopari 12 . Prashant Baburao Kharat	1 . Dr.B.Siranthini 2 . Dr. N M G Kumar 3 . Sarveshwar Kasarla 4 . Dr.A.Parthiban 5 . Naveen Rana 6 . Sumit Kataria 7 . Nikhil Rastogi 8 . Yogendra Kumar 9 . Dr.S.Bharathidasan 10 . Pawan Suresh Kachave 11 . Anuja Manikrao Mopari 12 . Prashant Baburao Kharat	08-05-2022	27-05-2022	202241026584	Filed And Published, Awaiting Request For Examination
23	Patent, GEBH	Development Of Educational Systems Using A Block Chain-Based Model	1. Dr. M. Ravichand 2. Aditi Chauha 3. Virendra Kumar Verma 4. Dr Uttam Vedu Nile 5. Shashi Punam 6. Dr Rupesh Ramesh Deore 7. Dr Amol Rameshwarrao Bhitar 8. Dr Sandip Subhash Bhavsar 9. Sanjeev Kumar 10. Deo Karan Ram 11. Ankit Jain 12. Ms Priyanka Aggarwal	1. Dr. M. Ravichand 2. Aditi Chauha 3. Virendra Kumar Verma 4. Dr Uttam Vedu Nile 5. Shashi Punam 6. Dr Rupesh Ramesh Deore 7. Dr Amol Rameshwarrao Bhitar 8. Dr Sandip Subhash Bhavsar 9. Sanjeev Kumar 10. Deo Karan Ram 11. Ankit Jain 12. Ms Priyanka Aggarwal	25-05-2022	10-06-2022	202211030106	Filed And Published, Awaiting Request For Examination

24	Patent, IT	A Machine Learning-Based Hybrid Intrusion Detection System For Detecting The Cyber-Physical Attacks	1. Dr. V. Jyothsna 2. Ms. E. Sandhya 3. Ms. C. Silpa 4. Ms. Ch. Prathima 5. Mr. G. M. Chanakya 6. Mr. P. Bhasha 7. Mr. Ch. Sreenu Babu	Sree Vidyanikethan Engineering College	23-05-2022	17-06-2022	202241029619	Granted Application, Patent Number :565657, 28-04-2025
25	Patent, ECE	Diagnosing Brain Damages Detection Over The Consciousness Using Machine Learning Approach	1. Mr.Satyam 2. Dr.K.Sampath Kumar 3. S.Saravanakumar 4. Dr.V.Dinesh Kumar 5. Dr.S.Selvi 6. Dr.M.Gobi 7. Harishchander Anandaram 8. Dr.T.J.Nagalakshmi 9. Dr.R.Thiagarajan	1. Mr.Satyam 2. Dr.K.Sampath Kumar 3. S.Saravanakumar 4. Dr.V.Dinesh Kumar 5. Dr.S.Selvi 6. Dr.M.Gobi 7. Harishchander Anandaram 8. Dr.T.J.Nagalakshmi 9. Dr.R.Thiagarajan	23-05-2022	03-06-2022	202241029484	Filed And Published, Awaiting Request For Examination
26	Patent, EEE	Eco-Friendly And Cost-Effective Panels For Smart Grids From Spatiotemporal Optimization Of Charging E-Vehicles	1. Dr. N M G Kumar 2. Mr. Gokul Ram Thangamani 3. Mrs. K. Yamuna 4. Ms. A.Vasanthi 5. Dr. M.Vijayakumar 6. Mr. V.M. Jothiprakash	1. Dr. N M G Kumar 2. Mr. Gokul Ram Thangamani 3. Mrs. K. Yamuna 4. Ms. A.Vasanthi 5. Dr. M.Vijayakumar 6. Mr. V.M. Jothiprakash	28-05-2022	03-06-2022	202241030671	Filed And Published, Awaiting Request For Examination

27	Patent, IT	An Intelligent Building Elevator System And A Method Of Operating The System	1. Dr. M. Jahir Pasha 2. Ms. K. Swetha 3. Mr. C. Ishaq Shareef 4. Mr. R. Anil Kumar 5. Mr. Jeribanda Mohan Kumar	1. Sree Vidyanikethan Engineering College 2. Dr. Kamalapuram Khaja Baseer 3. Dr. Kasarapu Ramani 4. Dr. M. Jahir Pasha 5. Ms. K. Swetha 6. Mr. C. Ishaq Shareef 7. Mr. R. Anil Kumar 8. Mr. Jeribanda Mohan Kumar	01-06-2022	17-06-2022	202241031308	Filed And Published, Awaiting Request For Examination
28	Patent, CSSE	A Histogram Statistic Extension System And Gradient Filtering Method For Upgrading Infrared Picture Quality	1. Mr.A.Sampath Dakshina Murthy 2. Dr.Ramesh Kumar Yadav 3. Mr.S.Sivanantham 4. Mrs.B.Ujwala 5. Dr. Md Javeed Ahammed 6. Mrs.A.Durga Bhavani 7. Mr.Shajahan Patan 8. Dr.M.Dinesh Dhamodhar 9. Dr.Animesh Kumar Sharma 10. Mr.Sudheer Babu Punuri	1. Mr.A.Sampath Dakshina Murthy 2. Dr.Ramesh Kumar Yadav 3. Mr.S.Sivanantham 4. Mrs.B.Ujwala 5. Dr. Md Javeed Ahammed 6. Mrs.A.Durga Bhavani 7. Mr.Shajahan Patan 8. Dr.M.Dinesh Dhamodhar 9. Dr.Animesh Kumar Sharma 10. Mr.Sudheer Babu Punuri	16-08-2022	16-09-2022	202241046630	Filed And Published, Awaiting Request For Examination
29	Patent, ME	Design And Manufacture Of Manual Electrode Coating Machine For Smallscale Arc Welding Electrode Manufacture	1. P. Thejasree 2. Dr. N. Manikandan 3. Dr. K. Lakshmi Narasimhamu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-08-2022	16-09-2022	202241047390 A	Filed And Published, Awaiting Request For Examination

30	Patent, GEBH	Attributional Thoughts Of English Teaching Master's Pupils On The Reading Performance	1 . K.Chandrasekhar, 2 . Dr.Vsv Laxmi Ramana, 3 . Dr. R. Devarajulu Reddy, 4 . Dr.Babi Duli, 5 . Dr. Nagendra Kottacheruvu, 6 . Dr.Y.V.Sudha Devi, 7 . Dr. P. Veerraghava, 8 . N Babu Rao 9 . M.N.Sreedhar,	1 . K.Chandrasekhar, 2 . Dr.Vsv Laxmi Ramana, 3 . Dr. R. Devarajulu Reddy, 4 . Dr.Babi Duli, 5 . Dr. Nagendra Kottacheruvu, 6 . Dr.Y.V.Sudha Devi, 7 . Dr. P. Veerraghava, 8 . N Babu Rao 9 . M.N.Sreedhar,	30-08-2022	16-09-2022	202241049647	Filed And Published, Awaiting Request For Examination
31	Patent, GEBH	System To Show The Importance Of A Block Chain-Based Model For Creating New Educational Systems	1. Dr. M. Ravichand 2. Dr. Ashvine Kumar 3. Dr. Hitendra Shukla 4. Tushar Vyas 5. Dr. Sabera Begum 6. Brijesh Kumar Verma 7. Dr. Peeyush Vats 8. Deepak Chhapparwal 9. Dr. Rajesh B. Survase 10. Gaikwad Anil Pandurang 11. Dr. Deo Karan Ram	1. Dr. M. Ravichand 2. Dr. Ashvine Kumar 3. Dr. Hitendra Shukla 4. Tushar Vyas 5. Dr. Sabera Begum 6. Brijesh Kumar Verma 7. Dr. Peeyush Vats 8. Deepak Chhapparwal 9. Dr. Rajesh B. Survase 10. Gaikwad Anil Pandurang 11. Dr. Deo Karan Ram	01-09-2022	09-09-2022	202241049899	Filed And Published, Awaiting Request For Examination

32	Patent, GEBH	A System And Method For Secure Remote Communication Using Wsn Based On Blockchain Technology	1 . Dr. K. A. Ajmath 2 . Dr. Dilip Kumar Sharma 3 . Sameer Kumar Das 4 . Ms. Lijarani Jena 5 . Dr Radeep Krishna R 6 . M A Praveen 7 . Dr. Deo Karan Ram 8 . Dr. K. Arulanandam 9 . Mr. Kannadasan B 10 . Dr. Hari Kumar Singh 11 . Mr.D.Vikneshkumar	1 . Dr. K. A. Ajmath 2 . Dr. Dilip Kumar Sharma 3 . Sameer Kumar Das 4 . Ms. Lijarani Jena 5 . Dr Radeep Krishna R 6 . M A Praveen 7 . Dr. Deo Karan Ram 8 . Dr. K. Arulanandam 9 . Mr. Kannadasan B 10 . Dr. Hari Kumar Singh 11 . Mr.D.Vikneshkumar	02-09-2022	16-09-2022	202241050360	Filed And Published, Awaiting Request For Examination
33	Patent, CSSE	A System Based On Network Aware Application Dependent Adaptive Protocol Selection For Iot Communications	1. Mrs.Kancherla Santoshi 2. Dr.Venkatesh B 3. Mr.S.Sivanantham 4. Ms.V.Akshaya 5. Ms.Salma Begum 6. Dr. K. Prabhu Chandran 7. Dr.Gogineni Rajesh Chandra 8. Dr.A.Kishore Reddy 9. Dr.K.Gurnadha Gupta 10. Dr.S.Sathappan	1. Mrs.Kancherla Santoshi 2. Dr.Venkatesh B 3. Mr.S.Sivanantham 4. Ms.V.Akshaya 5. Ms.Salma Begum 6. Dr. K. Prabhu Chandran 7. Dr.Gogineni Rajesh Chandra 8. Dr.A.Kishore Reddy 9. Dr.K.Gurnadha Gupta 10. Dr.S.Sathappan	06-09-2022	16-09-2022	202241050948	Filed And Published, Awaiting Request For Examination

34	Patent, GEBH	Impact Of Advertisements In India On Network Service Sales Promotion And Customer Satisfaction	1 . Prof. Chhaya Patel 2 . Dr. Nisha Singh 3 . Dr.Madhavi G M 4 . Dr. G. Ayyanar 5 . Dr. Rajesh Deb Barman 6 . Dr.Ekta Dargan 7 . Ms Shifali Ahuja 8 . Dr. D. Deepa 9 . Ms. Suneetha K.S 10 . Ms. Radha T 11 . Dr. K.Sivaperumal 12 . Dr. Harikumar Pallathadka	1 . Prof. Chhaya Patel 2 . Dr. Nisha Singh 3 . Dr.Madhavi G M 4 . Dr. G. Ayyanar 5 . Dr. Rajesh Deb Barman 6 . Dr.Ekta Dargan 7 . Ms Shifali Ahuja 8 . Dr. D. Deepa 9 . Ms. Suneetha K.S 10 . Ms. Radha T 11 . Dr. K.Sivaperumal 12 . Dr. Harikumar Pallathadka	12-09-2022	28-10-2022	202221052041	Filed And Published, Awaiting Request For Examination
35	Patent, EEE	Power Grid Failure Detection Based On Voltgae And Frequency Variance Detection	1. Dr.I.Kumara Swamy 2. Dr.T.Devaraju	Sree Vidyanikethan Engineering College	13-09-2022	14-10-2022	202241052370	Filed And Published, Awaiting Request For Examination

36	Patent, ECE	An Iot Enabled System For Breast Cancer Detection Using Image Processing	1. Dr. M J Anand 2. Dr. Rahul Gedam 3. Dr.Kavitha Pingili 4. Mrs. Farzana Parveen B A 5. Mr. Mohammed Rahmat Ali 6. Dr. Pathan Ahmed Khan 7. Dr. Mohammed Jameel Hashmi 8. Mr. Santhosh B J 9. Mr. Poorna Chandra Reddy Alla 10 . Dr. Mundluru Dharani	1. Dr. M J Anand 2. Dr. Rahul Gedam 3. Dr.Kavitha Pingili 4. Mrs. Farzana Parveen B A 5. Mr. Mohammed Rahmat Ali 6. Dr. Pathan Ahmed Khan 7. Dr. Mohammed Jameel Hashmi 8. Mr. Santhosh B J 9. Mr. Poorna Chandra Reddy Alla 10 . Dr. Mundluru Dharani	21-09-2022	30-09-2022	202241053918	Filed And Published, Awaiting Request For Examination
37	Patent, ECE	An Android Based Iot Enabled Smart Mask Assembly And Working Method Thereof	1. Dr. A. Yasmine Begum 2. Mr. M. Balaji	Sree Vidyanikethan Engineering College	29-09-2022	14-10-2022	202241055979	Filed And Published, Awaiting Request For Examination
38	Patent, ECE	Artificial Intelligence Techniques For Green Iot	1 . Dr Keyurkumar M Nayak 2 . M. Bharathi 3 . Archana Patil 4 . Rajendran Sobha Ajin	1 . Dr Keyurkumar M Nayak 2 . M. Bharathi 3 . Archana Patil 4 . Rajendran Sobha Ajin	07-10-2022	14-10-2022	202221057370	Filed And Published, Awaiting Request For Examination

39	Patent, CSE	Embedded Ip Camera And Machine Learning Technology Based Patient Health Monitoring System	1. Dudaka Suma 2. Mr. Muntimadugu Vijaya Kanth 3. Dr. S. Radha Krishna 4. Kurakula Arun Kumar 5. Dr. T. Kumaresan 6. M Sampoorna 7. J S Radhika 8. Dr. S. Sathappan	1. Dudaka Suma 2. Mr. Muntimadugu Vijaya Kanth 3. Dr. S. Radha Krishna 4. Kurakula Arun Kumar 5. Dr. T. Kumaresan 6. M Sampoorna 7. J S Radhika 8. Dr. S. Sathappan	18-10-2022	28-10-2022	202241059442	Filed And Published, Awaiting Request For Examination
40	Patent, ECE	Smart Sensor Based On Hill Arearoad Maintenance In Winter Using The Internet Of Thing	1 . Dr. Sumanth V 2 . Dr. Manjunath R 3 . Mr. Mohammed Rahmat Ali 4 . Ms. Sahana D Gowda 5 . Prof. Sujay Deshpande 6 . Dr. Mundluru Dharani 7 . Dr. Sumithamanoj 8 . Mrs. Loganayagi S 9 . Dr. Sharad Timaji Tajane 10 . Mr. Sandeep B 11 . Dr. Disha K. Rank	1 . Dr. Sumanth V 2 . Dr. Manjunath R 3 . Mr. Mohammed Rahmat Ali 4 . Ms. Sahana D Gowda 5 . Prof. Sujay Deshpande 6 . Dr. Mundluru Dharani 7 . Dr. Sumithamanoj 8 . Mrs. Loganayagi S 9 . Dr. Sharad Timaji Tajane 10 . Mr. Sandeep B 11 . Dr. Disha K. Rank	19-10-2022	28-10-2022	202241059660	Filed And Published, Awaiting Request For Examination

41	Patent, ME	More Than One Convex Lens Based Dynamic Tracking Sun Light Energy Efficient Solar System	1. Dr. T. Hariprasad 2. Dr. R.L.Krupakara 3. Dr. G. Vidyasagar Reddy 4. Dr. R. Satya Meher 5. Mr. Raghu Rami Reddy 6. Ms. K. Lakshmi Kala 7. Mr. K. Harsha Vardhan Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	01-11-2022	11-11-2022	202241062236A	Filed And Published, Awaiting Request For Examination
42	Patent, ECE	Iot And Deep Learning Based Automatic Smart Parking System In Driverless Cars By Efficient Detection Of Obstacles To Avoid Accidents In Highly Populated Metropolitan Cities	1 . S.Jayalakshmi 2 . Dr K Venkata Subramanian 3 . G Srihari 4 . Dr Ganesh K 5 . Badria Sulaiman Alfurhood 6 . Dheepthi R 7 . Dr. Meka Anuradha 8 . Dr.Elavarasan G	1 . S.Jayalakshmi 2 . Dr K Venkata Subramanian 3 . G Srihari 4 . Dr Ganesh K 5 . Badria Sulaiman Alfurhood 6 . Dheepthi R 7 . Dr. Meka Anuradha 8 . Dr.Elavarasan G	18-11-2022	25-11-2022	202241066324	Filed And Published, Awaiting Request For Examination

43	Patent, ECE	A Wearable Pregnancy Monitoring Apparatus To Collect Physiological Parameters	1. Dr. G Vimala Kumari 2 . Ms. Lenka Swathi 3 . Prof. Jagdeesh Kumar Ega 4 . Dr. A. Punitha 5 . K.Subhashini 6 . Ms. Karra Maheswari 7 . Dr. J. Thamil Selvi 8 . Dr.S.Sugumaran 9 . Mrs. Yojana Yadav 10 . Dr. Robin George 11. Dr. Shankar B B 12. Dr. Ata Kishore Kumar	1. Dr. G Vimala Kumari 2 . Ms. Lenka Swathi 3 . Prof. Jagdeesh Kumar Ega 4 . Dr. A. Punitha 5 . K.Subhashini 6 . Ms. Karra Maheswari 7 . Dr. J. Thamil Selvi 8 . Dr.S.Sugumaran 9 . Mrs. Yojana Yadav 10 . Dr. Robin George 11. Dr. Shankar B B 12. Dr. Ata Kishore Kumar	12-11-2022	18-11-2022	202241064840	Filed And Published, Awaiting Request For Examination
44	Patent, ECE	Machine Learning And Artificial Intelligence Techniques For Intrusion Detection In Network	1. Mr. H.M. Moyeenudin 2 . Mr. Mohammed Afzal 3 . Mr. Mohammed Rahmat Ali 4. Mrs. Meenakshi Gupta 5. Dr. Pathan Ahmed Khan 6. Dr. Justin Sophia. I 7. Ms. Palla Sravani 8. Mr. Sandeep B 9. Dr. T Sivakami 10. Dr. Ata Kishore Kumar 11. Dr. Shankar B B	1. Mr. H.M. Moyeenudin 2 . Mr. Mohammed Afzal 3 . Mr. Mohammed Rahmat Ali 4. Mrs. Meenakshi Gupta 5. Dr. Pathan Ahmed Khan 6. Dr. Justin Sophia. I 7. Ms. Palla Sravani 8. Mr. Sandeep B 9. Dr. T Sivakami 10. Dr. Ata Kishore Kumar 11. Dr. Shankar B B	12-11-2022	18-11-2022	202241064841	Filed And Published, Awaiting Request For Examination

45	Patent, ME	Design And Implementation Of A Smart Network Using Lora For Measuring Environment Parameters	1. Dr. P. G. Kuppusamy 2. Dr. R. L .Krupakaran 3. Dr. C. Priya 4. Dr. Gomalavalli. R 5. G. Priyanka 6. P. Saranya 7. D. R. Lakshmi 8. Dr. P. Ratna Kamala 9. K. Sravan Kumar 10. J. Rajanikanth	1. Dr. P. G. Kuppusamy 2. Dr. R. L .Krupakaran 3. Dr. C. Priya 4. Dr. Gomalavalli. R 5. G. Priyanka 6. P. Saranya 7. D. R. Lakshmi 8. Dr. P. Ratna Kamala 9. K. Sravan Kumar 10. J. Rajanikanth	17-11-2022	25-11-2022	202241065883	Filed And Published, Awaiting Request For Examination
46	Patent, GEBH	AI (Artificial Intelligence): Anemerging Perspective In Englishlanguage Learning And Teaching	1. Dr. K. Gayathri 2. Dr. K. Sujatha 3. Kiranmai P 4. Mrs. S. Archana 5. B R Lakshmi 6. Dr. S. Ammani 7. Dr. A. Shobha Rani 8. Mula Mary Madhavi 9. Rajeswari Surisetty 10. M. Ravichand	1. Dr. K. Gayathri 2. Dr. K. Sujatha 3. Kiranmai P 4. Mrs. S. Archana 5. B R Lakshmi 6. Dr. S. Ammani 7. Dr. A. Shobha Rani 8. Mula Mary Madhavi 9. Rajeswari Surisetty 10. M. Ravichand	02-12-2022	09-12-2022	202241069766	Filed And Published, Awaiting Request For Examination

47	Patent, GEBH	Bleeding Recognition Technique In Wireless Capsule Endoscopy Images Using Fuzzy Logic And Principal Component Analysis	1. Dr. Pawan Kumar 2. Dr. M. Thangaraj 3. B Ranjitha 4. Sakshi Taresh Khanna 5. Dr. Neeraj Kumar Sharma 6. Dr. Ghanshyam Vatsa 7. Dr. C. Kavitha 8. Dr. S. Jackson 9. Ms. Eshwari Nagesh Mundas 10. Mr. Anupendra Singh 11. Ms. K. Leelarani 12. Ms. S. Shopika	1. Dr. Pawan Kumar 2. Dr. M. Thangaraj 3. B Ranjitha 4. Sakshi Taresh Khanna 5. Dr. Neeraj Kumar Sharma 6. Dr. Ghanshyam Vatsa 7. Dr. C. Kavitha 8. Dr. S. Jackson 9. Ms. Eshwari Nagesh Mundas 10. Mr. Anupendra Singh 11. Ms. K. Leelarani 12. Ms. S. Shopika	05-12-2022	30-12-2022	202211070169	Filed And Published, Awaiting Request For Examination
48	Patent, CSE	Iot Driven System For Continuous Glucose Monitoring Of Sensing Blood Leakage In Health Care Using Machine Learning	1. Dr. Aravind Karrothu 2. Dr. Ramachandro Majji 3. Mrs.T. Daniya 4. Dr. J. Jebathangam 5. Dr. Ch.Vidyadhari 6. Dr. K. Mekala 7. Mr. N. Vaitheeswaran 8. Dr. G.V. Sriramakrishnan, 9 . Mrs.R.P. Shanthi Rani, 10 . Dr. R.Cristin,	1. Dr. Aravind Karrothu 2. Dr. Ramachandro Majji 3. Mrs.T. Daniya 4. Dr. J. Jebathangam 5. Dr. Ch.Vidyadhari 6. Dr. K. Mekala 7. Mr. N. Vaitheeswaran 8. Dr. G.V. Sriramakrishnan, 9 . Mrs.R.P. Shanthi Rani, 10 . Dr. R.Cristin,	07-12-2022	30-12-2022	202241070530	Filed And Published, Awaiting Request For Examination

49	Patent, EIE	An Intelligent Monkey Menace Alert System	1. Dr. A. Yasmine Begum 2. Mr. M. Balaji 3. Dr. M. S. Sujatha 4. Ms. C. V. Neha Niharika 5. Mr. K. Mothish Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-12-2022	30-12-2022	202241071228 (CBR No. 50052)	Filed And Published, Awaiting Request For Examination
50	Patent, ECE	A Wearable Iot Device For Child Safety	1. Mr. Madhu G.C 2. Dr. P. Geetha 3. Dr. N. Ashok Kumar 4. Ms.V.Kalpana 5. Ms. Sri Midusha 6. Mr. D. Bhanu Prakash 7. Ms. Chandana Sree 8. Mr. D. Nithish 9. Mr. D. Naveen Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-12-2022	30-12-2022	202241071272 (CBR No. 50082)	Filed And Published, Awaiting Request For Examination
51	Patent, ECE	Environment And Earthlings Hazard Freewild Animal Repellent	1. P Venkatramana 2. Shaik Javid Basha 3. Batta Chandana 4. C Santhosh Kumar 5. D Rakesh Sai Reddy 6. D Tony 7. E Pavan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-12-2022	16-12-2022	202241071282 (CBR No. 50085)	Filed And Published, Awaiting Request For Examination
52	Patent, IT	Narrowband Internet Of Things Based Low-Cost Andlow-Power Consumption Data Processing Method	1. Mr. B. Joseph 2. Dr. Kamalapuram Khaja Baseer	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-12-2022	30-12-2022	202241071468 (CBR No. 50202)	Filed And Published, Awaiting Request For Examination

53	Patent, EIE	A User-Friendly Intelligent Robot Vacuum Cleaning Device	1. Dr. Y. Dileep Kumar 2. Mr. Anil Kumar N 3. Mrs. N P Dharani 4. Mrs. N Harathi 5. Mr. C. Ravindra Murthy 6. Mr. C. Somasundar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-12-2022	30-12-2022	202241071797	Filed And Published, Awaiting Request For Examination
54	Patent, ME	Earo Smart Ear Phones (Esephones)	1. Mr. B. Sumanth Kumar 2. Dr. Mrs. P. Thejasree 3. Dr. N. Manikandan 4. Mr. B. Nagesh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-12-2022	30-12-2022	202241072544 (Cbr No. 51026)	Filed And Published, Awaiting Request For Examination
55	Patent, CSSE	A Smart Wearable Jacket With Heating And Cooling For Tracking Health And Fitness	1. Mr. P. Parjanya Reddy 2. Mr. M. Ramu 3. Mr. P. Yogendra Prasad 4. Mr. S. Siva Prakash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-12-2022	30-12-2022	202241072730 CBR. NO- 51166)	Reply Filed. Application in amended examination
56	Patent, IT	A Smart App For Visually Impaired People To Detect Objects	1. Mr. P. Bhasha 2. Dr. K. Ramani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-12-2022	30-12-2022	202241072741 (Cbr No. 51184)	Filed And Published, Awaiting Request For Examination
57	Patent, CE	The Longitudinal Resonance Properties Of A Tapered Structure Over Unilaterally Layered Soil	1. Dr.R.Sandhya Rani, 2. Dr. M Chittaranjan, 3. G.Srinvas, 4. Dr K Narasimhulu, 5. T Jahnavi, 6. T Sai Krishna,	1. Dr.R.Sandhya Rani, 2. Dr. M Chittaranjan, 3. G.Srinvas, 4. Dr K Narasimhulu, 5. T Jahnavi, 6. T Sai Krishna,	17-12-2022	30-12-2022	202241073322	Filed And Published, Awaiting Request For Examination

58	Patent, ECE	Method For Converting A Three- Dimensional Lidar Dataset To A Projection Shape, And A Multi-Channel Two-Dimensional Image For Performing Segmentation	1.Dr R Arravind 2. Dr. R.S. Jayaram 3. Mr. Satyam 4. Prof Sanjeev Kumar Trivedi 5. Mr.S.Suresh 6. Aabha Sahu 7. Mr. B. Kannadasan 8. Dr Atowar Ul Islam 9. Mr. Anurag Sinha 10. Laxmi Mishra 11. Mr. L. Karthick	1.Dr R Arravind 2. Dr. R.S. Jayaram 3. Mr. Satyam 4. Prof Sanjeev Kumar Trivedi 5. Mr.S.Suresh 6. Aabha Sahu 7. Mr. B. Kannadasan 8. Dr Atowar Ul Islam 9. Mr. Anurag Sinha 10. Laxmi Mishra 11. Mr. L. Karthick	25-12-2022	13-01-2023	202241075293	Filed And Published, Awaiting Request For Examination
2023								
59	Patent, EIE	An Automatic Fire Extinguishing System Using An Embedded System	1. Ms. N. P. Dharani 2. Ms. N. Harathi 3. Dr. Y. Dileep Kumar 4. Dr. N. Gireesh 5. Mr. Anil Kumar N 6. Mr. M. Hemanth Kumar 7. Mr. CH. Yaswanth 8. Mr. C.V Charan Teja	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-01-2023	20-01-2023	202341001910 (CBR No. 1205)	Filed And Published, Awaiting Request For Examination
60	Patent, EIE	A System And Method To Monitor The Tissue Fatigueand Disorder Of Biceps Brachii Using Surface Elect	1. Dr. Y. Dileep Kumar 2. Mr. Anil Kumar N 3. Mrs. N P Dharani 4. Mrs. N Harathi 5. Mr. C. Ravindra Murthy 6. Mr. C. Somasundar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-01-2023	20-01-2023	202341001961 (CBR No. 1265)	Filed And Published, Awaiting Request For Examination

61	Patent, EEE	A System For Detection And Notification Of Toxicgases In Sewage Using GSM	1. V. Arun 2. S. Prabhu 3. T. Nageswara Prasad 4. Dubasi Venkata Narayana 5. Dudde Dhenuka 6. Somu Santhosh Kumar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-01-2023	20-01-2023	202341002134 (CBR No. 1404)	Filed And Published, Awaiting Request For Examination
62	Patent, CE	Confined CBR Punching Strength Of Geosynthetics Test Apparatus	1. Dr. Buragadda Venkatesh 2. Dr. Eswara Reddy Orekanti	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-01-2023	27-01-2023	202341003727 (CBR. No-2651)	Filed And Published, Awaiting Request For Examination
63	Patent, IT	Rainfall Prediction Method And System Based On Machine Learning	1. Mr.N. Varun Kumar 2. Mr. Tharun Kumar Reddy 3. Mr. M. Suresh 4. Mr. P. Nishanth 5. Mr. Chanakya G.M	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-02-2023	01-09-2023	202341008714 (CBR. No-6174)	Filed And Published, Awaiting Request For Examination
64	Patent, IT	A System And Method For Intelligent Video Surveillance Using Internet Of Things	1. S. Sai Dhivya 2. P. Shalini 3. M. Naveen Kumar 4. N. Gnanesh 5. Dr. V. Jyothsna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-02-2023	01-09-2023	202341008995 (CBR. No-6356)	Filed And Published, Awaiting Request For Examination
65	Patent, CSSE	Iot Based Fire Alarm System	1. Ms. Saladagu Deepthi 2. Ms. Mitta Devi Sahithi 3. Ms. Sunkesula Ansari 4. Ms. Shaik Bungalow Samreen 5. Ms. K. Pujitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-02-2023	26-05-2023	202341009161 (CBR. No-12801)	Filed And Published, Awaiting Request For Examination

66	Patent, CSSE	A System For Generating Smart Electricity Through Speed Breaker	1. Mr. T. Muneendra 2. Mr. G. Bala Subramanyam 3. Mr. V. Ganesh 4. Mr. M. V. Pranaay Reddy 5. Dr. E. Sophiya	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-02-2023	01-09-2023	202341009169 (CBR. No-6392)	Filed And Published, Awaiting Request For Examination
67	Patent, IT	A System For Obstacle Identification And Alerting The User Using Iot	1. A. Preethi 2. G. Vennila 3. M. Sai Nithya 4. Dr. K. Ramani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	14-02-2023	24-02-2023	202341009575 (CBR. No-6577)	Filed And Published, Awaiting Request For Examination
68	Patent, CSSE	Smart Movable Road Divider	1. R. Hanisha 2. M. Harshitha 3. P. Chandana 4. P. Meghana 5. Mr. S. Shiva Prakash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-02-2023	26-05-2023	202341011189 (CBR. No-12875)	Filed And Published, Awaiting Request For Examination
69	Patent, CE	Improvement Of Plate Anchor Pullout Capacity Using cementitious Composite Geosynthetics	1. Dr. Buragadda Venkatesh 2. Dr. Eswara Reddy Orekanti 3. Ms. G. Gnana Prasanna 4. Mr. M. Tharun Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21-02-2023	01-09-2023	202341011804 (CBR. No-7842)	Filed And Published, Awaiting Request For Examination
70	Patent, ECE	Smart Monitoring Security Locking System	1. B. Lahari 2. B. K. Kavya 3. B. Sudharshana 4. B. Vinay 5. Dr. P. V. Ramana	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	27-02-2023	26-05-2023	202341013085 (CBR. No-8781)	Filed And Published, Awaiting Request For Examination

71	Patent, ECE	Energy Harvesting And Storage System From Lightening Using NANO Composite Rods	1. Malarapu Murali 2. P. Geetha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	27-02-2023	01-09-2023	202341013262 (CBR. No-8928)	Filed And Published, Awaiting Request For Examination
72	Patent, CSSE	A Method To Detect The Leaf Disease Using An Image Processing Technique	1. Lepakshi Fariha Eram 2. N Bhoomika Soni 3. Pullaganti Nikitha Sai 4. Reddicherla Sai Supriya 5. Segu Divija 6. M. Ramu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21-03-2023	31-03-2023	202341019528 (CBR. No-12788)	Filed And Published, Awaiting Request For Examination
73	Patent, CSSE	A System For Real Time Efficient Streetlight Controlling And Monitoring	1. S. Dhanasekhar Reddy 2. P. Balaji 3. N. Diwakar 4. S. Vinay 5. Ms. S. Anbulakshmi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22-03-2023	31-03-2023	202341019717 (CBR. No-12858)	Filed And Published, Awaiting Request For Examination

74	Patent, ECE	A Polyhouse For Tenable Agriculture Based On Iot, Arduino And Sensors	1. Kodavala Venkatesh Narasimham 2. Kutla Sai Abhishek 3. Kotekal Methukula Manikanta 4. Konjeti Sai Sarath Chandra 5. Kinnera Rohith 6. Ms. Neelima K	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	08-05-2023	23-06-2023	202341032359 (CBR. No-20562)	Filed And Published, Awaiting Request For Examination
75	Patent, ECE	An Iot Based Smart Agriculture System And Method Thereof	1. Bashyam Poorna Chandra 2. Chekka Jayarth Saikiran 3. Dakkili Dennen Varsha 4. Ballala Vignadha 5. Mr. K. S. Chakradhar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	08-05-2023	23-06-2023	202341032321 (CBR. No-20520)	Filed And Published, Awaiting Request For Examination
76	Patent, ME	A System And Method For Detecting And Monitoring Manholes Using Iot	1. D. Guru Karthik 2. B. Pavan Kumar 3. K. Vamsi 4. K. Eswar 5. K. Venu 6. Dr. Gnana Sagaya Raj	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-05-2023	18-08-2023	202341032615 (CBR. No-20766)	Filed And Published, Awaiting Request For Examination

77	Patent, ME	A Solar Operated Air Purifying System And A Method Of Operation The System	1. N. Hari Hara Naidu 2. M. Veerendra 3. N. Sai Sruthi 4. N. Sai 5. R. Varun Raj 6. Dr. G. Vidyasagar Reddy	Mohan Babu University (Erstwhile Sree Vidyaniethan Engineering College)	09-05-2023	16-06-2023	202341032902 (CBR. No-20991)	Filed And Published, Awaiting Request For Examination
78	Patent, ECE	An IOT Based Virtual Doctor Using Raspberry Pi With Thingspeak	1. Sana Narasimha Reddy 2. Yalla Harsha 3. Alluri Vijay 4. Katepogu Krishna Babu 5. Mr. Sk. Mahaboob Basha	Mohan Babu University (Erstwhile Sree Vidyaniethan Engineering College)	31-05-2023	16-06-2023	202341037593 (CBR. No-24663)	Filed And Published, Awaiting Request For Examination
79	Patent, ECE	A Cost-Effective RF Based Drone Detection System And Method Thereof	1. G. Lakshmi Meghana 2. M. Manideep 3. M. Srinivasulu Naidu 4. Ms. Bussa Ashreetha	Mohan Babu University (Erstwhile Sree Vidyaniethan Engineering College)	03-06-2023	18-08-2023	202341038242 (CBR. No-25181)	Filed And Published, Awaiting Request For Examination
80	Patent, EIE	A Device For Monitoring Animal Health And Disease Anticipation	1. Mr. G. Vishnu Vardhan 2. Mr. G. Harsha Vardhan 3. Mr. K.Dinakar Yadav 4. Dr. A. Yasmine Begum 5. Dr. N. Padmaja 6. Mr. M. Balaji	Mohan Babu University (Erstwhile Sree Vidyaniethan Engineering College)	03-06-2023	18-08-2023	202341038250 (CBR. No-25192)	Filed And Published, Awaiting Request For Examination

81	Patent, EIE	A System For Monitoring And Detecting Gas Leakage And A Method Thereof	1. Mr. G. Muni Priya 2. Ms. K. Lahari 3. Ms. N. Harathi 4. Ms. N. P. Dharani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-06-2023	30-06-2023	202341038366 (CBR. No-25262)	Filed And Published, Awaiting Request For Examination
82	Patent, ME	A Multi-Layered Filtration System For Purifying The House Wastewater And Rainwater	1. Raavi Bala Siva Durga Prasad 2. Kuruba Pavan 3. Makam Chiranjeevi 4. Medasari Vamsi 5. Narendra Bahadur Shahi 6. S. Lakshmi Narayana	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-06-2023	18-08-2023	202341038388 (CBR. No-25288)	Filed And Published, Awaiting Request For Examination
83	Patent, GEBH	A Framework On The Cultural Influence On The English Language	1. Dr. G M Madhavi 2. Dr. C. Raghavendra Reddy 3. Dr. M. Ravichand 4. Dr. R. Retna Mony 5. Mr. K. Ayyappa 6. Dr. V. V. Parthu 7. Dr. G. Chenna Reddy 8. Mr. N. Balamurugan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-06-2023	18-08-2023	202341038668	Filed And Published, Awaiting Request For Examination
84	Patent, CSE	Heart Disease Prediction Using Machine Learning	1. M. Satheesh 2. Kondapalli Lokesh 3. Mummalla Bhavya 4. Mala Padma 5. K. Nithya Sree 6. Ms. K. Ghamya	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-06-2023	30-06-2023	202341039145 (CBR. No-25804)	Filed And Published, Awaiting Request For Examination

85	Patent, CSE	Driver Drowsiness Detection And Alert System	1. Agali Saraswathi 2. Dr. B. Narendra Kumar Rao	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-06-2023	18-08-2023	202341038973 (CBR. No-25697)	Filed And Published, Awaiting Request For Examination
86	Patent, IT	A System For Monitoring Health Using IOT Sensors	1. R. Manasa 2. N. Deepika 3. M. Nandini 4. S. Sony 5. Ms. C. Silpa	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	14-06-2023	30-06-2023	202341040490 (CBR. No-26873)	Filed And Published, Awaiting Request For Examination
87	Patent, CE	A Device For Oblique Pullout Test On Geosynthetic Reinforced Earth Structures	1. Dr. Eswara Reddy Orekanti 2. Dr. Buragadda Venkatesh 3. Ms. G. Gnana Prasanna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	30/06/2023		202341043979 (CBR. No-29338)	Filed
88	Patent, CSE	An Automated Car Cleaning Device	1. Dr. K. Reddy Madhavi 2. Samantha Elizabeth Dimal 3. Dr. Gurram Sunitha 4. Dr. J. Avanija 5. B. Viswaksena	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-07-2023	01-09-2023	202341046079 (CBR. No-30702)	Filed And Published, Awaiting Request For Examination
89	Patent, ECE	A Full Adder Circuit-Based Carbon Nanotube Field Effect Transistor	1. Dr. Avireni Srinivasulu 2. Dr. Sarada Musala 3. Dr. Jitendra Kumar Saini 4. Dr. Bhargav Appasani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-07-2023	01-09-2023	202341047795 (CBR. No-31820)	Application Awaiting Examination

90	Patent, ECE	A Four Port Wideband MIMO Antenna For 5G Millimeter-Wave Applications	1. Dr. Bhargav Appasani 2. Dipanjan Dutta 3. Sasmita Pahadsingh 4. Nimay Chandra Giri 5. Dr. Avireni Srinivasulu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-07-2023	01-09-2023	202341048541 (CBR. No-32261)	Filed And Published, Awaiting Request For Examination
91	Patent, CSE	A System For Assisting The Patient Transfer Process In Health Care Units	1. Dr. Gurram Sunitha 2. Swasti Gautam 3. Dr. J. Avanija 4. Dr. K. Reddy Madhavi 5. B. Viswaksena	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-07-2023	01-09-2023	202341049700 (CBR. No-33083)	Filed And Published, Awaiting Request For Examination
92	Patent, ECE	A Smart Multitasking Headgear Safety Detection And A Method Thereof	1. P.V.Akhila 2.N.Mahithajackqualine 3. Panduruyashwanth 4. Mr.S.Anudeep	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-11-2023	15-12-2023	202341074604 (CBR. No-50348)	Filed And Published, Awaiting Request For Examination
93	Patent, EEE	A UPQC System And Method For Improving Power Quality And Power Factor	1. Dr. S. Hemachandra 2. Ms. K.Praveena 3. Ms.S.Navatha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-11-2023	15-12-2023	202341074606 (CBR. No-50350)	Filed And Published, Awaiting Request For Examination
94	Patent, IT	An Air Pollution Monitoring System With Server Notifications	1. Mr. B. Tharun Sai 2. Ms. B. Lavanya 3. Ms. D. Naga Prasunna 4. Mr. B. Raja Raveendra 5. Mr. D. Vijay Shekar 6. Mr. P. Bhasha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-11-2023	15-12-2023	202341077659 (CBR. No-52712)	Application Awaiting Examination

95	Patent, MGMT	A Drone Navigation System And Method To Supply Medicine To Remote Areas	1. Dr.D.Sudarsana Murthy 2. Ms.K.Saileela	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-11-2023	15-12-2023	202341077594 (CBR. No-52667)	Filed And Published, Awaiting Request For Examination
96	Patent, EEE	A Method For Automatic ECG Signal Feature Extraction Using Multi-Resolution Wavelet Transform	1. Dr. S.Hemachandra 2. Dr. Y. Dilip Kumar 3. Mr.N.Anil Kumar 4. Ms.G.Moulika 5. Mr.G.Jayaprakash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-11-2023	29-12-2023	202341078046 (CBR. No-53026)	Filed And Published, Awaiting Request For Examination
97	Patent, ME	A High-Efficiency Minimum Quantity Lubrication (MQL) System And A Method For Machining Processes	1. Mr. Chemuru Saikumar Reddy, 2. Mr. Tarakananda Reddy, 3. Mr. P. Vamsi Krishna, 4. Ms. Thappeta Pranusha, 5. Mr. Vallagi Rajkumar, 6. Dr. K. Lakshmi Narasimhamu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22-11-2023	22-12-2023	202341079182 (CBR. No-53875)	Filed And Published, Awaiting Request For Examination
98	PATENT (CSE)	A Real-Time Object Recognition Method for Indoor, Outdoor and Moving Objects	1. A Akshaya 2. K. Bhavana 3. K. Sai Harshita 4. C. R. Thoran Kumar 5. M. Srikanth 6. Chengamma Chitteti	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	25-11-2023	22-12-2023	202341080122 (CBR. No-54620)	Awaiting Request for Examination

99	Patent, MCA	A Method For Forecasting Chronic Renal Disease (CRD) Using A Machine Learning Strategy	1. Ms. Balireddigari Bhargavi, 2. Dr. M. Sunil Kumar, 3. Ms. M. Sowmya Vani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-12-2023	05-01-2024	202341082729 (CBR. No-56436)	Filed And Published, Awaiting Request For Examination
100	Patent, MCA	A License Number Plate Identification And Recognition System For Traffic Surveillance Applications	1. Ms. Pagadala Niharika Kiran, 2. Ms. P. Neeraja	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-12-2023	29-12-2023	202341082998 (CBR. No-56606)	Filed And Published, Awaiting Request For Examination
101	PATENT (LAS)	An Environmentally Friendly Plant-Based Chemical-Free And Re-Usable Musa Diaper	1.Dr.Charles Lekhya Priya 2. Mr.Boreddy Raghava Tej 3. Mr. Kappala Jai Kishan Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-12-2023	05-01-2024	202341083440 (CBR. No-56973)	Awaiting Request for Examination
102	Patent, Pharmacy	Efficient Formulation for Controlled Release Profile of Gabapentin with HPMC K100 and Dibasic Calcium Phosphate	1. Dr. Rasapelly Ramesh Kumar 2.Dr. Sampath A. Gouri 3.Dr. G. Dharmamoorthy 4.Dr. Janapati Pedda Yanadaiah 5.Anwar khan 6.Naveen Kumari K. 7.G. N. A. Lakshmi 8.Chinagani Akhila 9.Dr. C. Madhavi Latha 10.Dr. Guru Prasad	1. Dr. Rasapelly Ramesh Kumar 3. 2.Dr. Sampath A. Gouri 4. 3.Dr. G. Dharmamoorthy 5. 4.Dr. Janapati Pedda Yanadaiah 6. 5.Anwar khan 7. 6.Naveen Kumari K. 8. 7.G. N. A. Lakshmi 9. 8.Chinagani Akhila 10. 9.Dr. C. Madhavi Latha 11. 10.Dr. Guru Prasad	23-01-2023	03-02-2023	202341004490	Filed And Published, Awaiting Request For Examination

103	Patent, EEE	Method and System for Optimized Control of DC Servo Motors Using PID and Fuzzy PD Controllers	1. Dr. D. Sengeni 2. Ms. N. S.Madhuri 3. Ms. Divya. C. S 4. Mr. P. Siva Subramanian 5. Dr. C. S. Sundar Ganesh 6. Dr. Sekar. K 7. C. Jeeva	1. Dr. D. Sengeni 2. Ms. N. S.Madhuri 3. Ms. Divya. C. S 4. Mr. P. Siva Subramanian 5. Dr. C. S. Sundar Ganesh 6. Dr. Sekar. K 7. C. Jeeva	23-02-2023	17-03-2023	202341012530	Filed And Published, Awaiting Request For Examination
104	Patent, ECE	A Novel Design of UV Disinfection Robot	1.Dr. Nitin K Kamble 2 . Dr. Sandeep Sarnobat 3 . Dr. C Vijaya Bhaskar Reddy 4 . Dr. Padmaja Nimmagadda 5 . Dr. E Murali 6 . Dr. Nandam Gayatri 7 . S. Nagaraju 8 . Dr. D.Stalin Alex 9 . Dr. K.Sivanandam 10 . Dr. M. Gnanasekaran	1.Dr. Nitin K Kamble 2 . Dr. Sandeep Sarnobat 3 . Dr. C Vijaya Bhaskar Reddy 4 . Dr. Padmaja Nimmagadda 5 . Dr. E Murali 6 . Dr. Nandam Gayatri 7 . S. Nagaraju 8 . Dr. D.Stalin Alex 9 . Dr. K.Sivanandam 10 . Dr. M. Gnanasekaran	31-03-2023	05-05-2023	202321024555	Filed And Published, Awaiting Request For Examination
105	Patent, ECE	An IoT Enabled Jacket for Occupational Hazard Monitoring and Prevention Analysis	1. Dr. G. Hari Krishnan	1. Dr. G. Hari Krishnan	23-06-2023	01-09-2023	202341041995	Filed And Published, Awaiting Request For Examination

106	Patent, EEE	Solar Power Charging Station for Vehicles	1. Dr. I. Kumaraswamy 2.Mr. P. Sudhakar 3.Mr. T. Ravi Sankar Reddy	1. Dr. I. Kumaraswamy 2.Mr. P. Sudhakar 3.Mr. T. Ravi Sankar Reddy	23-06-2023	01-09-2023	202341041985	Filed And Published, Awaiting Request For Examination
107	Patent, AIML	Safeguarding agriculture with blockchains and the internet of things for smart farming	1.Dr. G. Vennila 2.Ms.Hannah Rose Esther T	1.Dr. G. Vennila 2.Ms.Hannah Rose Esther T	25-06-2023	07-07-2023	202341042508	Filed And Published, Awaiting Request For Examination
108	Patent, CSE	AI Based System To Study The Gene Mutations And Their Sequence Listings In Physically Challenged Persons	1.Dr. Bindhia Joji 2.Dr.Sangita Ravindrakumar Kudale 3.M. Jayanthi 4.Megha Dabas 5.Prof. Sangeeta Mashi 6.Dr.Neethirajan Guruswamy 7. Dr. Neerja Shukla 8.A. R. Thulasi Ram 9.Basi Reddy. A 10.Dr. R. Senthamil Selvan	1.Dr. Bindhia Joji 2.Dr.Sangita Ravindrakumar Kudale 3.M. Jayanthi 4.Megha Dabas 5.Prof. Sangeeta Mashi 6.Dr.Neethirajan Guruswamy 7. Dr. Neerja Shukla 8.A. R. Thulasi Ram 9.Basi Reddy. A 10.Dr. R. Senthamil Selvan	03-07-2023	01-09-2023	202341044508	Filed And Published, Awaiting Request For Examination

109	Patent, GEBH	An Innovative Iot Based Framework For Smart Health Care Monitoring System	1. Dr. Byram Anand 2. Dr. Perumalla Varalaxmi 3. Beena A O 4. Dr. Gajula Lakshminarayana 5. Y.B. Kishore Kumar 6. Dr. J. Vijimol 7. Dr. B. R. Kumar 8. Pavitar Parkash Singh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	04-07-2023	01-09-2023	202341044822	Filed And Published, Awaiting Request For Examination
110	Patent, Pharmacy	Bioanalytical Method Development And Validation Of Montelukast Using Liquid Chromatography Coupled With Tandem Mass Spectroscopy	1.Dr. G. Dharmamoorthy 2.S.Roopanvitha 3.K.Harshitha 4.Dr. Mallikarjuna B.P 5.Mr.N.Uday kumar	1.Dr. G. Dharmamoorthy 2.S.Roopanvitha 3.K.Harshitha 4.Dr. Mallikarjuna B.P 5.Mr.N.Uday kumar	18-08-2023	01-09-2023	202341055565 A	Filed And Published, Awaiting Request For Examination
111	Patent, Pharmacy	HPTLC Method For Simultaneous Estimation Of Lopinavir And Ritonavir In Bulk And Tablet Dosage Form And Uses Thereof	1. Dr.G.Dharmamoorthy 2.S.Roopanvitha 3.K.Harshitha 4.Dr.P.Dharaniprasad 5. Dr.Mallikarjuna B.P 6.Mr.N.Udaykumar 7.Mrs.M.Venumadhavi 8.Ms.R.Susheela 9.Ms.C.Divya 10.Dr.V.S.Venkateshwar a Rao	1. Dr.G.Dharmamoorthy 2.S.Roopanvitha 3.K.Harshitha 4.Dr.P.Dharaniprasad 5. Dr.Mallikarjuna B.P 6.Mr.N.Udaykumar 7.Mrs.M.Venumadhavi 8.Ms.R.Susheela 9.Ms.C.Divya 10.Dr.V.S.Venkateshwara Rao	23-08-2023	08-09-2023	202341056600 A	Filed And Published, Awaiting Request For Examination

112	Patent, EEE	Analysis of Power System Transient Stability of the Dynamic Characteristics of Loads	1. Dr. I. Kumaraswamy 2. Mr. T. Ravi Sankar Reddy 3. Mr. P. Sudhakar	1. Dr. I. Kumaraswamy 2. Mr. T. Ravi Sankar Reddy 3. Mr. P. Sudhakar	05-10-2023	13-10-2023	202341066675	Filed And Published, Awaiting Request For Examination
113	Patent, Mgmt	System And Method For Production Of Fibrinolytic Enzymes Using Marine Microorganisms For Cardiovascular Diseases	1. Dr. K. Gowthami 2. Dr. Jaya Madhuri. R 3. Dr. K. Jagadeswara Reddy 4. Dr. L. Kuladeep Kumar 5. Dr. K. Chandra Mouli	1. Dr. K. Gowthami 2. Dr. Jaya Madhuri. R 3. Dr. K. Jagadeswara Reddy 4. Dr. L. Kuladeep Kumar 5. Dr. K. Chandra Mouli	17-11-2023	29-12-2023	202341078087 A	Filed And Published, Awaiting Request For Examination
2024								
114	Patent, ME	A Fixture with Expandable Mandrel for Friction Stir Welding of Various Diameter Pipes	1. Dr. S. Raghu Nathan 2. Dr. S. M. Senthil 3. Dr. V. Balasubramanian 4. Mr. B. Venketesh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. S Raghunathan	08-02-2024	08-03-2024	202441008559 (CBR. No-8347)	Filed And Published, Awaiting Request For Examination
115	Patent, Pharmacy	A Formulation of Azithromycin loaded microemulsion for bacterial infections	1. Dr. Prasanthi Samathoti 2. Dr. Mallikarjuna B P 3. Mr. E. Vamsi Krishna 4. Ms. B. Anushna 5. Ms. C. Susmitha 6. Ms. D. Nishitha 7. Ms. K. Hima Bindu 8. Ms. D. Pavani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-02-2024	08-03-2024	202441010604 (CBR. No-10160)	Filed And Published, Awaiting Request For Examination

116	Patent, MCA	A system and method for multilingual OCR with audio output from images and PDFs	1. Mr S. Girinath 2. Ms. Syed Nameera	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	27-02-2024	08-03-2024	202441013953 (CBR. No-12986)	Filed And Published, Awaiting Request For Examination
117	Patent, MCA	An Automated System For Text Categorization And Emergency Response	1. Mr.S.Girinath 2. Ms.Veluru Manjuveni	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	28-02-2024	08-03-2024	202441014887 (CBR. No-13723)	Filed And Published, Awaiting Request For Examination
118	Patent, MCA	A Wearable Device For Real-Time Object Detection And Recognition To Assist Visually Impaired Individuals	1. Mr S.Surendra Reddy 2. Mr.S.Girinath	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-03-2024	05-04-2024	202441023754 (CBR. No-20619)	Filed And Published, Awaiting Request For Examination
119	Patent, Pharmacy	A Metallic Nanoparticles-incorporated CubosomalGel and a method thereof	1.Dr. S. Varalaxmi 2. Dr. Haja Bava Akrudeen 3. Ms. Taranum Fathima 4. S. Harshitha Reddy 5. Dr. N Padmaja	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	28-03-2024	05-04-2024	202441025728 (CBR. No-21761)	Filed And Published, Awaiting Request For Examination
120	Patent, CSE-DS	A Method Of Analyzing The Image Quality Computation Models Using Convolution Neural Network (CNN)	1.Ms. Ch. Prathima 2.Roje Spandana Rajeti 3. Dr. N. Padmaja 4. Mr. N. Srinivasulu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-06-2024	21-06-2024	202441045261 (CBR. No-38767)	Filed And Published, Awaiting Request For Examination

121	Patent, ECE	An AI Based Human Emotion Responding Toy	1. Ms.P.Reddy Vandana 2. Dr. P.Geetha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-06-2024	21-06-2024	202441045495 (CBR. No-38959)	Filed And Published, Awaiting Request For Examination
122	Patent, Pharmacy	Formulation of Isoniazid Solid Lipid Nanoparticles (SLN) by A Novel Nanocellulose from An Aquatic Weed	1. Dr.S.Prasanthi 2. Ms.B.Sai Ramya 3. Dr. Mallikarjuna BP	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-06-2024	21-06-2024	202441046657 (CBR. No-39826)	Filed And Published, Awaiting Request For Examination
123	Patent, MCA	A System and Method to Predict Diabetes with Machine Learning Techniques	1. Ms. Peddamallu Sreelekha 2. Mr. S. Girinath	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-06-2024	21-06-2024	202441046923 (CBR. No-40026)	Filed And Published, Awaiting Request For Examination
124	Patent, Pharmacy	A Chewing Gum Composition for Herbal Teeth Gum	1.Dr. Mallikarjuna B P 2. MR. K. Pavan Kumar 3. MR. J. Venkata Dhinakar 4. MS. S. Manjula Sree 5. MR. S. Madaksha 6. MR. D. Sai Tejesh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-06-2024	05-07-2024	202441048191 (CBR. No-41088)	Filed And Published, Awaiting Request For Examination
125	Patent, CSE	A System and Method for Emotion Recognition Using Speech Based On Deep Neural Networks (DNNs)	1. Mr. Anna Pavan Kumar 2. Dr. M. Sunil Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-07-2024	05-07-2024	202441050443 (CBR. No-42936)	Filed And Published, Awaiting Request For Examination

126	Patent, CSE	An Integrated Smart Wardrobe Management System with IoT and A Method Thereof	1. Dr. Gurram Sunitha 2. Dr. J. Avanija 3. Dr. K. Reddy Madhavi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-07-2024	05-07-2024	202441050451 (CBR. No-42956)	Filed And Published, Awaiting Request For Examination
127	Patent, ECE	A System for Efficient and Low-Cost Energy Generation for Soldier Support During Jungle Operation	1. Ms.M. Usmounika 2. Ms. M. Ashritha 3. Mr.Malarapu Murali Sai 4. Mr.M. Rama Ganesh Reddy 5.Dr.P. Geetha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-07-2024	05-07-2024	202441050457 (CBR. No-42962)	Filed And Published, Awaiting Request For Examination
128	Patent, Pharmacy	A Method for Preparing A Wound Healing Composition Based on Mupirocin-Loaded Collagen Hydrogels	1. Dr. Shanmugam Vippamakula 2. Ms. M.Keerthi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-07-2024	19-07-2024	202441052902 (CBR. No-44881)	Filed And Published, Awaiting Request For Examination
129	Patent, MGMT	A Method For Detecting Accident Prone Area Based On Potholes Using Image Processing Algorithms.	1. A. Sunita 2. K. Jaya Deepthi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-07-2024	02-08-2024	202441054841 (CBR. No-46272)	Filed And Published, Awaiting Request For Examination
130	Patent, CSE	A Fire Sensing System Based On Real-Time Data Processing Using Machine Learning	1. Mr. Kambaigari Pavan Kumar 2.Dr. M. Sunil Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-08-2024	09-08-2024	202441059413 (CBR. No-49865)	Filed And Published, Awaiting Request For Examination

131	Patent, CSE-AIML	A Device for Harvesting Coconuts	1. Dr. J.Avanija 2.Mr. B.Viswaksena 3.Dr .K. Reddy Madhavi 4.Dr. Gurram Sunitha 5.Dr. K. Srujan Raju 6.Ms. Samantha Elizabeth Dimal	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-08-2024	09-08-2024	202441059412 (CBR. No-49864)	Filed And Published, Awaiting Request For Examination
132	Patent, ECE	A Real-Time DCT-Based Frequency Modulated Hearing Aid for Elderly with Optimized Gain Adjustment and Clarity	1. Dr. N. Padmaja 2. MS. C. Sushma 3. Dr. K. Ayyappa Swamy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-09-2024	04-10-2024	202441071976 (CBR. No-58556)	Application Awaiting Examination
133	Patent, ECE	AgriTech Precision Management System	1. Dr. Venkata Sudhakar 2. A Padma Priya 3. Y. Yugandhar Reddy 4. A. Pavan Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	25-09-2024	04-10-2024	202441072322 (CBR. No-58792)	Filed And Published, Awaiting Request For Examination
134	Patent, EEE	A Voice-Activated Assistive Device For The Blind And Visually Impaired Persons	1. Mr.Marthala Guru Maheswara Reddy 2.Dr. M.S. Sujatha 3.Dr. A. Yasmine Begum 4.Dr. G. Hari Krishnan 5.Dr. M. Balaji 6. Mr. Kalyan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-10-2024	25-10-2024	202441078082 (CBR. No-62647)	Filed And Published, Awaiting Request For Examination

135	Patent, ECE	AI and IoT-Based System for Pesticide Detection in Organic Fruits and Vegetables	1. Dr. K. Neelima 2.Mr.Jaffar Ali Shaik 3.Ms. Shaik Fathima Nusrath 4.Mr. Peddapujarla Anand 5.Mr. Paulraj Abhishek	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-10-2024	25-10-2024	202441078090 (CBR. No-62664)	Filed And Published, Awaiting Request For Examination
136	Patent, EEE	An Asymmetric Switched Capacitor Multilevel Boost Inverter for Renewable Energy Applications	1.Dr. Busireddy Hemanth Kumar 2.Dr. Ezhilvannan Parimalasundar 3.Dr. Daram Suresh Babu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-10-2024	25-10-2024	202441078841 (CBR. No-63100)	Filed And Published, Awaiting Request For Examination
137	Patent, ECE	An Automatic Accident Detection And Human Rescue System Using IoT	1. Dr. M. Dharani 2. G.Tharuni	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-10-2024	25-10-2024	202441078809 (CBR. No-63084)	Filed And Published, Awaiting Request For Examination
138	Patent, ECE	A System For Detecting And Alerting The Accidents Using Lora Communication	1. Dr. N. Padmaja 2. Ms. P. Sneha 3. Ms.S. Madhu Priya 4. Dr. M. Bharathi 5. Dr. Choda Durga V Subba Rao 6. Dr. S. Varalaxmi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-10-2024	25-10-2024	202441079179 (CBR. No-63355)	Filed And Published, Awaiting Request For Examination
139	Patent, Pharmacy	Evaluation of Bioactive Compounds in Curcumin for Anticancer Activity	1. Dr. N. Udaya Kumar 2. Mr. C. Sunil 3. Ms. K. Reefa Fathima 4. K. Ashok Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-10-2024	25-10-2024	202441079194 (CBR. No-63372)	Filed And Published, Awaiting Request For Examination

140	Patent, ECE	A Gas Detection System Using Nanotechnology And Wireless Sensor Networks	1. Dr.N. Ashok Kumar 2. Prof. Nagaraj Ramrao 3. Dr. N. Padmaja 4. P. Pavan Sai Kiran 5. Reddy Sai Krishna Vamsi 6. P. Nagalakshmi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22-10-2024	25-10-2024	202441080147 (CBR. No-63964)	Filed And Published, Awaiting Request For Examination
141	Patent, ECE	An Automatic Street Light Control System	1. Dr. C. Venkata Sudhakar 2. Mr. V. Simhadri Appanna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22-10-2024	25-10-2024	202441080156 (CBR. No-63974)	Filed And Published, Awaiting Request For Examination
142	Patent, IT	A System And Method For Detecting Android Malware In A Machine Learning System	1. Dr. V. Jyothsna 2.Ms. Peddesugari Mokshitha 3.Ms. Shaik Khulud 4.Mr. Lakshmireddygar 5.Mr. Nare Jagannath Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-10-2024	01-11-2024	202441080849 (CBR. No-64439)	Filed And Published, Awaiting Request For Examination
143	Patent, ECE	A Real-Time Mask Detection and Thermal Scanning System Using Deep Learning	1. Dr. N. Padmaja 2.Prof. Nagaraj Ramrao 3.Dr.N. Ashok Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-10-2024	01-11-2024	202441080873 (CBR. No-64444)	Filed And Published, Awaiting Request For Examination

144	Patent, Pharmacy	A Method For Evaluating Anti- Parkinson's Activity Of Lantana Camara Leaf Extracts In Wistar Rats	1. Dr. Hari Veluru 2.Ms. M.S. Roja Ramani 3.Mrs. Naveena N 4.Dr. Mallikarjuna B.P 5.Ms.G. Charishma Reddy 6.Dr. K. Mounika 7.Ms. J. Ruchitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-11-2024	15-11-2024	202441085305 (CBR. No-67286)	Filed And Published, Awaiting Request For Examination
145	Patent, EEE	A Device For Assisting Blind And Visually Impaired Individuals Using Augmentative And Alternative Communication	1. Mr. Marthala Guru Maheswara Reddy 2. Dr. M. S. Sujatha 3. Dr. E. Parimala Sundar 4. B. V. Sai Thrinath 5. Dr. B. Hemanth Kumar 6.Dr. S. Prabhu 7. Dr. D. Suresh Babu 8. Dr. M. Manohara	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-11-2024	15-11-2024	202441085333 (CBR. No-67319)	Filed And Published, Awaiting Request For Examination
146	Patent, ECE	A Health Monitoring System For Mine Truck Drivers And A Method Thereof	1. Dr. A. Yasmine Begum 2. Mr. G. Dilip Kumar Reddy 3. Mr. K. Om Rupesh Reddy 4. Mr. K. Srikanth Reddy 5. Mr. D. Vamsi 6.Mr. K. Ganesh Kumar Raju 7. Dr. M. Balaji	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-11-2024	15-11-2024	202441085361 (CBR. No-67349)	Filed And Published, Awaiting Request For Examination

147	Patent, ECE	A Sun-Powered Tactical Uniform for Soldiers in Military Applications	1. Dr. N. Ashok Kumar 2. Ms. Chowdam Anila 3. Ms. Bala Subramani Dhanya Sree 4. Mr. Bheemaneni Umamaheswara Chowdary 5. Mr. Eduru Joel Vittan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-11-2024	22-11-2024	202441087251 (CBR. No-68458)	Filed And Published, Awaiting Request For Examination
148	Patent, EEE	A Single-Source Thirteen-Level Inverter (Sstli) System for Solar PV Applications	1. Dr. B. Hemanth Kumar 2. Dr. Ezhilvannan Parimalasundar 3. Dr. Daram Suresh Babu 4. Dr. M. S. Sujatha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-11-2024	22-11-2024	202441087256 (CBR. No-68464)	Filed And Published, Awaiting Request For Examination
149	Patent, ECE	A Digital Signal Processing (DSP) Processor Optimized For 64-Bit Operations	1. Dr M. Bharathi 2. Dr Yasha Jyothi M Shirur 3. Dr N. Padmaja 4. Dr Krithikaa Mohanarangam	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-11-2024	22-11-2024	202441087259 (CBR. No-68652)	Filed And Published, Awaiting Request For Examination
150	Patent, Pharmacy	A Method For Preparing Rebamipide-Loaded Nanoparticles In A Nanoparticle Drug Delivery System	1. Ms. K.R. Sai Lakshmi 2. Mr. K. Thamizhvanan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-11-2024	22-11-2024	202441087538 (CBR. No-68666)	Filed And Published, Awaiting Request For Examination

151	Patent, CSE	A System and Method for Gesture-Based Virtual Input Using Real-Time Hand Tracking and Recognition	1. Dr. Kasarapu Ramani 2.Mr.Kuruba Dinesh Babu 3.Mr. Bathala Lalith Kumar 4.Mr. EragamReddy Badrinath Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	14-11-2024	22-11-2024	202441088037 (CBR. No-68918)	Filed And Published, Awaiting Request For Examination
152	Patent, ECE	A Wearable Gesture-To-Speech Translation System And A Method Thereof	1. Dr. A. Balamaniandan 2. Ms. R. Bindu Madhavi 3.Mr. Pudi Abhiram Reddy 4.Mr. Pinjari Ameer Sohel 5.Mr. Pamala Vijay Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	14-11-2024	22-11-2024	202441088163 (CBR. No-69001)	Filed And Published, Awaiting Request For Examination
153	Patent, ECE	A System and Method for Brain Tumor Detection Using MRI Image Segmentation	1.Dr. M. Dharani 2. Ms. R.Chandana	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-11-2024	22-11-2024	202441088675 (CBR. No-69291)	Filed And Published, Awaiting Request For Examination
154	Patent, ME	A Multi-Layered Electric Exhaustive Duster Device	1. K. Lakshmi Kala 2.Mr. Penchala Avinash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-11-2024	22-11-2024	202441088700 (CBR. No-69302)	Filed And Published, Awaiting Request For Examination

155	Patent, EEE	A Switched Capacitor 25-Level Inverter (Sc25LI) System For Solar Power Applications	1.Dr. B. Hemanth Kumar 2.Dr. Ezhilvannan Parimalasundar 3. Dr. Daram Suresh Babu 4. Dr. M. S. Sujatha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-11-2024	29-11-2024	202441089483 (CBR. No-69772)	Filed And Published, Awaiting Request For Examination
156	Patent, ECE	An IoT-Enabled VLC-Based Smart Home and Industrial Automation System Utilizing Node MCU Microcontrollers.	1. Dr. N. Ashok Kumar 2.Ms. Pothala Venkat Haritha 3.Mr. Parimi Eshwar 4.Mr. P. Venkat kiran Kumar 5. Mr. S.S. Bhanu Prakash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-11-2024	29-11-2024	202441089435 (CBR. No-69728)	Filed And Published, Awaiting Request For Examination
157	Patent, Pharmacy	A Prescription Management System	1.Ms. M. Keerthi 2.Ms. C. Divya	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-11-2024	29-11-2024	202441092210 (CBR. No-71277)	Filed And Published, Awaiting Request For Examination
158	Patent, Pharmacy	A Method For Synthesizing Silver Nanoparticles Using Anisomeles Malabarica Plant Extract	1. Dr. S. Varalaxmi 2.Dr. Haja Bava Bakrudeen 3.S. Harshitha Reddy 4.P. Kedarnath Reddy 5.Y. Maheshwar Reddy 6.M. Deepika Yadav 7.Sabiha Sultana 8.K. Sathish kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-11-2024	29-11-2024	202441092116 (CBR. No-71204)	Filed And Published, Awaiting Request For Examination

159	Patent, CSE	Agricultural Disease Prediction and Pesticide Spraying System Using Drones and AI	1.Mr. Dhanireddy Veda Phanindra Reddy 2.Ms. Sailaja Rollapati 3.Ms.Yellaturu Deekshitha 4.Ms. Bachala Varshitha 5.Dr. S. Hemachandra 6.Dr. N. Padmaja	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-12-2024	06-12-2024	202441094601 (CBR. No-72564)	Filed And Published, Awaiting Request For Examination
160	Patent, Pharmacy	A Method For Preparing Green Synthesized Silver Nanoparticles From Andrographis Paniculate Leaves	1.Dr. S. Varalaxmi 2.Sugandhi Puvvadi 3.Nikitha Chakala 4.Hazera Fathima	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-12-2024	06-12-2024	202441094585 (CBR. No-72562)	Filed And Published, Awaiting Request For Examination
161	Patent, ECE	Automized Alerting System for Women Safety Using Near Field Communication	1.Ms. Nimmala Harathi 2.Ms. Gouni Nandini 3.Ms. Annamreddy Keerthi 4.Ms. N.P.Dharani 5.Ms. Mopuru Supriya 6.Ms.Veluru Urmika	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	04-12-2024	13-12-2024	202441095456 (CBR. No-73157)	Filed And Published, Awaiting Request For Examination
162	Patent, EEE	An Automated Fault Detection System For High-Tension Insulators	1.Dr G Hari Krishnan 2.Dr M S Sujatha 3.Ms M Himabindu 4.Mr. N V Karthikeya Reddy 5.Dr S Prabhu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	04-12-2024	13-12-2024	202441095470 (CBR. No-73160)	Filed And Published, Awaiting Request For Examination

163	Patent, ECE	A Wi-Fi Based Smart Wireless Sensor Network (WSN) for Monitoring Agricultural Climate	1. Dr. C. Somasundar Reddy 2. Dr. C. Ravindra Murthy 3. Mr. G. K. Murali Krishna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-12-2024	13-12-2024	202441097176 (CBR. No-74248)	Filed And Published, Awaiting Request For Examination
164	Patent, EEE	A Reconfigurable Multilevel Inverter for Renewable Energy and Electric Vehicle Applications	1.Dr. E. Parimalasundar 2.Dr. K. Suresh 3.Dr. B. Hemanth Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-12-2024	13-12-2024	202441097209 (CBR. No-74268)	Filed And Published, Awaiting Request For Examination
165	Patent, ECE	A System And Method For Classifying Chronic Kidney Disease (CKD)	1. Mr. M.Venkata Naresh 2.Singala Rajesh 3.Dr. Choda Durga V Subba Rao	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-12-2024	13-12-2024	202441097239 (CBR. No-74286)	Filed And Published, Awaiting Request For Examination
166	Patent, Pharmacy	A Method For Preparing Cubosome Gel	1. Dr. S. Varalaxmi 2.Dr. Jayaraman Rajangam 3.M. Navya Varma 4.S. Harshitha Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-12-2024	20-12-2024	202441097707 (CBR. No-74635)	Filed And Published, Awaiting Request For Examination
167	Patent, Pharmacy	A Method For Preparing Silver Nanoparticles - Based Liposomes	1.Dr. S. Varalaxmi 2.Dr. Haja Bava Bakrudeen 3.Ms. Nikitha Chakala 4.Sugandhi Puvvadi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-12-2024	20-12-2024	202441097710 (CBR. No-74636)	Filed And Published, Awaiting Request For Examination

168	Patent, ECE	An Augmented Reality-Based Laboratory System For Smart Learning	1. Dr. N. Padmaja 2. Mr. B. Satish Kumar 3. Mr. D. Irfan 4. Mr. C. N. S. Swaroop	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-12-2024	20-12-2024	202441098711 (CBR. No-75290)	Filed And Published, Awaiting Request For Examination
169	Patent, ECE	A System And Method That Efficiently Detects Forged Numerals In Handwritten Documents	1. Dr. M. Venkata Naresh 2. Dr. T. V. V. Satyanarayana 3.S. Nikhil Kumar Reddy 4.Panga Sireesha 5.I. Kullayamma	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-12-2024	20-12-2024	202441098713 (CBR. No-75294)	Filed And Published, Awaiting Request For Examination
170	Patent, ECE	Implementing a Big Data-Driven Human Resource Management System, (HRMS) to Protect Sensitive Business Data	1.Mr.Narender Chinthamu 2. Dr. S V N Sreenivasu 3. Dr. K. Raghuveer 4. Mr. Santosh Gangaram Mengal 5. Dr. K. Gokila 6. Dr. Padmaja Nimmagadda 7. Dr. M. Ramkumar Prabhu 8. Mr. Rohit Kumar Verma 9. Dr. P. Mohanraj 10. Dr. Shyam Shukla	1.Mr.Narender Chinthamu 2. Dr. S V N Sreenivasu 3. Dr. K. Raghuveer 4. Mr. Santosh Gangaram Mengal 5. Dr. K. Gokila 6. Dr. Padmaja Nimmagadda 7. Dr. M. Ramkumar Prabhu 8. Mr. Rohit Kumar Verma 9. Dr. P. Mohanraj 10. Dr. Shyam Shukla	07-01-2024	09-02-2024	202441001275	Filed And Published, Awaiting Request For Examination

171	Patent, ECE	Dynamic Image Processing System Employing Convolutional Neural Networks For Real-Time Object Recognition And Classification In Autonomous Vehicles	1. Dr. B. Ramarao 2.Dr. K. S. Chakradhar 3.Dr. D Nataraj	1. Dr. B. Ramarao 2.Dr. K. S. Chakradhar 3.Dr. D Nataraj	02-03-2024	22-03-2024	202441015548	Filed And Published, Awaiting Request For Examination
172	Patent, ECE	Novel Communication Protocol Utilizing Machine Learning Algorithms For Efficient Spectrum Sensing And Dynamic Spectrum Access In Cognitive Radio Networks	1. Dr. K. S. Chakradhar 2. Dr. D. Nagaraj 3.Dr. B. Rama Rao	1. Dr. K. S. Chakradhar 2. Dr. D. Nagaraj 3.Dr. B. Rama Rao	25-03-2024	12-04-2024	202441023387	Filed And Published, Awaiting Request For Examination
173	Patent, EEE	Three Phase Bidirectional meter Interconnected to the Grid with Monitoring of Electrical Energy Generation from a Panel- Microinverter Set	1.Dr.T.Arun Srinivas 2. Dr. N M G Kumar 3.Mr.Parri Srihari 4. Dr. C. S. Sundar Ganesh 5.Mr. Kiran M R 6. Dr.T. Babu	1.Dr.T.Arun Srinivas 2. Dr. N M G Kumar 3.Mr.Parri Srihari 4. Dr. C. S. Sundar Ganesh 5.Mr. Kiran M R 6. Dr.T. Babu	03-07-2024	12-07-2024	202441050903	Filed And Published, Awaiting Request For Examination

174	Patent, Pharmacy	Floating tablet composition of lafutidine for prolonged gastric retention and controlled drug release	1 . Dr. Allagadda Rekha Devi 2 . Bandi Ajay Kumar 3 . Mallikarjuna Gandla 4 . Dr. Mudduluru Niranjan Babu 5 . Vadamala Prudhvi Raj 6 . Dr. Hari Veluru 7 . Gandupally Naveen Kumar 8 . Dr. Dommaraju R. Aruna Kumari 9 . Vuppalapati Aswini 10 . Matam Thanusree 11 . Ponna M Ramyasri 12 . Kuruba Jagadish	1 . Dr. Allagadda Rekha Devi 2 . Bandi Ajay Kumar 3 . Mallikarjuna Gandla 4 . Dr. Mudduluru Niranjan Babu 5 . Vadamala Prudhvi Raj 6 . Dr. Hari Veluru 7 . Gandupally Naveen Kumar 8 . Dr. Dommaraju R. Aruna Kumari 9 . Vuppalapati Aswini 10 . Matam Thanusree 11 . Ponna M Ramyasri 12 . Kuruba Jagadish	25-07-2024	02-08-2024	202441056714	Filed And Published, Awaiting Request for Examination
175	Patent, Pharmacy	Lansoprazole oral disintegrating films for prevention and treatment of heartburn and gastroesophageal reflux disease (GERD)	1. Dr. T. Balakrishna 2.Dr. D. Lakshman Kumar 3.T. Sravani 4.Dr. V. Rajani 5.P. Bala Sree Sanjeevi 6.SK. Shahid Hussain 7.S.Vinay 8.Y.Vamsi Abhiram 9.V.Yasaswini 10.P.Roshni	1. Dr. T. Balakrishna 2.Dr. D. Lakshman Kumar 3.T. Sravani 4.Dr. V. Rajani 5.P. Bala Sree Sanjeevi 6.SK. Shahid Hussain 7.S.Vinay 8.Y.Vamsi Abhiram 9.V.Yasaswini 10.P.Roshni	18-09-2024	04-10-2024	202441070419	Filed And Published, Awaiting Request for Examination

176	Patent, ECE	Artificial Intelligence-Based Scalable Method and System for Text and Media Generation	1.Jameel Ahmed Bhutto 2.Dr. Pranoti Prashant Mane 3.Dr. A.S.Muthanantha Murugavel 4.Dr S.Anu Priya 5.R. Augasthega 6. Dr Dipanwita Debnath 7. Dr K S Chakradhar 8.Ms. Vanka Shireesha 9.Pranendu Manna 10.Ms.K.Shanmugapriya	1.Jameel Ahmed Bhutto 2.Dr. Pranoti Prashant Mane 3.Dr. A.S.Muthanantha Murugavel 4.Dr S.Anu Priya 5.R. Augasthega 6. Dr Dipanwita Debnath 7. Dr K S Chakradhar 8.Ms. Vanka Shireesha 9.Pranendu Manna 10.Ms.K.Shanmugapriya	29-11-2024	13-12-2024	202441093854	Filed And Published, Awaiting Request For Examination
177	Patent, Pharmacy	A Validated Rp-Uplc Method For Simultaneous Pharmaceutical Estimation Of Tipiracil And Trifluridine	1 . Dravidamani Meena 2 . Dr. Saravanakumar Kasimedu 3 . Dr. Allagadda Rekha Devi 4 . Pasupuleti Prakash 5 . Dr. Abdul Sattar 6 . Dr. Hari Veluru 7 . Dr. Murugesan Vanangamudi 8 . Dr. Kumar Raja Jayavarapu 9 . Ravikrindhi Nageswara Rao 10 . Matam Thanusree 11 . Ponna M Ramyasri 12 . Dr. Mudduluru Niranjana Babu	1 . Dravidamani Meena 2 . Dr. Saravanakumar Kasimedu 3 . Dr. Allagadda Rekha Devi 4 . Pasupuleti Prakash 5 . Dr. Abdul Sattar 6 . Dr. Hari Veluru 7 . Dr. Murugesan Vanangamudi 8 . Dr. Kumar Raja Jayavarapu 9 . Ravikrindhi Nageswara Rao 10 . Matam Thanusree 11 . Ponna M Ramyasri 12 . Dr. Mudduluru Niranjana Babu	20-10-2024	25-10-2024	202441079625	Filed And Published, Awaiting Request For Examination

178	Patent, ECE	Advanced Language Model Techniques for Real-Time Intelligent Content Creation	1. Uzma Sarwar 2.Dhruva Teja Kandalam Sunil 3. S.Rani 4.Dr.M.Balakrishnan 5.Dr K S Chakradhar 6.Dr Dipanwita Debnath 7.Dr E.Baby Anitha 8.Dr.G.Malarselvi 9.Bumba Nandy 10.R. Augasthega	1. Uzma Sarwar 2.Dhruva Teja Kandalam Sunil 3. S.Rani 4.Dr.M.Balakrishnan 5.Dr K S Chakradhar 6.Dr Dipanwita Debnath 7.Dr E.Baby Anitha 8.Dr.G.Malarselvi 9.Bumba Nandy 10.R. Augasthega	01-12-2024	13-12-2024	202441094367	Filed And Published, Awaiting Request For Examination
179	Patent, Pharmacy	Invitro evaluation of Antidiabetic activity of Ethanolic extract of Tinospora Cordifolia leaves	1 . Dr.P.Dharani Prasad 2 . Ms.S.Vaishnavi 3 . Mr.M.Murali Naik 4 . Ms. T.Anupama 5 . Mr.H.Sudheer Kumar 6 . Mrs.D.Keerthana 7 . Ms.M.Yojitha 8 . Dr.M.Mayuri 9 . Dr.Mallikarjuna B.P	Mohan Babu University (Erstwhile Sree Vidyanikethan College of Pharmacy)	22-02-2024	08-03-2024	202441012615	Filed And Published, Awaiting Request for Examination
2025								
180	ECE, Patent	A Method For Detecting Bacterial Contamination In Drinking Water Using An IoT-Based Real-Time Monitoring System	1.Mrs. N. P. Dharani 2.Ms. Endluru Raga Nitisha 3.Dr. N. Harathi 4.Dr. N. Sudhakar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	04-01-2025	10-01-2025	202541000882 (CBR. No-582)	Filed And Published, Awaiting Request for Examination

181	ECE, Patent	A System for Categorizing Youtube Videos Using Metadata Processing and Natural Language Processing (NIP) Techniques	1. Mr. M. Venkata Naresh 2. Mr. G. Fateh Mohammad Noorani 3. Dr. H. D. Praveena	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-01-2025	17-01-2025	202541001324 (CBR. No-957)	Filed And Published, Awaiting Request for Examination
182	EEE, Patent	A Quasi-Z-Source Coupled Inductor Boost DC-DC Converter	1. Dr. B. Hemanth Kumar 2.Mr P. Venkatesh 3.Dr. Ezhilvannan Parimalasundar 4.Dr. Daram Suresh Babu 5. Dr. M. S. Sujatha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-01-2025	10-01-2025	202541001327 (CBR. No-966)	Filed And Published, Awaiting Request for Examination
183	Pharmacy, Patent	Influence Of Natural Polymers on Cevimeline Hcl Controlled Release Microcapsules	1. Dr. Balakrishna Talamanchi 2.Dr. Lakshman Kumar Dogiparthi 3.Ms. Sonti Lavanya 4.Gorintla Sai Supraja 5.Thella Sindhu 6.Meesala Gayathri Vanamalik 7.Syed Farha 8.Vakkalagadda YasaSwini 9.Naheda Begum 10.Parasa Vijaya Preethi, Nationality	1. Dr. Balakrishna Talamanchi 2.Dr. Lakshman Kumar Dogiparthi 3.Ms. Sonti Lavanya 4.Gorintla Sai Supraja 5.Thella Sindhu 6.Meesala Gayathri Vanamalik 7.Syed Farha 8.Vakkalagadda YasaSwini 9.Naheda Begum 10.Parasa Vijaya Preethi, Nationality	08-01-2025	24-01-2025	202541001836	Filed And Published, Awaiting Request for Examination

184	ECE, Patent	A Continuous Collision Monitoring System (CCMS) for Real-Time Detection of Collision Events	1. Dr. N. Harathi 2.Ms. D.Muzafareen 3.Ms. N. P. Dharani 4.Ms. M. Supriya 5.Ms. V. Urmika	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-01-2025	24-01-2025	202541004170 (CBR. No-2976)	Filed And Published, Awaiting Request for Examination
185	Pharmacy, Patent	A Nanoparticulate drug delivery system for Anti-Cancer and Anti- Retroviral activity	1. Dr. S. Varalaxmi 2.Ms.S. Harshitha Reddy 3.Mr. P. Kedarnath Reddy 4.Mr. Y. Maheshwar Reddy 5.M. Deepika Yadav 6.Sabiha Sultana 7.K. Sathish Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-01-2025	24-01-2025	202541004171 (CBR. No-2980)	Filed And Published, Awaiting Request for Examination
186	ECE, Patent	A System and Method for Classifying Rice Leaf Diseases Using Generative Adversarial Network (GAN)	1.Mr. M. Venkata Naresh 2.Ms. K. Vijayalakshmi 3. Mr. G. Khaleel basha 4.Dr. M. Balaji	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-02-2025	21-02-2025	202541009681 (CBR. No- 6705)	Filed And Published, Awaiting Request for Examination
187	EEE, Patent	A High Gain Non Isolated Four-Port Dc-Dc Converter Designed for Hybrid Energy Applications	1. Dr. Busireddy Hemanth Kumar 2.Mr D. Praveen Kumar 3.Dr. Ezhilvannan Parimalasundar 4.Dr. Daram Suresh Babu 5.Dr. M. S. Sujatha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-02-2025	21-02-2025	202541009679 (CBR. No-6703)	Filed And Published, Awaiting Request for Examination

188	Mech, Patent	A Method for Fabricating a Carbon Powder-Reinforced Polymer Composite Safety Helmet Using Additive Manufacturing	1. Dr B Vishnu Vardhana Naidu 2.Dr. Ramesh Raju 3.Mr. Sai Mokshith Sake 4.Ms. Thammineni Likhitha 5.Ms. Talanki Srinitha 6.Mr. Mudavath Lavana Naik	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-02-2025	21-02-2025	202541009683 (CBR. No-6706)	Filed And Published, Awaiting Request for Examination
189	MGMT, Patent	Self-Retracting Syringe with Nozzle-Based Tension Spring Technology	1. Mr. Girish Kumar Kuppireddy 2.Dr. K. Saradhi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22/2/2025	07-03-2025	202541015509 (CBR. No-10463)	Filed And Published, Awaiting Request for Examination
190	CSE, Patent	Regeneration of Energy from the Rotational Motors	1. Mr.Dhanireddy Veda Phanindra Reddy 2.Mr.Bommireddy Arya Vishnu Vardhan Reddy 3.Mr. Machupalli Prudhvi Simha Reddy 4.Ms.Moghal Haneefa Begum 5.Ms.Ediga Divya 6.Ms.Bachala Varshitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21/02/2025	07-03-2025	202541015013 (CBR. No- 10258)	Filed And Published, Awaiting Request for Examination
191	Mech, Patent	A Fabrication Method of Polymer-Based Materials Using Fused Deposition Modeling (FDM) Technology	1. Dr. B. Vishnu Vardhana Naidu 2.Dr. Ramesh raju 3.Mr. Devasoth Prabhu Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	28/02/2025	14/03/2025	202541017702 (CBR. No-11725)	Filed And Published, Awaiting Request for Examination

192	CSE, Patent	AI-Driven Fire Fighting Robot for Smart Fire Detection and Precision Suppression.	1. Mr. Kandula Manoj Kumar 2. Ms. Ediga Divya 3. Ms. Bachala Varshitha 4. Ms. Rollapati Sailaja Reddy 5. Mr. Machupalli Prudhvi Simha Reddy 6. Ms. Seelam Ankalu Gari Manaswini 7. Mr. Dhanireddy Veda Phanindra Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	28/02/2025	14/03/2025	202541017699 (CBR. No-11723)	Filed And Published, Awaiting Request for Examination
193	ECE, Patent	A System for Crop Yield Prediction in Indian Agriculture Fields using Machine Learning	1. Mr. M. Venkata Naresh 2. Ms. M. Sowjanya 3. Mr. S. Guruvankat Poorna Chand 4. Dr. K. Neelima	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13/03/2025	28/03/2025	202541022884 (CBR. No-14859)	Filed And Published, Awaiting Request for Examination
194	ECE, Patent	A Deep Learning-Based System for Efficient Traffic Signal Management and Vehicle Detection	1. Mr. M. Venkata Naresh 2. Beeram Navya 3. Mr. Devaganipalli Diwakar Reddy 4. Dr. C. Venkata Sudhakar 5. Dr. Choda Durga V Subba Rao	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13/03/2025	28/03/2025	202541022613 (CBR.No-14679)	Filed And Published, Awaiting Request for Examination

195	EEE, Patent	A Switched Capacitor-Inductor High Gain DC-DC Boost Converter for Photovoltaic Applications	1.Dr. Busireddy Hemanth Kumar 2.Dr. Ezhilvannan Parimalasundar 3.Dr. Daram Suresh Babu 4.Dr. N. M. G. Kumar 5.Dr. M. S. Sujatha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13/03/2025	21/03/2025	202541022614 (CBR. No-14682)	Filed And Published, Awaiting Request for Examination
196	ECE, Patent	A System to Detect Botnet Attacks and Identifying Malicious Intrusions in Real-Time	1.Mr. M.Venkata Naresh 2.Mr. Y. Vijaya Simha Reddy 3.Mr. U. Purushotham Yadav 4.Dr. I. Kullayamma	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	25/03/2025	25-04-2025	202541028219 (CBR. No-17682)	Filed And Published, Awaiting Request for Examination
197	ECE, Patent	A Method for Automated Food Image Classification Using Deep Learning	1. Mr. M.Venkata Naresh 2.Ms. Usha Sree Jakka 3.Mr. T. Bhagavan Reddy 4.Dr. A.Kishore Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	25/03/2025	25-04-2025	202541027554 (CBR. No-17443)	Filed And Published, Awaiting Request for Examination
198	CSE, Patent	GP Next-Gen Underwater kites for Tidal Energy: Wireless Power Transmission	1. Mr. Dhanireddy Veda Phanindra Reddy 2.Ms. Chevva Sai Greeshma 3.Mr. E. Dileep Kumar 4. Mr. Shaik Nurulla 5. Dr. N. Padmaja	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	25/03/2025	25-04-2025	202541027555 (CBR. No-17445)	Filed And Published, Awaiting Request for Examination
199	ECE, Patent	IoT-Based Smart Shopping complex System: Enhancing Customer Experience and Security	1.Mr. M. Vishal 2.Dr. M. Bharathi 3.Dr. H.D.Praveena 4.Dr. N. Padmaja 5.Mr. K.V. Praneeth 6.Ms. M.Pavani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-04-2025	09-05-2025	202541036835 (CBR. No-22770)	Filed And Published, Awaiting Request for Examination

200	CSE, Patent	Smart Garbage Prediction and Removal on Railway Tracks using Drones	1. Ms.Natla Vaishnavi 2.Mr. Kokkanti Giri Prakash 3.Ms.N Jayani Sree 4.Mr.Dhanireddy Veda Phanindra Reddy 5.Ms. Mahanandi Harini 6.Mr. Vempalli Arif	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-04-2025	09-05-2025	202541036767 (CBR. No-22721)	Filed And Published, Awaiting Request for Examination
201	CSE, Patent	EV Battery Management System With Enhancing AI	1.Ms. Yellaturu Deekshitha 2.Mr. Machupalli Prudhvi Simha Reddy 3.Mr. Bommireddy Arya Vishnu Vardhan Reddy 4.Ms. Rollapati Sailaja 5.Ms. Bachala Varshitha 6.Mr. Kandula Manoj Kumar 7.Dr. Gurram Sunitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22-04-2025	16-05-2025	202541038428 (CBR. No-23850)	Filed And Published, Awaiting Request for Examination
202	EEE, Patent	Faculty Exam Duty Scheduler[FEDS]	1. Mr. Bhojanapu Venkata Rohith 2.Mr.Pyda Sathwik 3.Dr I.Kumaraswamy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22-04-2025	16-05-2025	202541038401 (CBR. No-23830)	Filed And Published, Awaiting Request for Examination
203	CSE, Patent	Development of Hybrid Audio Reduction For Post Ear Surgery	1. Mr D Syed Farooq 2.Ms. A Veera Vijitha Reddy 3.Mrs Pathan Katheeja Khanam	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-05-2025	30-05-2025	202541042595 (CBR. No-26330)	Filed And Published, Awaiting Request for Examination

204	EEE, Patent	Design and Development of a Precision-Controlled Robotic Arm for Bomb Disposal	1. Mr. G. Thimmaraju 2.Mr. I. Kumaraswamy 3.Mr. G. Vamsi Kumar 4.Mr. D. Mahammad Rafi 5.Mr. C. Chaitanya 6.Mr. A. Venkatesh Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-05-2025	30-05-2025	202541042594 (CBR. No-26327)	Filed And Published, Awaiting Request for Examination
205	EEE, Patent	Hydrogen & Oxygen Production Using Alkaline Electrolyzer	1. Dr. M.S. Sujatha 2.Mr. Akkim Koteswar Rao 3.Mr. Bathala Arun Kumar 4.Mr. Bongani Manmohan 5.Ms. Chakali Likhitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-05-2025	30-05-2025	202541043809 (CBR. No-27134)	Filed And Published, Awaiting Request for Examination
206	ECE, Patent	Health Monitoring for Emergency Alerts in Public Transport	1.Mr. D.Dastagiri 2.Dr. M Bharathi 3.Dr. N. Padmaja	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	06-05-2025	30-05-2025	202541043807 (CBR. No-27130)	Filed And Published, Awaiting Request for Examination
207	Pharmacy, Patent	Invitro Evaluation of Antidiabetic Activity of Methanolic Extract of Senna Auriculata Leaves on 3t3	1. Dr.P.Dharani Prasad 2.Ms. G.Mounica Sri	Mohan Babu University (Erstwhile Sree Vidyanikethan College of Pharmacy)	07-05-2025	30-05-2025	202541044261 (CBR. No-27520)	Filed And Published, Awaiting Request for Examination

208	ECE, Patent	Optimized Multiplier for Signal Processing	1. Mr. Potti Kowshik 2.Mr. M Thilakeshwar Naidu 3.Dr. M. Bharathi 4. Dr. K. Neelima 5.Dr.Krithikaa Mohanarangam 6.Dr. Choda Durga V Subba Rao	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-05-2025	30-05-2025	202541044434 (CBR. No-27602)	Filed And Published, Awaiting Request for Examination
209	ECE, Patent	Predicting Cardiovascular Risk Through Retinal Imaging	1. Dr. Ata Kishore Kumar 2.Ms. M. Suguna 3.Ms. K. Sravani 4.Ms. M.Vanaja 5.Mr. M. Nagendra	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	08-05-2025	30-05-2025	202541044617 (CBR. No-27751)	Filed And Published, Awaiting Request for Examination
210	EEE, Patent	Control Optimization Method for Bidirectional Wireless Power Transfer For Evs	1. Dr. M. Manohara 2. Dr. D. Leela Rani 3.Ms. Ponnala Jaya Sree 4.Mr. Kote Raja Gopal 5.Mr. Bandi Naga Sayana Reddy 6.Mr. Thagadancha Vasanth Kumar 7.Ms. Shaik Jareena Begum	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	08-05-2025	30-05-2025	202541044618 (CBR. No-27754)	Filed And Published, Awaiting Request for Examination
211	ECE, Patent	Optimizing Glaucoma Diagnosis Using Fundus Image Analysis	1.Dr. H D Praveena 2.Mr. CH. Girish Kumar 3.Mr. C. Bhaskar Reddy 4.Mr. D. Hemanth Kumar 5.Mr. D. Haneef	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-05-2025	30-05-2025	202541045958 (CBR. No-28604)	Filed And Published, Awaiting Request for Examination

212	ECE, Patent	Child Safety Monitoring System Using Smart Sensors and Alerts	1. Dr. M. Dharani 2. Ms. Talari Manisha 3. Ms. Shaik Afrin 4. Shaik Tahir Basha 5. Shaik Pakkir Ahammed Jannath Hussian	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-05-2025	30-05-2025	202541046156 (CBR. No-28747)	Filed And Published, Awaiting Request for Examination
213	ECE, Patent	IoT-Integrated Precision Agriculture System for Smart Water and Fertilizer Management	1 . Dr. S.Sumathi 2 . Mr. Ajit Goraksha Dalvi 3 . Dr.L.T. Herlin 4 . C .T. Lincy 5 . Sindhu T 6 . Dr. Neelima K 7 . Dr.Latha Parthiban 8 . Dr Mubarak M 9 . Dr. Rahul Adhikary 10 . Ms. Prerna Ajmani	1 . Dr. S.Sumathi 2 . Mr. Ajit Goraksha Dalvi 3 . Dr.L.T. Herlin 4 . C .T. Lincy 5 . Sindhu T 6 . Dr. Neelima K 7 . Dr.Latha Parthiban 8 . Dr Mubarak M 9 . Dr. Rahul Adhikary 10 . Ms. Prerna Ajmani	13-05-2025	30-05-2025	202541045745 (CBR. No-28464)	Filed And Published, Awaiting Request for Examination
214	CSE-DS, Patent	A Comprehensive Hybrid Deep Learning Approach for Effective Intrusion Detection in Automotive Ethernet Systems	1. Dr. V. Jyothsna 2. Mr. P. Madhusudhan 3. Mr. P. Geetha Nanda Reddy 4. Mr. P. Deepak Kumar Reddy 5. Mr. P. Ravi Naik	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-05-2025	06-06-2025	202541047977 (CBR. No-29783)	Filed And Published, Awaiting Request for Examination

215	ECE, Patent	Smart Railway Safety System Using IoT and Sensor Integration	1. Dr. Y. Dileep Kumar 2.Ms. Yaddalapuri Lohitha 3.Mr. Elumalai Teja 4.Mr. Gonasani Venkata Kiran 5.Mr. Kuruva Manjunath 6.Mr. Musturu Vijay Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-05-2025	06-06-2025	202541048005 (CBR. No-29814)	Filed And Published, Awaiting Request for Examination
216	EEE, Patent	Multi Model Image and Signal Processing based Approach for SAG Monitoring and Detection in HT Transmission Line	1. Dr. G. Hari Krishnan 2.Mr. Motte Paramesh 3.Mr. Malchi Saikiran 4.Mr. Nambeti Leela Raaman 5.Mr. Ponduru Narendra 6.Mr. Shaik Raheem	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	20-05-2025	06-06-2025	202541048570 (CBR. No-30101)	Filed And Published, Awaiting Request for Examination
217	ECE, Patent	Innovative Techniques for Small Object Detection in Cardiac Images for Precise Early Diagnosis	1. Mr. N. Anil Kumar 2.Ms. B Ashreetha 3.Ms. Praveena Kakarla 4.Ms. Sohitha Kuchi 5.Ms. Kota Sowmya Sree	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	20-05-2025	06-06-2025	202541048651 (CBR. No-30137)	Filed And Published, Awaiting Request for Examination
218	ECE, Patent	Automated Detection of Hazardous Road Regions Through Pothole Recognition in Digital Imagery and Machine Learning	1. Dr. N. Sudhakar Reddy 2.Ms. Gorantla Aswanandini 3.Mr. A V S Chetan Kumar 4.Mr. Adwala Ravikishor 5.Mr .Chentati Dinesh Chandra	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22-05-2025	06-06-2025	202541049381 (CBR. No-30615)	Filed And Published, Awaiting Request for Examination

219	ECE, Patent	AI-Assisted Diagnostic System for Malaria Parasitemia in Peripheral Blood Smears.	1. Ms. Chekuri Nalini 2.Ms. Ponkam Roshitha 3.Ms. Ravuri Abhinaya 4.Mr.Pasala Bharatha Simha Reddy 5.Mr. Pasupuleti Reddy Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22-05-2025	06-06-2025	202541049331 (CBR. No-30579)	Filed And Published, Awaiting Request for Examination
220	MGMT, Patent	Challenges In Indian Economy From FDI	1. Abdul Basid 2. Ramamurthy Bedaduri 3. S. Sreenivasulu 4. Vijay Narayan 5. Santhiram Engineering College 6. V. Mouneswari 7. S. Jaheer Basha 8. Dr. V S Prabhavathy 9. Dr. P. Subramanyam 10. N. Vasudha 11. Dr. P. Subramanyachary 12. Dr. B. Ashok 13.Dr. Aruna Gudimetla	1. Abdul Basid 2. Ramamurthy Bedaduri 3. S. Sreenivasulu 4. Vijay Narayan 5. Santhiram Engineering College 6. V. Mouneswari 7. S. Jaheer Basha 8. Dr. V S Prabhavathy 9. Dr. P. Subramanyam 10. N. Vasudha 11. Dr. P. Subramanyachary 12. Dr. B. Ashok 13.Dr. Aruna Gudimetla	22-05-2025	20-06-2025	202541049354 A	Application Awaiting Examination

221	MGMT, Patent	Predictive Cash Flow Forecasting Using Historical Data And Behavioral Data And Output	1. Dr. P. Lokesh Munikumar 2. K. Elizbeth Rani 3. V. Muralidhar 4. Dr. Siny Philip 5. Santhiram Engineering College 6. Dr. Dasari Rajesh Babu 7. Vijay S Narayan 8. Dr. Sarikag 9. Dr. M. Vijaya Bhaskar Reddy 10. Dr. K. V. Geetha Devi 11. M. Abdul Basith 12. S.M.D. Ershad 13. Rammurthy Bedaduri	1. Dr. P. Lokesh Munikumar 2. K. Elizbeth Rani 3. V. Muralidhar 4. Dr. Siny Philip 5. Santhiram Engineering College 6. Dr. Dasari Rajesh Babu 7. Vijay S Narayan 8. Dr. Sarikag 9. Dr. M. Vijaya Bhaskar Reddy 10. Dr. K. V. Geetha Devi 11. M. Abdul Basith 12. S.M.D. Ershad 13. Rammurthy Bedaduri	22-05-2025	20-06-2025	202541049385 A	Application Awaiting Examination

222	MGMT, Patent	Dynamics Interest Rate Models on User Behavior or Market Conditions	1. Dr. P. Lokesh Muni Kumar 2. Ramamurthy Bedaduri 3. V. Muralidhar 4. Dr. Chowlam Sandeep Kumar 5. Santhiram Engineering College 6. D. Ramyasree 7. Dara Maria Sudha 8. Dr. Dasari Rajesh Babu 9. Dr. Prabhavathy V S 10. Dr. A K Neeraja Rani 11. Dr.V Vijayakumar 12. Dr.G. Ramanjaneyulu 13.Dr. D. Anjaneyulu	1. Dr. P. Lokesh Muni Kumar 2. Ramamurthy Bedaduri 3. V. Muralidhar 4. Dr. Chowlam Sandeep Kumar 5. Santhiram Engineering College 6. D. Ramyasree 7. Dara Maria Sudha 8. Dr. Dasari Rajesh Babu 9. Dr. Prabhavathy V S 10. Dr. A K Neeraja Rani 11. Dr.V Vijayakumar 12. Dr.G. Ramanjaneyulu 13.Dr. D. Anjaneyulu	22-05-2025	20-06-2025	202541049386 A	Application Awaiting Examination
223	MGMT, Patent	Identification of Potential Risk Management Techniques and Assessment in Organizations	1 . Dr. C.Vindya Vasini 2 . Ramamurtliy Bedaduri 3 . Muralidhar.V 4 . Vijay S Narayan 5 . Santhiram Engineering College 6 . Dr. Prabhavathy V.S 7 . N.Vasudha 8 . Dr.B.Sankar Naik 9 . Dr. S. Mohana 10 . K.Elizabeth Rani 11 . Syeda Nikath bano 12 .	1 . Dr. C.Vindya Vasini 2 . Ramamurtliy Bedaduri 3 . Muralidhar.V 4 . Vijay S Narayan 5 . Santhiram Engineering College 6 . Dr. Prabhavathy V.S 7 . N.Vasudha 8 . Dr.B.Sankar Naik 9 . Dr. S. Mohana 10 . K.Elizabeth Rani 11 . Syeda Nikath bano 12 . Dr.G.Ramanjeneyulu 13 . Dr.B.Ujwala	22-05-2025	20-06-2025	202541049358 A	Application Awaiting Examination

			Dr.G.Ramanjeneyulu 13 . Dr.B.Ujwala					
224	MGMT, Patent	Impact Of Social Media Monitor For Brand Reputation Management In India	1 . Dr. P.Lokesh Muni Kumar 2 . Dr. Vidya 3 . Dr. Nellore Chandan Prasad 4 . Dr. Sreeja K 5 . Santhiram Engineering College 6 . Dr. C. Vindhya Vasini 7 . Sariga S S 8 . Dr.A.K.Neeraja Rani 9 . Rammurthy Bedaduri 10 . S.M.D Ershad 11 . Dr. T. Madhavi 12 . Syeda Nikhath Bano 13 . M. Umrez	1 . Dr. P.Lokesh Muni Kumar 2 . Dr. Vidya 3 . Dr. Nellore Chandan Prasad 4 . Dr. Sreeja K 5 . Santhiram Engineering College 6 . Dr. C. Vindhya Vasini 7 . Sariga S S 8 . Dr.A.K.Neeraja Rani 9 . Rammurthy Bedaduri 10 . S.M.D Ershad 11 . Dr. T. Madhavi 12 . Syeda Nikhath Bano 13 . M. Umrez	22-05-2025	20-06-2025	202541049376 A	Application Awaiting Examination
225	MGMT, Patent	Cloud-Connected IoT System for Dynamic Urban Traffic Management	1. Vaishnavee Vijay Rathod 2.Dr. Vijay Rajaram Rathod 3.Ms. Neetu Dixit 4.Dr. Aaluri Seenu 5.Dr. Mahadevan M 6.Pramodhini R 7.Dr. R. Senthamil Selvan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-06-2025	15-08-2025	202521056402	Filed

226	MGMT, Patent	System and Method for Evaluating the impact of social media marketing and IoT integration on sales performance of small online businesses	1 . Chokkamreddy Prakash 2 . Dr. B. Raghava Reddy 3 . Dr. P. Mukilan 4 . Dr. Janani S R 5 . Dr. S. Sathish Kumar 6 . Dr. A. Suresh Kumar	1 . Chokkamreddy Prakash 2 . Dr. B. Raghava Reddy 3 . Dr. P. Mukilan 4 . Dr. Janani S R 5 . Dr. S. Sathish Kumar 6 . Dr. A. Suresh Kumar	15-07-2025	25-07-2025	202541067622 A	Filed And Published, Awaiting Request for Examination
227	CSE-AI/ML, Patent	GarudaOne-Autonomous Aerial Content Creation System with Wearable Voice-Control and AI Editing Pipeline	1.Mr. K. Arjun Sai 2.Dr. J. Avanija 3.4.Dr. K. Reddy Madhavi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-05-2025	30-05-2025	202541050051 (CBR. No-31090)	Filed And Published, Awaiting Request for Examination
228	CSE-AI/ML, Patent	SoulDub: AI-Based Automated Multilingual Dubbing System with Emotion Preservation, Dialect Adaptation, Lip Reanimation, and Offline Synchronization Optimization	1.Mr. K. Arjun Sai 2.Dr. J. Avanija 3.Dr. B. Narendra Kumar Rao 4.Dr. K. Reddy Madhavi 5.Ms. G. Susmitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-05-2025	30-05-2025	202541050045 (CBR. No-31082)	Filed And Published, Awaiting Request for Examination
229	ECE, Patent	A Voice-Activated Multi-Modal Wearable Assistive System for Physically Disabled Individuals	1. Dr. N. Padmaja 2. Mr. S. Mahesh 3.Mr. P. Sai Kumar 4.Mr. C N S Varun 5.Dr. B. Ujwala	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-05-2025	13-06-2025	202541050345 (CBR. No-31294)	Filed And Published, Awaiting Request for Examination
230	ECE, Patent	A Directional Vibratory Alert System for Hearing Impaired Using	1. Dr. N Harathi 2. Ms. N P Dharani 3. Dr. N Gireesh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-05-2025	06-06-2025	202541050284 (CBR. No-31247)	Filed And Published, Awaiting Request for

		Wearable Sound Detection Modules						Examination
231	Mech, Patent	A Method and System for Fabricating and Optimizing Mechanical Properties of PLA-Rice Husk Composite	1. Dr. B. Vishnu Vardhana Naidu 2. Dr. Ramesh raju	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	27-05-2025	13-06-2025	202541050663 (CBR. No-31460)	Filed And Published, Awaiting Request for Examination
232	EEE, Patent	An Internet of Things (IoT) based Patient Health Monitoring System	1. Dr. V. Nanda Gopal 2. Dr.K.B. Bhaskar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	27-05-2025	13-06-2025	202541050661 (CBR. No-31455)	Filed And Published, Awaiting Request for Examination
233	Mech, Patent	HydroFit Cap-Hydration and A Universal, Leak-Proof, Telescopic Straw Cap with Integrated Filter for Water Bottles	1. Dr. K. Lashmi Kala 2. Mr. Panchala Avinash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	28-05-2025	13-06-2025	202541051156 (CBR. No-31735)	Filed And Published, Awaiting Request for Examination
234	ECE, Patent	Design and Implementation of Reconfigurable Approximate Adder in Real Time for Image Watermarking	1. Ms. Alidena Bhargavi 2. Ms. Darla Sahithya 3. Mr. I Venu Madhav 4. Mr. Anchakanti Naveen Kumar 5. Prof. Avireni Srinivasulu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	28-05-2025	06-06-2025	202541051155 (CBR. No-31731)	Filed And Published, Awaiting Request for Examination

235	ECE, Patent	A Hybrid Signal Denoising Approach Using Wavelet Decomposition and Neural Network-Based Thresholding	1. Prof. P. Venkata Ramana 2. Mr. Veeramreddy Varun Reddy 3.Mr. Yamasani Yugandhar Reddy 4.Mr. Vadla Sai Krishna 5.Mr. Gadi Jaisindh Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-06-2025	27-06-2025	202541056826 (CBR. No-35138)	Filed And Published, Awaiting Request for Examination
236	Civil, Patent	Ramiecrete: A Sustainable Eco-Composite Material for Green Construction.	1. Mr. Shaik Nurulla 2.Mr. Suriseti Manikanta 3.Mr. Palaneni Siva Shankar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-06-2025	27-06-2025	202541056824 (CBR. No-35135)	Filed And Published, Awaiting Request for Examination
237	ECE, Patent	Low-Power Wireless Sensor Network for Remote Health Monitoring Applications	1 . N. Ramya Devi 2 . Mrs. K.S.S. Soujanya Kumari 3 . Mrs. L. Yamini Swathi 4 . Dr Neeraj Kumari 5 . Dr. Neelima K 6 . Dr.Latha Parthiban 7 . Mihirkumar B. Suthar 8 . Dr. Lincy Golda Careline 9 . Dr. Aarti Sangwan 10 . Dr S Suganthi	1 . N. Ramya Devi 2 . Mrs. K.S.S. Soujanya Kumari 3 . Mrs. L. Yamini Swathi 4 . Dr Neeraj Kumari 5 . Dr. Neelima K 6 . Dr.Latha Parthiban 7 . Mihirkumar B. Suthar 8 . Dr. Lincy Golda Careline 9 . Dr. Aarti Sangwan 10 . Dr S Suganthi	16-06-2025	27-06-2025	202541057823 (CBR. No-35712)	Filed And Published, Awaiting Request for Examination

238	CSE-DS, Patent	Phishalert: Real-Time Detection And Analysis Of Malicious Urls Using Advanced Machine Learning Models	1. Dr. V. Jyothsna 2.Ms. Rangineni Devarshini 3.Mr. Polineni Hemanth 4.Mr. Shaik Mohammed Shakeeb 5.Mr. Shaik Kandanoor Salvar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-06-2025	27-06-2025	202541058922 (CBR. No-36475)	Filed And Published, Awaiting Request for Examination
239	Pharmacy, Patent	Toxicological Exploration of Ethanolic Extract of Walsura Piscidia in Albino Wistar Rats	1. Dr. P.Dharani Prasad 2.Ms. G.Mounica Sri	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-06-2025	27-06-2025	202541058924 (CBR. No-36479)	Filed And Published, Awaiting Request for Examination
240	CSE, Patent	Coolend Pump with Heat Sinking	1.Mr. Dhanireddy Veda Phanindra Reddy 2.Mr. Kokkanti Giri Prakash 3.Mr. Vempalli Arif 4.Ms.Seelam Ankalu Gari Manaswini 5.Mr. Enugula Dileep Kumar 6.Dr. Gurram Sunitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	25-06-2025	11-07-2025	202541060559 (CBR. No-37512)	Filed And Published, Awaiting Request for Examination
241	Mech, Patent	Cryogenically Optimized Hybrid Nanocomposites Using Agro-Waste Fibers and Nano-SiO ₂ for High-Performance Structural Applications.	1. Dr. G. Velmurugan 2.Dr. N. Manikandan 3.Dr. P. Thejasree	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	25-06-2025	11-07-2025	202541060616 (CBR. No-37535)	Filed And Published, Awaiting Request for Examination

242	CSE, Patent	FruitWise: The Non-Destructive Palm Oil Production Revolution	1. Mr. Dhanireddy Veda Phanindra Reddy 2.Mr. Bommireddy Arya Vishnu Vardhan Reddy 3.Ms. Chevva Sai Greeshma 4.Ms. Mahanandi Harini 5.Ms. Moghal.Haneefa Baigum 6. Dr. Gurram Sunitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	28-06-2025	11-07-2025	202541061883 (CBR. No-38420)	Filed And Published, Awaiting Request for Examination
243	ECE, Patent	Lung-RetinaNet : Lung Cancer Detection Using a RetinaNet With Multi-Scale Feature Fusion and Context Module	1. Ms. K. Praveena 2.Mr. Y. Bharath 3.Mr. V. Tharun 4.Mr. V. Anil Kumar Reddy 5.Mr. M. Maheswar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	28-06-2025	11-07-2025	202541061880 (CBR. No-38418)	Filed And Published, Awaiting Request for Examination
244	ECE, Patent	2.3GHz and 5.8GHz Operated Compact Dual Band Antenna for Wireless Transportation systems	1. Dr. K. Neelima 2.Ms. Billu Nikhitha 3.Mr. Belagallu Basavaraj 4.Mr. Bandaru Venkata Dinesh Kumar 5.Mr. Vanamala Sarath Yadav	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	01-07-2025	11-07-2025	202541062630 (CBR. No-38906)	Filed And Published, Awaiting Request for Examination
245	ECE, Patent	IOT-Driven Smart Shopping Cart for Enhanced Safety and Convenience	1.Dr. D. Leela Rani 2.Mr. K. Nallappa 3.Ms. M. Urmila 4.Ms. K. Janaki 5.Ms. J. Sreelakshmi 6.Dr. M. Manohara	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	01-07-2025	11-07-2025	202541062631 (CBR. No-38907)	Filed And Published, Awaiting Request for Examination

246	MCA, Patent	Rice Leaf Disease Detection By Using Deep Learning	1. Dr. P. Baby Maruthi 2. Ms. Burujula Indu 3.Ms. D.K. S. Vijayalakshmi 4.Ms. Lavani Ayesha Thasmiya 5.Mr. Bathala Shiva Thulasi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-07-2025	11-07-2025	202541064340 (CBR. No-39967)	Filed And Published, Awaiting Request for Examination
247	SOLAS, Patent	Sustainable Chemical Processing of Cu ₂ ZnSnS ₄ thin film Absorbers using Layered Deposition	1. Dr. YB Kishore Kumar 2.Mr. M. Pavan Sai Reddy 3.Dr. YB Kiran	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-07-2025	11-07-2025	202541064339 (CBR. No-39962)	Filed And Published, Awaiting Request for Examination
248	EEE, Patent	Hybrid Energy Storage Systems for Electric Vehicles using Machine Learning based Optimization Techniques.	1.Dr. G. Hari Krishnan 2.Ms. Bathula Harini 3.Ms. Jitta Sravya 4. Mr. Chintha Jeswanth 5.Mr. Dasara Raju Sasidhar 6.Mr. G Revan Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-07-2025	25-07-2025	202541065751 (CBR.No-40820)	Filed And Published, Awaiting Request for Examination
249	CSE-DS, Patent	Smart Specs : Real-Time Object Detection through Embedded Vision.	1. Mr. Munagala Suneel Kumar 2.Ms. Chilukuri Prathima 3.Ms. Roje Spandana Rajeti 4.Dr. Irala Suneetha 5.Mr. Shaik Thousif 6.Mr. Palyam Vamsi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-07-2025	25-07-2025	202541065796 (CBR. No-40843)	Filed And Published, Awaiting Request for Examination

250	CSE-DS, Patent	GyroSense: IoT-Driven Maternal Health Monitoring for Rural Pregnant Women Using Gyroscopic Tilt Detection	1.Dr. K Reddy Madhavi 2.Dr. B. Narendra Kumar Rao 3.Dr. N. Padmaja 4.Ms. Sake Gayathri 5.Ms. Mudavath Manasa Bai	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-07-2025	25-07-2025	202541067236 (CBR. No-61703)	Filed And Published, Awaiting Request for Examination
251	CSE-DS, Patent	Deep Feature-Based Unified Image Similarity Detection	1.Ms. Chilukuri Prathima 2.Mr. G Mahesh Babu 3.Dr.Irala Suneetha 4.Mr. M Mahesh Babu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-07-2025	25-07-2025	202541067235 (CBR. No-41702)	Filed And Published, Awaiting Request for Examination
252	CSE-DS, Patent	System and Method for Breast Cancer Diagnosis Using Multi-Modal Deep Learning Approaches	1. Dr. K. Reddy Madhavi 2.Ms. K. Anusha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-07-2025	25-07-2025	202541067201 (CBR. No-41699)	Filed And Published, Awaiting Request for Examination
253	Pharmacy, Patent	Formulation And Evaluation Of Alternanthera Sessilis Based Ointment	1. Dr. D. Lakshman Kumar 2. Dr. Vema Kiran	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-07-2025	25-07-2025	202541068633 (CBR. No-42512)	Filed And Published, Awaiting Request for Examination
254	CSE, Patent	Integrated Mobile Charging Station with Solar and Wind Energy	1. Mr. Dhanireddy Veda Phanindra Reddy 2.Mr. Billakanti Mokshith 3.Ms. Kalikiri Hema 4.Ms. B Swapna Reddy 5.Ms. Gosetty Chandana 6.Ms.Yatham Venkata Yaswanthi 7.Mr. Sivakumar Depuru	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-07-2025	25-07-2025	202541068596 (CBR. No-42490)	Filed And Published, Awaiting Request for Examination

255	CSE-AI ML, Patent	Optimizing Network Intrusion Detection Systems Through Deep Attention Mechanisms	1. Dr. B. Narendra Kumar Rao 2.Ms. V.Noore Fathima 3.Mr. Thanjavuru Sandeep 4.Ms. Zannawada Sowmya Sri 5.Ms. Tapasi Likitha Reddy 6.Mr. Aramati Bhanu Prasad Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	23-07-2025	01-08-2025	202541069985 (CBR. No-43399)	Filed And Published, Awaiting Request for Examination
256	CSE-AI ML, Patent	Enhancing Security in IoT Devices through Deep Learning based Intrusion Detection System using SMO Algorithm	1. Dr. J. Avanija 2.Mr. Y. Yeswanth Reddy 3.Mr. K. Sumanth 4.Mr. K. E. Dhanesh Kumar 5.Mr. S. Hari Vamsi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	23-07-2025	01-08-2025	202541069983 (CBR. No-43398)	Filed And Published, Awaiting Request for Examination
257	CSE, Patent	Ship-Integrated Desalination & Energy Recovery System	1. Mr. Dhanireddy Veda Phanindra Reddy 2.Ms.Mirsha S M 3.Ms.Kanchi Dedeepya Rajarajeswari Siri 4.Ms. Devarasetty Sri Ranga Likhitha Naidu 5.Ms.Eluri Namratha siri 6.Dr.Gurram Sunitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	23-07-2025	01-08-2025	202541069981 (CBR. No-43397)	Filed And Published, Awaiting Request for Examination

258	Pharmacy, Patent	Method for Producing TEMPO-Oxidized Nanocellulose from Water Hyacinth Petioles for Industrial and Pharmaceutical Applications	1. Dr. S. Prasanthi 2.Mr. B. Reddy Subbaramaiah 3.Ms. C. Swetha 4.Mr. C. Harish 5.Ms. C. Kalyani 6.Ms. C. V. Sindhu 7.Ms. M. Bhavani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-07-2025	01-08-2025	202541071212 (CBR. No-44166)	Filed And Published, Awaiting Request for Examination
259	BCA, Patent	StationMap: An Intelligent Navigation and Facility Management Solution	1. Mr. P. Feridoz Khan 2.Ms. V.Jyoshika Reddy 3.Ms. P.Pallavi 4.Ms. V.Tejaswini 5.Ms. S.Keerthi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-07-2025	01-08-2025	202541071210 (CBR. No-44164)	Filed And Published, Awaiting Request for Examination
260	CSE-DS, Patent	An Intelligent Multi- Stage Agricultural Pest Surveillance and Forecasting System Using Cross-Modal Hybrid Deep Networks and Early- Warning Mechanism	1. Ms. K. Divya 2.Dr. K Reddy Madhavi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	29-07-2025	01-08-2025	202541072007 (CBR. No-44628)	Filed And Published, Awaiting Request for Examination
261	CSE-AIML, Patent	AI-Powered Oral Cancer Screening Using Deep Learning	1. Dr. K. Padmaja 2.Ms. S. Bhuvaneswari 3.Mr. T. Ajay Kumar 4.Mr. V. Teja Venkata Sainath 5.Ms. S. Yashaswini	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	29-07-2025	01-08-2025	202541072000 (CBR. No-44625)	Filed And Published, Awaiting Request for Examination

262	CSE-DS, Patent	Seeing the Flames: A Deep Hybrid CNN-RNN Approach for Forest Fire Detection	1. Dr. K. Reddy Madhavi 2. Ms. K. Anusha 3. Dr. J. Avanija 4. Dr. Gurram Sunitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	29-07-2025	01-08-2025	202541071999 (CBR. No-44623)	Filed And Published, Awaiting Request for Examination
263	CSE-AIML, Patent	Neuroimaging of Brain Activation in Emotional Decision-Making and Mental Health	1. Ms. G. Sailaja 2. Dr. B. Narendra Kumar Rao	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	01-08-2025	22-08-2025	202541073342 (CBR. No-45440)	Filed And Published, Awaiting Request for Examination
264	MCA, Patent	Non-Invasive Eye Disease Diagnosis through Deep Transfer Learning on Retinal Images	1. Dr. P. Baby Maruthi 2. Ms. Derangula Nageswari	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	01-08-2025	22-08-2025	202541073322 (CBR. No-45435)	Filed And Published, Awaiting Request for Examination
265	BCA, Patent	Decentralised Multi-Agent Reinforcement Learning System for Adaptive Urban Traffic Signal Control	1. Mr. Sivakumar Depuru 2. Ms. Y. Meghana 3. Ms. K. Poojitha 4. Ms. D. Rajeswari 5. Ms. P. Navya Deepthi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-08-2025	22-08-2025	202541073703 (CBR. No-45669)	Filed And Published, Awaiting Request for Examination
266	CSE-AIML, Patent	AI-Powered Diabetic Retinopathy Classifier Using Hybrid Deep Learning Framework with Real-Time Clinical Deployment	1. Dr. K. Kavitha 2. Ms. M. Deepthi Priya 3. Ms. P. Abhiram Chowdary 4. Mr. P. Nithin Sai 5. Ms. P. Deepthi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-08-2025	22-08-2025	202541073702 (CBR. No-45668)	Filed And Published, Awaiting Request for Examination

267	BCA, Patent	Sensor-Free Air Quality Monitoring and Forecasting System Using Real-Time API Data	1. Mrs. S. Swarnalatha 2.Mr. Kotipalli Karthik 3.Mr. Varadhan Harish 4.Mr. Pinjari Jafar 5.Mr. Kambaiah Gari Karthik Narayana 6.Mr. Shaik Nizam	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-08-2025	22-08-2025	202541074443 (CBR. No-46117)	Filed And Published, Awaiting Request for Examination
268	BCA, Patent	Advanced Driving Profile Classification and Fuel Consumption Prediction Using AI	1. Dr. M. Sowmya Vani 2.Dr. Thaya Madhavi 3.Mr. V Roop Sagar 4.Mr. Desai Vamsi Krishna 5.Mr. Angajala Madhan 6.Mr. S Dillip 7.Mr. Arindlu Shine Akash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-08-2025	22-08-2025	202541074614 (CBR. No-46213)	Filed And Published, Awaiting Request for Examination
269	CSE-AI ML, Patent	Agriculture 4.0: IoT and Machine Learning for Enhanced Yield Prediction	1. Dr. K. Kavitha 2.Ms. K. Ghamya 3.Dr. Gorla Gayathri 4.Mr. Thulluru Prudhvi 5.Ms. Talari Mounika 6.Mr. Shaik Moulali 7.Ms. Vasipalli Meghana	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-08-2025	05-09-2025	202541075125 (CBR. No-46602)	Filed And Published, Awaiting Request for Examination
270	MCA, Patent	Secure Modular Telemedicine and Appointment Booking Platform for Patient Doctor Admin Integration	1. Dr. S Dilli Babu 2.Mr. Venkatarreddygari Ravichander 3.Dr. Choda Durga V Subba Rao	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-08-2025	05-09-2025	202541075090 (CBR. No-46579)	Filed And Published, Awaiting Request for Examination

271	MCA, Patent	Intelligent Multi-Modal Diagnostic System for Early Detection and Management of Parkinson's Disease	1. Dr Niyaz Hussain A M J 2.Mr. T. Naga Suresh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-08-2025	05-09-2025	202541075086 (CBR. No-46576)	Filed And Published, Awaiting Request for Examination
272	MCA, Patent	Sensorless Cardiac Risk Scoring and Lifestyle Advisory Application	1. Mr. Shaik Nayab Rasool 2.Dr. M. Sowmya Vani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-08-2025	05-09-2025	202541076585 (CBR. No-47423)	Filed And Published, Awaiting Request for Examination
273	CSE-DS, Patent	A System and Method for Intrusion Detection in Smart Agricultural Systems	1. Dr. V. Jyothsna 2.Mr. S. Javeed 3.Mr. G Dileep Reddy 4.Ms. K. Meghana 5.Mr. G M Venu	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. V Jyothsna	23-08-2025	05-09-2025	202541080077 (CBR. No-49718)	Filed And Published, Awaiting Request for Examination
274	ECE, Patent	A System for Reusable and Modular UVM-Based Verification of Multi-Protocol RTL Designs Using System Verilog	1. Dr. M. Bharathi 2.Dr.Krithikaa Mohanarangam 3.Ms. D.Shravani 4.Ms. V.Suchi 5.Ms. N. Rushitha 6.Mr. Y.Tejadeep Reddy	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. M. Bharathi	23-08-2025	05-09-2025	202541080076 (CBR. No-49715)	Filed And Published, Awaiting Request for Examination
275	CSE-DS, Patent	Sign Language Glove for Gesture Recognition and Real-Time Translation	1. Mr. Kothuri Rahul 2.Dr. N. Padmaja 3.Prof. Nagaraj Ramrao 4.Dr. K. Reddy Madhavi 5.Ms. Geepalem Leena 6.Mr. Bejagam Balu Amareswar 7.Ms. Sidda Deepika	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. N. Padmaja	25-08-2025	19-09-2025	202541080350 (CBR. No-49888)	Filed And Published, Awaiting Request for Examination

276	CSE-DS, Patent	Design and Development of Low-Cost Modular IoT-Driven Robotic Arm System Using Arduino for Educational, Medical, and Small Industrial Usage	1. Dr. A. V. Sriharsha 2.Dr. K. Reddy Madhavi 3.Mr. K Mallikarjuna Reddy 4.Mr. Chatta Naveen	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. K Reddy Madhavi	26-08-2025	05-09-2025	202541080819 (CBR. No-50247)	Filed And Published, Awaiting Request for Examination
277	CSE-DS, Patent	AlzCBot-Smart Robotic Assistant with AI and Wearable Integration for Alzheimer's Patient Care	1.Dr. K. Reddy Madhavi 2.Mr. Vishal Kumar Jaiswal 3.Mr. Benhur Andrew Joel Akepogu 4.Ms. Anusha Akepogu	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. K Reddy Madhavi	26-08-2025	05-09-2025	202541080815 (CBR. No-50243)	Filed And Published, Awaiting Request for Examination
278	CSE-AIML, Patent	Cyber Threat Enhanced Detection Using Hybrid Learning Approach	1. Mr. V. Siva Prasad 2.Ms. Pothula Thanmayi 3.Ms. Murathotti Sivapriya 4.Ms. Ravula Siva Rohitha Reddy 5.Ms. Nagendran Naga Sreesha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-09-2025	10-10-2025	202541088216 (CBR. No-54720)	Filed And Published, Awaiting Request for Examination
279	CSE-AIML, Patent	A Novel Explainable Machine Learning Model for PDF Malware Detection	1.Ms. Nadella Naga Sai Hasitha 2.Mr. Meruva Karthik 3.Mr. Omkaram Venkata Surendra 4.Ms. Pokapudi Yuwanjali 5.Ms. Kummarikunta Sandhya	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-09-2025	10-10-2025	202541088005 (CBR. No-54594)	Filed And Published, Awaiting Request for Examination

280	CSE-AI ML, Patent	Transforming Sign Language: The Power of Deep Vision SignFormer	1. Mr. Shyamanth Kumar 2. Mr. Navanth Kumar 3. Mr. Sadak SMS 4. Mr. Poola Ajith 5. Mr. B. Raveendra Naick	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-09-2025	10-10-2025	202541088063 (CBR. No-54635)	Filed And Published, Awaiting Request for Examination
281	CSE-AI ML, Patent	Learning-Based Intelligent Drug Recommendation System Using Data- Driven Modelling and Predictive Analytics	1. Ms. B Rajani 2. Dr. P. Dhanalakshmi 3. Dr. Kavitha Kothandasamy 4. Ms. B Mahitha 5. Mr. C Suryanarayana 6. Mr. M Nithish Kumar 7. Mr. C S Abdul Munaf	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-09-2025	17-10-2025	202541089203 (CBR. No-55343)	Filed And Published, Awaiting Request for Examination
282	CSE-AI ML, Patent	Hybrid Deep Learning Framework for Skin Cancer Classification Using RCNN and YOLOv8 Contour Detection	1. Ms. K. Ghamya 2. Dr. Kavitha Kothandasamy 3. Dr. G. Vennila 4. Ms. B. Rajani 5. Mr. V. Siva Prasad 6. Ms. Natarani Deepika 7. Mr. Akula Balaji 8. Mr. Shaik Nazeer Wali 9. Mr. Bogani Varshith Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-09-2025	17-10-2025	202541089202 (CBR. No-55342)	Filed And Published, Awaiting Request for Examination

283	CSE-AI/ML, Patent	Deep Learning-Based Depression Detection: Insights from Twitter Data through Hashtag Text Analysis	1. Ms. Rangisetty Sai Purnima 2.Mr. Juturu Ganesh Reddy 3.Mr. Godlaveeti Guru Vishnu Vardhan 4. Mr. Kanchupati Venkata Kalyan 5.Mr. N. Balakrishna 6.Dr. P. Dhanalakshmi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-09-2025	17-10-2025	202541089039 (CBR. No-55267)	Filed And Published, Awaiting Request for Examination
284	CSE-AI/ML, Patent	VAE-Based Adversarial Learning for Cross-Domain Video Sentiment Analysis	1. Mr. V. Siva Prasad 2.Dr.Kavitha Kothandasamy 3.Dr. G. Vennila 4.Ms. Hanchate Sree Sai Sneha 5.Mr. Neelesh Sai 6.Ms. Shaik Shareena 7.Ms.Bhanu Veeramalli	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21-09-2025	17-10-2025	202541089952 (CBR. No-55723)	Filed And Published, Awaiting Request for Examination
285	Civil, Patent	ECOCRETE: Sustainable Construction Blocks Using Plastic Waste and Fly Ash	1. Dr. G K Arun Vivek 2.Ms. Madineni Deepika 3.Mr. Krishna Kumar Yadav 4.Mr. Mulla Thafer 5.Mr. Katlagal Farhankhan 6.Mr. Kallu Pothula Devaraj	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21-09-2025	24-10-2025	202541089967 (CBR. No-55733)	Filed And Published, Awaiting Request for Examination

286	Civil, Patent	Sustainable Mortar Production Using Waste Glass, C&D Debris, and Stone Dust	1. Mr. Pramod Kumar 2.Mr. L. Naveen 3.Ms. B Vengamma 4.Mr. K. Dhaneshower 5.Ms. K. Saisree 6.Mr. G. Ajay	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	23-09-2025	24-10-2025	202541090904 (CBR. No-56209)	Filed And Published, Awaiting Request for Examination
287	Civil, Patent	Sustainable Sand Stabilization Using Waste Rubber and PET Fibers	1. Mr. R. Srinivasa Rao 2.Ms. Makula Sreevalli 3.Mr. Baipalli Lokesh 4.Ms. Konalam Keerthi 5.Mr. Kallamadi Uday 6.Mr. Kammari Rajasekhar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	23-09-2025	24-10-2025	202541090817 (CBR. No-56157)	Filed And Published, Awaiting Request for Examination
288	Civil, Patent	Strength and Durability of Self Compacting Concrete by Adding PET Fibers and Alccofine	1. Mr. D. V. Purushotham 2.Mr. K. Lokesh 3.Mr. M Charan Naik 4.Mr. B Vijay Kumar 5.Mr. M. Venkateswarlu 6.Mr. B. Rajesh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	23-09-2025	24-10-2025	202541090895 (CBR. No-56204)	Filed And Published, Awaiting Request for Examination
289	Pharmacy, Patent	Antibacterial and Antifungal Potential of Aqueous Methanolic Extract of Eclipta alba L.	1.Dr. Janapati Pedda Yanadaiah 2.Mr. Yanjarappa Gari Siddesh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-09-2025	05-12-2025	202541092484 (CBR. No-57248)	Filed And Published, Awaiting Request for Examination

290	CSE-AI ML, Patent	Temporal Analysis of Oral Lesions Using RNN for Early Detection of Oral Cancer	1. Dr. G. Vennila 2. Dr. K. Kavitha 3.Mr. V. Siva Prasad 4.Ms. K. Jaya Deepthi 5.Ms. C. Reddy Prasanna 6.Mr.A.Karthikeya Reddy 7.Mr. B. Sandeep Kumar 8.Ms. D. Yamini	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. G Vennila 3. Dr. K. Kavitha	26-09-2025	31-10-2025	202541092551 (CBR. No-57292)	Filed And Published, Awaiting Request for Examination
291	ECE, Patent	A Smart Self-Checkout System for Retail Environments and a Method Thereof	1. Mr. Dhanush Kadiri 2.Mr. Harinath Vallepu 3.Mr. Raja Kullayppa Dugganapalli 4.Mr. Balaji Vallepu 5.Prof. Avireni Srinivasulu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	27-09-2025	24-10-2025	202541092948 (CBR. No-57578)	Filed And Published, Awaiting Request for Examination
292	CSE-AI ML, Patent	Automated Depression Detection from User-Generated Text Using CNN and LGBM	1.Ms.Kaluva Jaya Deepthi 2.Dr.G.Vennila 3.Ms. G. Sravanthi 4.Mr. K.Srinivasa Reddy 5.Ms. L. Yamini 6.Ms. M. Suvana	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Ms. K Jaya Deepthi	27-09-2025	24-10-2025	202541092949 (CBR. No-57579)	Filed And Published, Awaiting Request for Examination
293	ECE, Patent	IoT-Integrated Borewell Health Monitoring Device with Sensor Fusion for Groundwater Prediction	Mr. N. Anil Kumar		30-09-2025		202541093941	Filed

294	CSE-AI ML, Patent	AI-Driven Chest X-Ray Analysis for Reliable Tuberculosis Detection	1. Mr. M. Chiranjeevi 2.Ms. Kaluva Jaya Deepthi 3.Dr.G.Vennila	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	04-10-2025	31-10-2025	202541095397 (CBR. No-58885)	Filed And Published, Awaiting Request for Examination
295	Mech, Patent	A Compact and Portable USB-Powered Dual-Mode Wi-Fi and Bluetooth Extender Device	1. Dr.K.Lakshmi Kala 2.Mr.Penchala Avinash 3.Mr. Thoti Govindarajulu Nithin	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. K. Lakshmi Kala	04-10-2025	31-10-2025	202541095435 (CBR. No-58889)	Filed And Published, Awaiting Request for Examination
296	CSE-AI ML, Patent	Deep Learning-Based Automated Classification of Sleep Disorders Using Sleep Quality Metrics	1.Mr. C. Sudarsana Reddy 2.Ms.Kaluva Jaya Deepthi 3.Dr.G.Vennila 4.Ms. Medasani Yaswitha 5.Mr. Medagani Dinesh 6.Mr. Kondajogula Ajay Kumar 7.Mr. M Pavan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-10-2025	14-11-2025	202541096407 (CBR. No-59336)	Filed And Published, Awaiting Request for Examination
297	CSE-AI ML, Patent	A Patient-Centered AI Model for Brain Tumor Segmentation and Personalized Treatment Planning Using SL-Unet	1. Dr. P. Dhanalakshmi 2.Ms. Shaik Rizwana 3.Ms. Mandli Sreeja 4.Ms. Srikar Vandana	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. P. Dhanalakshmi	07-10-2025	14-11-2025	202541096418 (CBR. No-59350)	Filed And Published, Awaiting Request for Examination

298	CSE-DS, Patent	Smart AIoT Cane for Visually Impaired People with Real-Time Object Detection and Feedback System	1. Dr. K. Reddy Madhavi 2.Mr. P. Bhasha 3.Dr. V Jyothsna 4.Mr. P. Yogendra Prasad 5.Ms. Sneha Erla 6.Ms. Dharani Jangam	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. K Reddy Madhavi	08-10-2025	14-11-2025	202541096885 (CBR. No-59614)	Filed And Published, Awaiting Request for Examination
299	ECE, Patent	Intelligent Fabric Quality Assessment Using Machine Learning and Colour-Morphological Techniques	1. Dr. T V V Satyanarayana 2.Ms. A Harshitha 3.Mr. A Sai Varan 4.Ms. E. Sohitha 5.Ms. E. Moksha Yagna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-10-2025	14-11-2025	202541097345 (CBR. No-59891)	Filed And Published, Awaiting Request for Examination
300	CSE, Patent	IRS-Assisted Drone for GPS-Denied Environments	1. Mr. Dhanireddy Veda Phanindra Reddy 2.Mr. Nakka Ganesh 3.Mr. A. Basi Reddy 4.Dr. N. Padmaja	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. N Padmaja	09-10-2025	24-10-2025	202541097347 (CBR. No-59894)	Filed And Published, Awaiting Request for Examination
301	BCA, Patent	Real-Time Disaster Information Aggregation Software	1. Mr. K. Arun Kumar 2.Ms. P. Thanusri 3.Ms. P. Divya 4.Ms. S. Sai Deepthi 5.Ms. S. Lakshmi Prasanna 6. Ms. A. Srivalli	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	14-10-2025	28-11-2025	202541098955 (CBR. No-60787)	Filed And Published, Awaiting Request for Examination
302	MCA, Patent	AI-Powered Career Discovery and Development System	1. Mr. V K Muralidhar 2.Dr. M. Sunil Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	14-10-2025	28-11-2025	202541098951 (CBR. No-60785)	Filed And Published, Awaiting Request for Examination

303	EEE, Patent	A Solar-Powered Tricycle with Safety Sensors for Enhanced Mobility of Physically Challenged Individuals	1. Dr. V. Arun 2.Dr.S.Prabhu 3.Mr. Alvakonda Venkata Paneendra 4.Ms. K. Usha Sree	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-11-2025	28-11-2025	202541109906 (CBR. No-67408)	Filed And Published, Awaiting Request for Examination
304	CSE, Patent	PRNet: A Novel Two-Stage Framework for Enhanced Personalized Recommendations Using GMM Clustering with CNN and Bi-GRU	1. Ms. C. Nikitha 2.Dr. C. Sushama	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. C. Sushama	12-11-2025	28-11-2025	202541109905 (CBR. No-67406)	Filed And Published, Awaiting Request for Examination
305	CSE-AI/ML, Patent	AI-Powered Surveillance System for Smart Armed Threat Identification	1. Mr. Chinnadanduluru Shaik Aslam Moinuddin 2.Ms. Bhumiireddy Sushma Reddy 3.Mr. Chinthapatla Pranay Varna 4.Dr. J. Avanija	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. J Avanija	12-11-2025	28-11-2025	202541109967 (CBR. No-67430)	Filed And Published, Awaiting Request for Examination
306	EEE, Patent	Universal Controller for Renewable Energy-Based Grid-Connected Systems	1. Dr. E. Parimalasundar 2.Dr. K. Suresh 3.Dr. B. Hemanth Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-11-2025	28-11-2025	202541109888 (CBR. No-67401)	Filed And Published, Awaiting Request for Examination

307	ECE, Patent	An Intelligent E-Content and Reference Finder Android Application for Subject-Based Educational Resource Navigation and Access	1. Mr. MGG Sumanth Reddy 2.Dr. N. Padmaja 3.Dr. M. Bharathi 4.Mr. CNS Varun 5.Dr. G. Sandhyakumari	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. N. Padmaja	12-11-2025	28-11-2025	202541109871 (CBR. No-67393)	Filed And Published, Awaiting Request for Examination
308	EEE, Patent	An Intelligent IoT-Enabled Electric Vehicle Battery Monitoring and Accident Detection System with Real-Time Cloud Analytics	1. Dr. V Nandagopal 2.Dr.K.B.Bhaskar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-11-2025	28-11-2025	202541109912 (CBR. No-67411)	Filed And Published, Awaiting Request for Examination
309	EEE, Patent	An Intelligent IoT-Based Smart Hydroponics System for Automated Nutrient and Water Management in Crop Cultivation	1. Dr. V Nandagopal 2.Dr.K.B.Bhaskar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-11-2025	28-11-2025	202541110853 (CBR. No-67856)	Filed And Published, Awaiting Request for Examination
310	CSE-AIML, Patent	Smart Chatbot Framework for Early Identification and Monitoring of Infectious Diseases	1. Ms. Beldari Samrin Taj 2.Mr. Alakunta Sai Kiran 3.Ms. Bondalakunta Mayukha 4.Dr.B.Narendra Kumar Rao	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-11-2025	28-11-2025	202541110850 (CBR. No-67852)	Filed And Published, Awaiting Request for Examination

311	CSE-AI/ML, Patent	A Hybrid Deep Learning Framework for Brain Tumor Segmentation and Radiation Therapy Planning Using RT-AttUnet	1. Dr. P. Dhanalakshmi 2.Ms. B.Rajani 3.Mr. P Venkata Vara Prasad 4.Ms. Adluru Neha Sai 5.Ms.Ediga Susmitha	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. P. Dhanalakshmi	13-11-2025	28-11-2025	202541110846 (CBR. No-67847)	Filed And Published, Awaiting Request for Examination
312	CSE-AI/ML, Patent	AI and IoT-Based Intelligent Vehicle Accident Detection and Emergency Alert System with Driver Consciousness Monitoring.	1. Dr. Kavitha Kothandasamy 2.Mr. Sana Sunil Kumar 3.Mr. Annam Varun Kumar 4.Mr. Padaga Sri Sai Sankar 5.Mr. Amboru Koushik	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. K. Kavitha	13-11-2025	05-12-2025	202541110844 (CBR. No-67844)	Filed And Published, Awaiting Request for Examination
313	CSE-DS, Patent	Cognitive Cloud Fabric Orchestrator with Causal Inference and Digital Twin Simulation for Application-Aware Cloud Management	1. Mr. Gudivada Lokesh 2. Dr. P. Baby Maruthi 3. Dr. K .K. Baseer	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-11-2025	28-11-2025	202541110842 (CBR. No-67841)	Filed And Published, Awaiting Request for Examination
314	CSE-DS, Patent	LoRa-Based Emergency Communication System Using Drones for Disaster Response	1. Mr. P. Yogendra Prasad 2.Dr. Bhasha Pydala 3.Dr. V Jyothsna 4.Ms. Challa Poojitha 5.Mr. Sai Dinesh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-11-2025	28-11-2025	202541110837 (CBR. No-67837)	Filed And Published, Awaiting Request for Examination

315	CSE-DS, Patent	SOYO-Intelligent Embedded Vision System for Real-Time Detection of Abandoned Objects Using SOrt and YOlov8 Algorithms	1. Dr. Basha Pydala 2.Dr. V Jyothsna 3.Mr. P. Yogendra Prasad 4.Ms. Alluri Haritha Arun 5.Ms. A. Sushmita	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-11-2025	28-11-2025	202541110836 (CBR. No-67835)	Filed And Published, Awaiting Request for Examination
316	CSE-DS, Patent	Smart Vision-Based System for Real-Time Road Object Detection and Navigation in Autonomous Vehicles Using AI and Visual Mapping	1. Dr. V. Jyothsna 2.Dr. Bhasha Pydala 3.Mr. P. Yogendra Prasad 4.Mr. P. Bharath Kumar 5.Ms. M. Sravani	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2.Dr. V. Jyothsna	13-11-2025	28-11-2025	202541110886 (CBR. No-67882)	Filed And Published, Awaiting Request for Examination
317	BCA, Patent	AI-Powered Nutrition and Fitness Planner	1. Dr. M. Sirish Kumar 2.Mr. T. Sai Santhosh 3.Mr. Shaik Mohd Junaid 4.Mr. J. Raghavendra 5.Mr. Bepari Huzaif Alikhan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-11-2025	05-12-2025	202541112138 (CBR. No-68397)	Filed And Published, Awaiting Request for Examination
318	BCA, Patent	AI-Enhanced Hospital Queue Management System	1. Dr. A. Jyothi Babu 2.Ms. V Devisri 3.Ms. P. Sai Lahari 4.Ms. Gunasai Chandana 5.Ms. D Bhavana	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-11-2025	05-12-2025	202541112135 (CBR. No-68394)	Filed And Published, Awaiting Request for Examination
319	BCA, Patent	Simplifying Techniques For Speech Therapy With Cutting-Edge Applications	1.Mr. G. Bala Gangadhar 2.Ms. M. Sree Sai Bandhavi 3.Ms. Y. Gireesha 4. Ms. A. Navya Sree	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-11-2025	05-12-2025	202541112137 (CBR. No-68396)	Filed And Published, Awaiting Request for Examination

320	Pharmacy, Patent	Formulation and Development of Halobetasol-Based Microemulgel Using Liquid Paraffin and Linseed Oil for Enhanced Topical Antifungal Therapy	1.Ms. Juvvalapalem Divija 2.Dr. Vema Kiran	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-11-2025	05-12-2025	202541112133 (CBR. No-68392)	Filed And Published, Awaiting Request for Examination
321	ECE, Patent	Turning Words Into Pictures: Enhancing Children's Learning With Deep Learning	1. Ms. B Ashreetha 2.Mr. S Sreedhar 3.Mr. Thirugudu Shiva Kumar Yadav 4.Ms. Ogeti Sudharani 5.Mr. N Anil Kumar 6.Mr. VM Siddeswara	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-11-2025	05-12-2025	202541112127 (CBR. No-68391)	Filed And Published, Awaiting Request for Examination
322	EEE, Patent	A Smart Braking and Speed Control System Using MEMS-Inertial Sensing and Distance Detection for Electric Vehicles	1. Dr. M Manohara 2.Dr. D. Leela Rani 3.Ms K Supriya 4.Mr M N Srikar 5.Ms. Nagiseti Usharani 6.Mr. Rupa Mahendra 7.Ms. Surapureddy Naga Padmaja	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2.Dr. D Leela Rani	15-11-2025	05-12-2025	202541112126 (CBR. No-68390)	Filed And Published, Awaiting Request for Examination
323	BCA, Patent	Paperless Scholarship System	1. Mr. N. Purushotham 2.Ms. U. Ramya Sree 3.Ms. V. Divya Sree 4.Ms. V. Uma Maheswari 5.Ms. B. Niksitha Nayona 6.Ms. P. Aswani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	16-11-2025	05-12-2025	202541112154 (CBR. No-68405)	Filed And Published, Awaiting Request for Examination

324	Pharmacy, Patent	Formulation and Evaluation of Antioxidant-Rich Herbal Nutritional Chocolate Incorporating Soursop Extract and Cocoa Bioactives	1. Dr. Shanmugham Vippamakula 2.Dr. Mallikarjuna B.P	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-11-2025	05-12-2025	202541113231 (CBR. No-69148)	Filed And Published, Awaiting Request for Examination
325	ECE, Patent	Plant Leaf Disease Detection by Using Mobile Net and Inception	1.Dr . N . Sudhakar Reddy 2.Dr.C.Venkata Sudhakar 3.Ms. Gopireddy Rishitha 4.Ms. B.Ashwitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	18-11-2025	05-12-2025	202541113229 (CBR. No-69143)	Filed And Published, Awaiting Request for Examination
326	Pharmacy, Patent	Gefitinib Loaded Liposomal Nanoformulation for Targeted Drug Delivery in Lung Cancer Therapy	1.Dr. S. Varalaxmi 2.Ms. Sangam Harshitha 3.Mr.Sarad Pawar Naik Bukke 4.Ms.N. Thanuja	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. S. Varalaxmi	18-11-2025	05-12-2025	202541113156 (CBR. No-69103)	Filed And Published, Awaiting Request for Examination
327	Mech, Patent	A Virtual Reality-Based Interactive Learning and Training System for Assembly of Machine Components	1. Dr. N. Padmaja 2.Dr. B. Sachuthananthan 3.Dr. B Vishnu Vardhana Naidu 4.Mr. Mogal Athik	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. N Padmaja	18-11-2025	05-12-2025	202541113227 (CBR. No-69140)	Filed And Published, Awaiting Request for Examination
328	CSE-DS, Patent	Precision Yield Forecasting for Enhancing Sustainable Agricultural Practices	1. Dr. K. Reddy Madhavi 2.Mr. Sharath Chandra Parashara 3.Dr. N. Padmaja 4.Dr. Gurram Sunitha 5.Dr. J. Avanija	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. K. Reddy Madhavi	18-11-2025	05-12-2025	202541114292 (CBR. No-69809)	Filed And Published, Awaiting Request for Examination

329	CSE-DS, Patent	Energy-Efficient Sensor-Based Smart Doorbell System for Home Security	1. Ms. Ch. Prathima 2.Mr. Alvakonda Venkata Paneendra 3.Mr. Guttula Uday Satya Kiran 4.Ms. Kadiyala Divya 5.Ms. N Durga Sree 6.Ms. Chelluboyina Lavanya	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Ms. Ch. Prathima	18-11-2025	05-12-2025	202541113154 (CBR. No-69100)	Filed And Published, Awaiting Request for Examination
330	MCA, Patent	Heritage Intelligence: Reporting & Resolving Issues in Indian Historical Monuments with Machine Learning	1. Ms. Chittem Sai Supraja 2.Ms. Konangi Chandrakala	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	20-11-2025	05-12-2025	202541114309 (CBR. No-69818)	Filed And Published, Awaiting Request for Examination
331	MCA, Patent	Recommendation Systems for E-Learning using Deep Learning-Based NCF and NeuMF	1.Mr. Sanku Manoj 2.Dr. M. Sowmya Vani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	20-11-2025	05-12-2025	202541114140 (CBR. No-69720)	Filed And Published, Awaiting Request for Examination
332	MCA, Patent	Offensive Language Detection on Social Media Based on Text Classification	1. Ms. Vankadari Yaraswini 2.Dr. Konda Hari Krishna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	20-11-2025	05-12-2025	202541114130 (CBR. No-69715)	Filed And Published, Awaiting Request for Examination
333	BCA, Patent	AI Enhanced Career Guidance System For Personalized Career pathways and software	1. Mr. A.Basireddy 2. Ms. V. Vasavi 3.Ms. K. Thanushma 4.Ms. S.Naga Vardhini 5.Ms. P.Dinaz 6.Dr. M. Bharathi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-11-2025	12-12-2025	202541116126 (CBR. No-71225)	Filed And Published, Awaiting Request for Examination

334	BCA, Patent	Recognition of Early Liver Disease Detection using Deep-Learning	1. Dr. P. Baby Maruthi 2.Ms. Shaik Gulnaz 3.Ms. Chevvu Indhu 4.Ms. Noor Jasmine 5.Ms. Paida Bhoomika	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-11-2025	12-12-2025	202541116124 (CBR. No-71220)	Filed And Published, Awaiting Request for Examination
335	CSE-DS, Patent	Smart Pill Intake and Water Bottle–Assisted Medication Management System	1. Mr. B. Venkata Sivaiah 2.Dr. K. Reddy Madhavi 3.Mr. Alvakonda Venkata Paneendra 4.Mr. Didde Pavan Kumar 5.Mr. G Hemanth Kumar 6.Mr. K Naraiah	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-11-2025	12-12-2025	202541116200 (CBR. No-71280)	Filed And Published, Awaiting Request for Examination
336	EEE, Patent	High-Efficiency Gan-Based Dynamic Wireless Power Transfer System For Electric Vehicles	1 . Mr.B.V.Sai Thrinath 2 . Dr. B. Meghya Nayak 3 . Mr. G Naveen 4 . Mr. J.V.Pavan Chand 5 . Dr .M. Ramprasad Reddy 6 . Ms. B.V.Bhargavi 7 . Dr.S.Farook 8 . Mr. M. Venkatesh 9 . Mr.S.Usman Basha 10 . Mr.S.Srikanth Naik	1 . Mr.B.V.Sai Thrinath 2 . Dr. B. Meghya Nayak 3 . Mr. G Naveen 4 . Mr. J.V.Pavan Chand 5 . Dr .M. Ramprasad Reddy 6 . Ms. B.V.Bhargavi 7 . Dr.S.Farook 8 . Mr. M. Venkatesh 9 . Mr.S.Usman Basha 10 . Mr.S.Srikanth Naik	10-05-2025	30-05-2025	202541045339	Filed And Published, Awaiting Request for Examination

337	EEE, Patent	Integrated thermal management and cooling system with Switched Reluctance Motor and Battery packs for Electric Vehicle applications	1. Mr.B.V.Sai Thrinath 2.Mr.Sake Prabhakar 3.Ms.Yerasi Mahitha 4.Mr.K Jagan Mohan Reddy 5.Mr.Pamu Sudharsan Sairam 6.Ms.Thirumala Karthivya 7.Mr.Shaik Rahid	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	01-10-2025	31-10-2025	202541094375	Filed And Published, Awaiting Request for Examination
338	SOLAS, Patent	Isolation and Characterization of Bacteria from root extracts of medicinal plants using chromogenic substrates	1.Dr. Eswari Beeram 2.M.D Sihan 3.Vansh Nandanwar 4.Shaik Thasleem Bhanu	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	25-01-2025	31-01-2025	202541006305A	Filed And Published, Awaiting Request for Examination
339	SOLAS, Patent	Formulation of Metformin Sodium phosphate Nanoparticles for enhanced Antidiabetic activity	Dr. Eswari Beeram	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	30-06-2025	11-07-2025	202541063148A	Filed And Published, Awaiting Request for Examination
340	EEE, Patent	AI-Assisted Fault Diagnosis and Self-Healing Nine-Level Inverter for High-Reliability Industrial Drives	1. Mr. N. Subhash Chandra Bose 2.Mr. N. Hari Krishna 3. Dr. I. Kumaraswamy	1. Mr. N. Subhash Chandra Bosw 2.Mr. N. Hari Krishna 3. Dr. I. Kumaraswamy	25-04-2025	16-05-2025	202541039844	Filed And Published, Awaiting Request for Examination

341	EEE, Patent	Hybrid Nine-level Inverter with reduced switch count and improved thermal management for renewable energy systems	1.Mr. N. Hari Krishna 2. Mr. N. Subhash Chandra Bose 3. Dr. I. Kumaraswamy	1.Mr. N. Hari Krishna 2. Mr. N. Subhash Chandra Bose 3. Dr. I. Kumaraswamy	25-04-2025	16-05-2025	202541039845	Filed And Published, Awaiting Request for Examination
342	CSE, Patent	A Unified AI-IoI-Big Data Framework for Integrated Smart Healthcare, Finance, and Transportation Management	1 . Chokkamreddy Prakash 2 . Nadendla Anil Kumar Chowdari 3 . Addala Hemantha Kumar 4 . Mangalagiri Narmadha 5 . Patan Feridoz Khan 6 . Guntamadugu Rajesh	1 . Chokkamreddy Prakash 2 . Nadendla Anil Kumar Chowdari 3 . Addala Hemantha Kumar 4 . Mangalagiri Narmadha 5 . Patan Feridoz Khan 6 . Guntamadugu Rajesh	11-06-2025	18-07-2025	202541056405	Filed And Published, Awaiting Request for Examination
343	CSE, Patent	Quantum Computing-Based Encryption Algorithm	Dr. Cuddapah Anitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-11-2025	28-11-2025	202541108660	Filed And Published, Awaiting Request for Examination
344	CSE, Patent	Quantum Cryptography Protocol for Secure Communications	Dr. Cuddapah Anitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-11-2025	28-11-2025	202541110480	Filed And Published, Awaiting Request for Examination
2026								

345	EEE, Patent	Optimizing Voltage Regulation in Hybrid PV - Wind Power Systems using a Fuzzy Logic and Integrated DVR	1.Dr. I. Kumaraswamy 2.Mr. K. Hemanth Babu 3.Mr. P. Uday Kiran 4.Mr. M. Rohith Krishna 5.Mr. S. Shaiksha Vali 6.Mr. M. Yasho Vardhan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	02-01-2026	16-01-2026	202641000302 (CBR. No-304)	Filed And Published, Awaiting Request for Examination
346	ECE, Patent	An Automated Helmet Detection and Fine Issuance System	1. Dr. H D Praveena 2.Mr. Degasikshi Guna 3.Mr. Goruva Vardhan Babu 4.Mr. Guduru Vamsi Krishna 5.Mr. Jinka Muni Sai Yateesh	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. H D Praveena	02-01-2026	16-01-2026	202641000289 (CBR. No-263)	Filed And Published, Awaiting Request for Examination
347	CSE-AI/ML, Patent	Student Anxiety Prediction Using Active and Deep Learning Techniques	1. Dr. G. Vennila 2.Mr. V. Siva Prasad 3.Ms.K. Jaya Deepthi	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. G. Vennila	02-01-2026	16-01-2026	202641000290 (CBR. No-265)	Filed And Published, Awaiting Request for Examination
348	ECE, Patent	A System and Method for Energy-Aware Routing in Multilevel IoT Sensor Networks	1. Mr. M. Kullayappa 2.Ms. Kalyani Bai. S 3.Ms. N. Sireesha 4.Mr. N. Madhavan 5.Mr. N. Ashok Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	08-01-2026	30-01-2026	202641002055 (CBR. No-1503)	Filed And Published, Awaiting Request for Examination
349	CSE-DS, Patent	Android Security Analyzer	1. Dr. V. Jyothsna 2.Mr.B Sai Santhosh Naik 3.Ms.V Divya Bai 4.Mr.M Kullai Swamy 5.Mr.B Sreedhar	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.V Jyothsna	08-01-2026	30-01-2026	202641002097 (CBR. No-1536)	Filed And Published, Awaiting Request for Examination

350	CSE-AIML, Patent	AI-Integrated Heart Disease Prediction and Monitoring Device with Sensor Fusion and Predictive Analytics	1. Dr. K. Padmaja 2.Dr. P.Prakash	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.K Padmaja	08-01-2026	30-01-2026	202641001947 (CBR. No-1462)	Filed And Published, Awaiting Request for Examination
351	Pharmacy, Patent	Titanium Dioxide and Carbon Quantum DotNanocomposite film for Improved DolutegravirDelivery	1. Dr. S. Varalaxmi 2.Dr. Haja Bava Bakrudeen 3.Ms. M. Sailaja	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.S. Varalaxmi	08-01-2026	30-01-2026	202641001944 (CBR. No-1457)	Filed And Published, Awaiting Request for Examination
352	ECE, Patent	Standalone Raspberry Pi-Based Device for Direct Pen Drive to Pen Drive Data Transfer Without Using Personal Computer	1. Dr. N. Padmaja 2.Dr. M. Bharathi 3.Dr. Choda Durga V Subba Rao 4.Dr. G. Sandhya Kumari	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.N Padmaja	22-01-2026	30-01-2026	202641006376 (CBR. No-4590)	Filed And Published, Awaiting Request for Examination
353	ECE, Patent	Integrated Real-Time Monitoring and Emergency Response System for Enhancing Women's Security Using IoT and Sensor Fusion	1. Dr. M. Dharani 2.Ms. Talari Manisha 3.Dr. M. Bharathi	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.M Dharani	22-01-2026	30-01-2026	202641006374 (CBR. No-4590)	Filed And Published, Awaiting Request for Examination
354	MECH, Patent	AI-Enabled Wearable Locket Device and Method Thereof	1. Dr.K.Lakshmi Kala 2.Mr.Penchala Avinash 3.Mr. Thoti Govindarajulu Nithin	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.K. Lakshmi Kala	22-01-2026	30-01-2026	202641006375 (CBR. No-4590)	Filed And Published, Awaiting Request for Examination

355	CSE-AIML, Patent	Real-Time Microbial Detection and Classification using YOLO framework	1. Dr. Gurram Sunitha 2.Mr. Chinthapatla Pranay Varna 3.Mr. Golla Rajesh 4.Mr. Bukke Mounish Naik 5.Mr. Gangula Chaitanya	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.Gurram Sunitha	24-01-2026	06-02-2026	202641007125 (CBR. No-5201)	Filed And Published, Awaiting Request for Examination
356	EEE, Patent	A Photovoltaic-Based Landsman DC-DC Converter System for Efficient Electric Vehicle Battery Charging Application	1. Dr.V. Nandagopal 2.Mr. Pyda Sathwik 3.Mr. Bobba Ramanandha Prasad 4.Mr. Palem Ramabhargava Reddy 5.Mr. Bhojanapu Venkata Rohith	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	24-01-2026	06-02-2026	202641007123 (CBR. No-5201)	Filed And Published, Awaiting Request for Examination
357	Pharmacy, Patent	Palbociclib-Loaded Liposomal Nanocarrier Systemfor Targeted and Controlled Breast Cancer Therapy	1. Dr. S. Varalaxmi 2.Mr. Annem Venkata Dhanush Kumar Reddy 3.Ms. Bangi amrutha Sai 4.Ms. Bodugu Bhargavi 5.Ms. Bukke Reshika 6.Mr. Busineni Reddy Raja	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. S. Varalaxmi	29-01-2026	13-02-2026	202641008856 (CBR. No-6592)	Filed And Published, Awaiting Request for Examination

358	EEE, Patent	Charging Architecture for Electric Vehicles With RealTime Battery Analytics	1. Mr. B V Sai Thrinath 2.Ms. Yerasi Mahitha 3.Mr. Pamu Sudharsan Sairam 4.Mr. Shaik Rahid 5.Mr. Sake Prabhakar 6.Ms. V. Bhargavi Boyinasetty	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	29-01-2026	13-02-2026	202641008855 (CBR. No-6592)	Filed And Published, Awaiting Request for Examination
359	CSE-AI/ML, Patent	EMOVERT–Emotion-Aware Smart Environment System and Method Thereof	1. Dr. K. Padmaja 2.Mr. Boppana Chandramouli	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.K Padmaja	29-01-2026	13-02-2026	202641008854 (CBR. No-6591)	Filed And Published, Awaiting Request for Examination
360	CSE-DS, Patent	Integrating Deep Learning with Bio-Inspired Algorithms for Website Security	1. Dr. V. Jyothsna 2.Ms. Maddur Joshika 3.Ms. Chitipiralla Vamsipriya 4.Mr. M Abdul Rehman 5.Mr. Gittapa Gari Abhishek	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.V Jyothsna	29-01-2026	13-02-2026	202641008853 (CBR. No-6591)	Filed And Published, Awaiting Request for Examination
361	CSE-DS, Patent	AI-Based Automated Medicinal Plant Recognition System Using Deep Learning Architectures	1. Dr. K. Reddy Madhavi 2.Dr.B. Narendra Kumar Rao 3.Dr. V. Jalaja 4.Dr. N Padmaja	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.K Reddy Madhavi	29-01-2026	13-02-2026	202641008968 (CBR. No-6691)	Filed And Published, Awaiting Request for Examination

362	CSE-AI ML, Patent	Privacy-Preserving GNN-Based Anti-Money Laundering Detection Using Fully Homomorphic Encryption Technique	1.Dr.Pandluri. Dhanalakshmi 2.Mr. Mannipudi. Prabhu Das 3.Ms. Shaik Saniya 4. Mr. Shaik Babulu 5.Mr. Konda Jagadeesh Kumar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-02-2026	20-02-2026	202641012353 (CBR. No-8575)	Filed And Published, Awaiting Request for Examination
363	ECE, Patent	Holistic IoT-Integrated Health Monitoring and Autonomous Nurse Assistant Robot for Patient Care	1. Mrs. N. P. Dharani 2.Ms. J. Deepthi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-02-2026	20-02-2026	202641012354 (CBR. No-8575)	Filed And Published, Awaiting Request for Examination
364	EEE, Patent	An Intelligent Co-ordinated Charging System for Plug-in Electric Vehicles Enabling G2V-V2G Trxns	1. Dr. V. Nandagopal 2.Mr. Nuthimadugu Venkata Sai Charan 3.Mr. Kollamoram Harshavardhan Reddy 4.Mr. Mayakuntla Vinay Teja 5.Mr. Amuri Hemavardhan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-02-2026	20-02-2026	202641012352 (CBR. No-8575)	Filed And Published, Awaiting Request for Examination
365	ECE, Patent	Smart Home Safety and Security Monitoring System with IoT-Enabled Real-Time Alert and Control Interface	1. Dr.N.Sudhakar Reddy 2.Dr. M. Bharathi 3.Dr. N. Padmaja 4.Dr.A.Damodar Reddy 5.Ms. Saleha Tabassum	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-02-2026	20-02-2026	202641012347 (CBR. No-8572)	Filed And Published, Awaiting Request for Examination
366	CSE-AI ML, Patent	An AI-Driven Machine Learning Framework for Crime Forecasting and Categorization	1. Mr. Chinnakotla Jagannath 2.Ms. Sannapureddy Akshaya 3.Mr. Kommiri Uday	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-02-2026	20-02-2026	202641012348 (CBR. No-8572)	Filed And Published, Awaiting Request for Examination

			Kiran 4.Mr. Dadhigiri Umapathi 5.Mr. Ranjeet Kumar					
367	EEE, Patent	A Biometric Enabled Intelligent Vehicle Ignition System with IoT Ready Architecture	1. Mr. B V Sai Thrinath 2.Mr. Sake Prabhakar 3.Mr. K Jagan Mohan Reddy 4.Ms. Thirumala Karthivya 5.Ms. Yerasi Mahitha 6.Ms. V. Bhargavi Boyinasetty	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	05-02-2026	20-02-2026	202641012346 (CBR. No-8572)	Filed And Published, Awaiting Request for Examination
368	ECE, Patent	Smart Dual-Axis Solar Tracking and Weather-Aware IoT System	1. Ms. G Jahnavi 2.Mr. M. Uday Reddy 3.Ms. K. Yashaswini 4.Mr. D Dinesh 5.Dr. M. Balaji 6.Dr. A. Yasmine Begum	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. A Yasmine Begum	11-02-2026	20-02-2026	202641014899 (CBR. No-10069)	Filed And Published, Awaiting Request for Examination
369	CSE-AI/ML, Patent	Data-Driven Framework for Real-Time and Predictive Air Quality Monitoring	1. Mrs. B.Rajani 2.Ms.Manyam Indhu 3.Mr.J.Rajapagari.Pavan Kumar 4.Mr.Jalla Nithin Reddy 5.Mr.M.Tharun	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Mrs. B. Rajani	11-02-2026	20-02-2026	202641014958 (CBR. No-10105)	Filed And Published, Awaiting Request for Examination
370	CSE-DS, Patent	Intelligent Intrusion Detection For IoT Nodes Using Real-Time Automated Learning	1.Dr. V. Jyothsna 2.Ms. Kadapa Sadaf 3.Ms. Yekbote Prathibha 4.Ms. Gilla Sanjya 5.Ms. Peyyala Deepthi Yadav	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. V. Jyothsna	11-02-2026	20-02-2026	202641014960 (CBR. No-10105)	Filed And Published, Awaiting Request for Examination

371	EEE, Patent	Power Quality Enhancement in Standalone DFIG-Based Wind Farms Using E2PLL-Controlled D-Statcom	1. Dr. M. Manohara 2.Mr. Boya Rajashekar 3.Mr. Thummalapenta Rishi 4.Mr. Koturu Lokesh 5.Mr. Peram Vaneshwar Reddy 6.Ms. Yerikala Lahari 7.Ms. Kothanarasappa Gari Sravani	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-02-2026	20-02-2026	202641014959 (CBR. No-10105)	Filed And Published, Awaiting Request for Examination
372	CSE-AI ML, Patent	Machine Learning Framework for Fraud Detection in Multi-Participant E-Commerce Systems	1. Mr. C. Sudarsana Reddy 2.Ms. Kaluva Jaya Deepthi 3.Dr.G.Vennila 4.Mr. K. Harshith 5.Mr. Komma Siva Suman Reddy 6.Ms. Kolakaluri Priscilla 7.Mr. Gorla Vishnuvardhan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-02-2026	20-02-2026	202641014961 (CBR. No-10105)	Filed And Published, Awaiting Request for Examination
373	CSE-AI ML, Patent	AI-SmartSpeed-Automated Speed & License Plate Recognition	1. Dr. Kavitha Kothandasamy 2.Mr. Sana Sunil Kumar 3.Mr. Amboru Koushik 4.Mr. Annam Varun Kumar 5.Mr. Padaga Sri Sai Sankar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-02-2026	20-02-2026	202641014900 (CBR. No-10069)	Filed And Published, Awaiting Request for Examination

374	ECE, Patent	Automated Color-Based Object Sorting and Classification System Using Arduino Microcontroller and TCS3200 Sensor Integration	1. Dr. N. Padmaja 2.Dr. Thaya Madhavi 3.Mr. Kothuri Rahul	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-02-2026	20-02-2026	202641014901 (CBR. No-10069)	Filed And Published, Awaiting Request for Examination
375	ECE, Patent	Design of Built in Self Test for Embedded Master Slave Communication using I2C Protocol	1. Ms. B. Hari Chandana 2.Ms. Nune Divya 3.Ms. M. Snehitha 4.Ms. P. Srujana 5.Mr. Veera Dileep Yadav 6.Mr. G. Tej Tharun	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-02-2026	27-02-2026	202641017400 (CBR. No-11633)	Filed And Published, Awaiting Request for Examination
376	MECH, Patent	Viewmate: Compact Smartphone-Based Mechanical Projector	1. Dr. K. Lakshmi Kala 2.Mr.Penchala Avinash	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.K. Lakshmi Kala	17-02-2026	27-02-2026	202641017399 (CBR. No-11633)	Filed And Published, Awaiting Request for Examination
377	CSE-AIML, Patent	Deep Learning–Based Intelligent System for Early Diagnosis of Neurodegenerative Diseases	1. Dr. J. Avanija 2. Dr. K. Reddy Madhavi 3. Mr. Allam Gowri Shankar	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr. J. Avanija	19-02-2026	27-02-2026	202641018801 (CBR. No-12429)	Filed And Published, Awaiting Request for Examination
378	CSE-AIML, Patent	Advanced Phishing Detection Through Hybrid Stacking of Machine Learning Models	1. Dr.K.Padmaja 2.Ms. Kannavaram Swetha 3.Ms. R.P.Lalithya 4.Ms. Bada Navya 5.Mr. Malle Viswadharan	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-02-2026	27-02-2026	202641018800 (CBR. No-12429)	Filed And Published, Awaiting Request for Examination

			6.Mr.B.Hemanth Kumar Naik					
379	EEE, Patent	AI-Assisted Solar Photovoltaic Tracking and Energy Management System	1. Dr. M. Manohara 2.Dr. D. Leela Rani 3.Mr. Beeram Venkata Shiva Reddy 4.Mr. Bainboina Venkata Santhosh Kumar 5.Mr. Bandila Rohith 6.Ms. Paturu Siva Priya	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	19-02-2026	27-02-2026	202641018802 (CBR. No-12429)	Filed And Published, Awaiting Request for Examination
380	ECE, Patent	AcciAid : IOT-Driven Real-Time Accident Detection And Emergency Alert System	1. Ms. Hemalatha Kavuturi 2.Mr. Pavan Kumar Naik Moode 3.Mr. Murali Naik Karamthoti 4.Mr. Santhosh Kumar Malepati 5.Dr.M.Balaji 6.Dr.A.Yasmine Begum 7.Dr.N.Gireesh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-02-2026	06-03-2026	202641022852 (CBR. No-15421)	Filed And Published, Awaiting Request for Examination
381	Pharmacy, Patent	A Role of CADD (Computer Aided Drug Design) In New Drug Discovery & Development	1. Ms. Lakshmi Bhargavi.K 2.Ms. Sandhya. L 3.Dr.N.Udayakumar	Mohan Babu University (Erstwhile Sree Vidyanikethan College of Pharmacy)	26-02-2026	06-03-2026	202641022851 (CBR. No-15421)	Filed And Published, Awaiting Request for Examination

382	ECE, Patent	Care Link : A Virtual Health Care Companion	1. Dr. N. Gireesh 2.Ms. G. Supriya 3.Ms. G Bhavani Shankar Goud 4.Mr. B. Siva Bhargav 5.Ms. C. Hemalatha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-02-2026	06-03-2026	202641022853 (CBR. No-15421)	Filed And Published, Awaiting Request for Examination
383	ECE, Patent	An Enhanced Technique of Skin Cancer Classification using Deep Convolutional Neural Network With Transfer Learning Models	1. Ms. Chekuri Nalini 2.Ms. Kuruba Meghana 3.Mr. Banu Pradeep Reddy 4.Mr. Nallacherevu Nandavardhan 5.Mr. Nelakoti Siva	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-02-2026	06-03-2026	202641022781 (CBR. No-15381)	Filed And Published, Awaiting Request for Examination
384	ECE, Patent	Multi FinFet micro power rectifier using Si-nanowires in Quantum well channel structure at 2.45GHz for Spacecraft at Cryogenic temperature	1. Dr. P. Geetha 2.Mr. M. Dhanush Yadav 3.Mr. M. Anil 4.Mr. K. Raghu Babu 5.Ms. M. Manasa	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-02-2026	06-03-2026	202641022780 (CBR. No-15381)	Filed And Published, Awaiting Request for Examination
385	ECE, Patent	High frequency voltage controlled Oscillators for enhanced PLL performance in communication systems	1. Mr. M. Kullayappa 2.Ms. Kalyani Bai. S 3.Ms. N. Sireesha 4.Mr. N. Madhavan 5.Mr. N. Ashok Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-02-2026	06-03-2026	202641022779 (CBR. No-15381)	Filed And Published, Awaiting Request for Examination

386	BCA, Patent	Integrated Web-Based Recruitment and Skill Matching Platform with Online Assessment and Real-Time Application Tracking	1. Dr. B . Rama Subba Reddy 2.Mr. K S Jayanth 3.Mr. T. Amarnath 4.Mr. V Jayabalan 5.Mr. K. Venkata Shyam Sundar Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-03-2026	20-03-2026	202641027181 (CBR. No-18511)	Filed And Published, Awaiting Request for Examination
387	MCA, Patent	Graph-Based Computational System for Early Prediction of Cardiovascular Disease Risk	1. Dr. P. Baby Maruthi 2.Ms. Kotla Anitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-03-2026	20-03-2026	202641027180 (CBR. No-18511)	Filed And Published, Awaiting Request for Examination
388	ECE, Patent	IoT-Based Water Quality Monitoring and Bacterial Contamination Detection Using NodeMCU and Multi-Sensor Integration	1. Mrs. N. P. Dharani 2.Dr. N. Sudhakar Reddy 3.Ms. JC Harshitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-03-2026	20-03-2026	202641027182 (CBR. No-18511)	Filed And Published, Awaiting Request for Examination
389	ECE, Patent	Identifying Fake Reviews Through Supervised Learning Models	1. Dr. Ata Kishore Kumar 2.Mr. Dasappagari Sai Kiran Reddy 3.Ambavaram Gurumohan Reddy 4.Dungavath Babu Naik 5.Bathala Kalpana	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-03-2026	20-03-2026	202641027178 (CBR. No-18508)	Filed And Published, Awaiting Request for Examination
390	MCA, Patent	A Deep Learning-Based System for Automated Brain Tumor Detection and Classification Using MRI Images	1. Mrs. S. Swarnalatha 2. Mr. Gummadilli Sai Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-03-2026	20-03-2026	202641027179 (CBR. No-18508)	Filed And Published, Awaiting Request for Examination

391	CSE, Patent	Real-Time Bidirectional Communication System for Indian Sign Language Recognition and Speech Translation Using Deep Learning	1.Dr. Gurram Sunitha 2.Mr. B. Shanmukha Srinivas Sai 3. Ms. Khatheerja Khanam 4.Ms. D. Nimshi Jessica 5.Ms. P. Reshma 6.Ms. B. Yashmitha 7.Ms. V. Uma Maheswari	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-03-2026	20-03-2026	202641027262 (CBR. No-18570)	Filed And Published, Awaiting Request for Examination
392	ECE, Patent	Integrated RF and IoT-Based Smart Emergency Vehicle Lane Clearance and Traffic Signal Priority System	1. Ms. Nune Divya 2.Mr. Thunugunta Yaswanth 3.Mr. Tippireddy Venu 4.Mr. Papanaboina Vijay 5.Mr. Uppu Lokesh	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	09-03-2026	20-03-2026	202641027261 (CBR. No-18570)	Filed And Published, Awaiting Request for Examination
393	EEE, Patent	A Blockchain-Enabled Solar Powered Electric Vehicle Charging System with Real-Time Location and Slot Availability Monitoring	1. Dr.V.Nandagopal 2.Ms. Perala Sailaja 3.Ms. Poli Lohitha 4.Ms. Mula Umamaheswari 5.Ms. Bodireddy Sangeetha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-03-2026	20-03-2026	202641028732 (CBR. No-19360)	Filed And Published, Awaiting Request for Examination
394	ECE, Patent	System and Method for Multi-Level Automated Fabric Quality Grading Using Machine Learning for Textile and E-Commerce Applications	1. Mr. M. Venkata Naresh 2.Ms. Pallam Supriya 3.Mr. Putluru Sravan Kumar 4.Ms. Palem Akshaya 5.Mr. Yaragoti Akhil	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-03-2026	20-03-2026	202641028690 (CBR. No-19330)	Filed And Published, Awaiting Request for Examination

395	ECE, Patent	An Intelligent Multi-Scale Diffusion and Edge-Aware Sharpening System for Enhanced Medical Image Diagnostics	1. Prof. P. Venkata Ramana 2.Mr. Okili Naveen Kumar Reddy 3.Mr. Thalari Balaji 4.Mr. Nukala Vamsi Krishna 5.Mr. Pujari Jayanth Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-03-2026	20-03-2026	202641028689 (CBR. No-19330)	Filed And Published, Awaiting Request for Examination
396	ECE, Patent	A Web-Integrated Ensemble Machine Learning System for Early Brain Stroke Risk Prediction and Intervention	1.Dr. D. Leela Rani 2.Dr.M. Manohara 3.Dr. D.Neeraja	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-03-2026	20-03-2026	202641028733 (CBR. No-19360)	Filed And Published, Awaiting Request for Examination
397	ECE, Patent	High-Speed Floating Point Arithmetic Logic Unit Using Distributed Arithmetic and Offset Binary Coding for Area and Power Optimization	1. Dr. N. Padmaja 2.Dr. M. Bharathi 3.Dr. Krithikaa Mohanarangam 4.Mr. A.S. Sai Puneeth Theja 5.Dr. S. Venkata Kiran	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-03-2026	20-03-2026	202641028722 (CBR. No-19352)	Filed And Published, Awaiting Request for Examination
398	Pharmacy, Patent	Preparation and Evaluation of Cubosomes for Cancer Therapy	1. Dr. K.Thamizhvanan 2.Ms. D. Keerhti Royal	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	11-03-2026	20-03-2026	202641028721 (CBR. No-19352)	Filed And Published, Awaiting Request for Examination

399	EEE, Patent	A Reliable Fault-Tolerant Multilevel Inverter for Fuel Cell Applications	1. Dr. Busireddy Hemanth Kumar 2. Ms. P. Sri Priya 3. Mr. S. Abdul Azeez 4. Mr. M. Jagadeeswar Reddy 5. Mr. R. Giri 6. Ms. K. Govardhini	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-03-2026	27-03-2026	202641029852 (CBR. No-19946)	Filed And Published, Awaiting Request for Examination
400	ECE, Patent	AI-Driven IoT-Based Precision Soil Intelligence and Nutrient Optimization System for Sustainable Agriculture	1. Ms. Nune Divya 2. Dr. C. Venkata Sudhakar 3. Ms. Siddani Likhitha 4. Mr. Peddamallu Sri Harsha Reddy 5. Ms. Shaik Nazma 6. Mr. Parathu Eswar Sai	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-03-2026	27-03-2026	202641030124 (CBR. No-20055)	Filed And Published, Awaiting Request for Examination
401	ECE, Patent	A Virtual Reality-Based Visualization and Structural Analysis System for Multistory Building Design	1. Dr. N. Padmaja 2. Dr. S. Jeeva Chithambaram 3. Dr. Siva Nanda Reddy. Y	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-03-2026	27-03-2026	202641031900 (CBR. No-21156)	Filed And Published, Awaiting Request for Examination
402	ECE, Patent	Raspberry Pi-Based Real-Time Vehicle Number Plate Recognition and Authentication System Using OCR and Ultrasonic Sensing	1. Dr. M. Dharani 2. Dr. M. Bharathi 3. Dr. Krithikaa Mohanaragam 4. Mr. K. Purushotham 5. Dr. V. Jalaja	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-03-2026	27-03-2026	202641032052 (CBR. No-21286)	Filed And Published, Awaiting Request for Examination

403	CSE-DS, Patent	Deep Learning-Based Detection of Anomalous and Unbalanced Network Traffic Patterns	1. Dr. V. Jyothsna 2.Ms. M. Sunandini 3.Ms. K. Hema Sri 4.Ms. M. Suchitha 5.Mr. C. Sivarama Krishna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-03-2026	27-03-2026	202641032053 (CBR. No-21286)	Filed And Published, Awaiting Request for Examination
404	CSE-AI/ML, Patent	Smart Early Warning System to Prevent Car Engine Burnout using IoT and Machine Learning	1. Dr .Kavitha Kothandasamy 2.Mr. Sana Sunil Kumar 3.Mr. Annam Varun Kumar 4.Mr. Amboru Koushik 5.Mr. Padaga Sri Sai Sankar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-03-2026	27-03-2026	202641031902 (CBR. No-21156)	Filed And Published, Awaiting Request for Examination
405	ECE, Patent	An Integrated IoT-Based Smart Agricultural System for Automated Irrigation Management and Leaf Disease Detection	1. Dr. N. Gireesh 2.Ms. Ms. Kottapalli Haritha 3.Mr. K. Srinivasulu 4.Mr. Maddela Abhinay Abraham Kanaka Prakash 5.Mr. M. Anand Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-03-2026	27-03-2026	202641031901 (CBR. No-21156)	Filed And Published, Awaiting Request for Examination
406	Mgmt, Patent	Financial Sustainability Monitoring System for Microfinance Institutions	1. Dr. Surindersingh B Sethi 2. Smt. Nivritti James 3. Dr. Nutan Nana Thoke 4. Priti. S. Sawale 5.Dr. P. Sujatha 6.Jamsheer Khan K 7.Dr. Metilda Veronica Pais 8.Prof. A. R. Bochkari 9.Dr. Yogesh Shukla	1. Dr. Surindersingh B Sethi 2. Smt. Nivritti James 3. Dr. Nutan Nana Thoke 4. Priti. S. Sawale 5.Dr. P. Sujatha 6.Jamsheer Khan K 7.Dr. Metilda Veronica Pais 8.Prof. A. R. Bochkari 9.Dr. Yogesh Shukla 10.Thaya Madhavi	13-03-2026		202621030970	Filed

			10.Thaya Madhavi					
407	ECE, Patent	Integrated sensor-based multi-modal platform for early detection and continuous monitoring of autism	1)Dr.G.Sowmya 2)Shaik Mallika 3)Dr P Ajay Kumar Reddy 4)Dasamandam Venkata Supriya 5)G.Ayesha Farheen 6)Dr.Nimmagadda Padmaja 7)Dr. Abhishek Bajpai 8)Dr Udayabhaskar Pattapu 9)S Jayalakshmi 10)Kanike Sharan Kumar 11)M.Vasudeva Reddy 12)Rachapalle Tharun Reddy	1)Dr.G.Sowmya 2)Shaik Mallika 3)Dr P Ajay Kumar Reddy 4)Dasamandam Venkata Supriya 5)G.Ayesha Farheen 6)Dr.Nimmagadda Padmaja 7)Dr. Abhishek Bajpai 8)Dr Udayabhaskar Pattapu 9)S Jayalakshmi 10)Kanike Sharan Kumar 11)M.Vasudeva Reddy 12)Rachapalle Tharun Reddy	19-01-2026	13-03-2026	202641005016	Filed And Published, Awaiting Request for Examination
408	LAS, Patent	Development of Sustainable Biodegradable Foam Packaging Material Using Corn Husk and Cassava Biomass	1. Dr. S. Muthulingam 2.Dr. K. Raja 3.Ms. K.P.Greeshma	Mohan Babu University (Erstwhile Sree Vidyaniethan Engineering College)	26-03-2026	10-04-2026	202641036799 (CBR. No-24887)	Filed And Published, Awaiting Request for Examination

409	ECE, Patent	A Multi-Sensor IoT-Based System for Real-Time Monitoring and Early Detection of Natural Disasters	1. Ms. M. Sukrutha 2.Ms. M. Pujitha 3.Mr. M. Ganesh Reddy 4.Mr. N. Venkata Vignesh 5.Mr. K. Sai Kumar 6.Dr. Satish Addanki	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-03-2026	10-04-2026	202641036798 (CBR. No-24887)	Filed And Published, Awaiting Request for Examination
410	ECE, Patent	Predicting Cardiovascular Risk Through Retinal Imaging	1. Dr. Ata Kishore Kumar 2.Ms. Majjari Suguna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-03-2026	10-04-2026	202641036795 (CBR. No-24883)	Filed And Published, Awaiting Request for Examination
411	Pharmacy, Patent	Preparation and Evaluation of Galipine Loaded Plga Nanoparticles and their Anticancer Activity	1.Dr.P.Dharani Prasad 2.Dr.M.Mayuri	Mohan Babu University (Erstwhile Sree Vidyanikethan College of Pharmacy)	26-03-2026	10-04-2026	202641036800 (CBR. No-24887)	Filed And Published, Awaiting Request for Examination
412	EEE, Patent	A Dual Active Bridge-Based Bidirectional Power Conversion System for Efficient Electric Vehicle Charging Station Integration	1. Dr. V. Nandagopal 2. Ms. Chithuluri Anusha 3.Ms. Nellore Pavani 4.Ms. Bodireddygarai Sai Darsini 5.Ms. B Likitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	26-03-2026	10-04-2026	202641036794 (CBR. No-24883)	Filed And Published, Awaiting Request for Examination
413	Pharmacy, Patent	Formulation and Evaluation of Mebeverine Hydrochloride Gel	1. Dr. D. Lakshman Kumar 2.Ms. P.Amitha 3.Ms. K.Keerthi 4.Ms. R.Ruhinz 5.Mr. A.Jayanth 6.Mr. V.Prabash	Mohan Babu University (Erstwhile Sree Vidyanikethan College of Pharmacy)	01-04-2026	10-04-2026	202641041608 (CBR. No-27072)	Filed And Published, Awaiting Request for Examination

414	ECE, Patent	Automated Road Damage Detection Framework using Deep Learning Object Detection Models.	1. Mr. M. Venkata Naresh 2.Ms. V. Poojitha 3.Mr. S. Khaja Moinuddin 4.Mr. V. Leela Neeraj 5.Mr. Y. Sai Dexit Venkata Krishna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	01-04-2026	10-04-2026	202641041606 (CBR. No-27072)	Filed And Published, Awaiting Request for Examination
415	ECE, Patent	AI-Integrated IoT-Based Wearable Multi-Parameter Health Monitoring and Emergency Alert System	1. Dr. A. Balamaniandan 2.Mr. T Murali Karthik 3.Mr. Natuva Thushar 4.Mr. Atte Vinod Kumar 5.Mr. Shaik Mastan Valli	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	01-04-2026		202641041607 (CBR. No-27072)	Filed
416	CSE-DS, Patent	Smart Assistive Walking Stick with Obstacle Detection and Navigation Support for the Blind using Dog Repellent	1. Ms.Ch.Prathima 2.Ms.A.V.Paneendra 3.Ms.M.Rishitha Sree 4.Ms.K.Haritha Reddy 5.Mr.T.Pavan Kumar Reddy 6.Mr.Ch.Dinesh Simha Sai	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Ms. Ch. Prathima	01-04-2026		202641041770 (CBR. No-27184)	Filed
417	ECE, Patent	Intelligent Animal Intrusion Detection and Recognition System Using Image Processing and Convolutional Neural Networks	1. Dr. N. Padmaja 2. Dr.K.Maheswari 3.Dr. Sowmya Gali 4.Dr. Choda Durga V Subba Rao	1.Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College) 2. Dr.N Padmaja	01-04-2026		202641041769 (CBR. No-27184)	Filed

418	CSE-DS, Patent	Blockchain-Integrated Food Traceability System Using Internet of Things	1. Dr. Konduri Srinivasa Raghupraveen 2.Mr. Medupally Dileep Reddy 3.Ms. Vardhamsetty Thejaswini 4.Ms. Kondarapu Sai Greeshma 5.Ms. Datla Anuradha 6.Mr. Gangireddy Sasi Kumar Reddy	Mohan Babu University (Erstwhile Sree Vidyannikethan Engineering College)	07-04-2026	17-04-2026	202641044170 (CBR. No-28867)	Filed And Published, Awaiting Request for Examination
419	CSE-DS, Patent	A Novel approach for Arduino-Powered IoT solution for Underground Cable Fault Localization	1.Ms.Ch. Prathima 2.Mr. Arramachetty Umesh 3.Mr. Komma Parameswar Reddy 4.Ms. Dabbara Kavya 5.Mr. Maravapalli Sohith Reddy 6.Mr. Alvakonda Venkata Paneendra	1.Mohan Babu University (Erstwhile Sree Vidyannikethan Engineering College) 2. Ms. Ch. Prathima	07-04-2026	17-04-2026	202641044169 (CBR. No-28867)	Filed And Published, Awaiting Request for Examination
420	BCA, Patent	Rice Leaf Disease Detection By Using Deep Learning	1. Dr. P. Baby Maruthi 2.Ms. DKS. Vijaya Lakshmi 3.Ms. Burujula Indu 4.Ms. Lavani Ayesha Thasmiya 5.Ms. Bathala Shiva Thulasi	Mohan Babu University (Erstwhile Sree Vidyannikethan Engineering College)	07-04-2026	17-04-2026	202641044171 (CBR. No-28867)	Filed And Published, Awaiting Request for Examination

421	EEE, Patent	A New Fault Tolerant Multilevel Inverter for Electric Vehicle Applications	1. Dr. Busireddy Hemanth Kumar 2.Mr. C. Chaithanya 3.Mr. K Munisai 4.Mr. P Joel 5.Mr. N Dheemanth Reddy 6.Mr. T. Sai Krishna Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-04-2026		202641047982 (CBR. No-31657)	Filed
422	Pharmacy, Patent	Synthesis of High Yield Carbon Quantum Dot's from Biowaste for Cancer Diagnosis	1. Dr. S. Varalaxmi 2.Ms. D. Deepthi	Mohan Babu University (Erstwhile Sree Vidyanikethan College of Pharmacy)	15-04-2026		202641047981 (CBR. No-31657)	Filed
423	ECE, Patent	Disease Detection of Plant Leaves using K-Means Clustering and CNN Algorithms	1.Dr. K. S. Chakradhar 2.Mr. Naramoyani Munikrishna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-04-2026		202641048050 (CBR. No-31700)	Filed
424	EEE, Patent	Quantum-Based Contingency Analysis Framework for Power System Security Using Big Data and Distribution Factor Modeling	1. Ms. Golla Reshma 2.Dr. Suresh Babu Daram 3.Mr. J. Yashwanth 4.Ms. D. Harini 5.Mr. B. Vignesh 6.Mr. A. Sai Krishna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-04-2026		202641048051 (CBR. No-31700)	Filed
425	Paramedical, Patent	Exercise-Based Therapeutic System Using Structured Circuit Training to Regulate Menstrual Irregularities and Reduce Menstrual Distress	1. Ms.Patibandla Snophi Evangel 2. Dr. Jagatheesan Alagesan 3.Dr. Marthala Praveen Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-04-2026		202641048052 (CBR. No-31700)	Filed

426	Pharmacy, Patent	Studies on Preformulation characteristics and Production of Pazopanib Nanoparticles	1. Mrs. M. Keerthi 2.Dr. Shanmugham Vippamakula	Mohan Babu University (Erstwhile Sree Vidyanikethan College of Pharmacy)	15-04-2026		202641048049 (CBR. No-31700)	Filed
427	EEE, Patent	AI-Based Adaptive Pulse Generation System for Three-Phase Inverters in Industrial Power Applications	1. Mr. A.Venkata Sai Charan 2.Mr. C.Sai Nitheesh 3.Mr. D.M.Surya Teja 4.Mr. G.Govindharajulu 5.Dr. V Arun 6.Dr.G Ravindra	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-04-2026		202641048948 (CBR. No-32283)	Filed
428	EEE, Patent	Intelligent Neural Network Based System for Accurate Electrical Load Forecasting in Power Systems	1. Dr. M. S. Sujatha 2.Ms. A.Vaishnavi 3.Ms. D.Bhavya Sree 4.Ms. Ganesh Harini 5.Mr. Golla Shanmukha Raghava 6.Mr. Bukke Chanti Naik	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	17-04-2026		202641048947 (CBR. No-32283)	Filed
429	ECE, Patent	Spatiotemporal Urban Heat Island Estimation Using a Hybrid CNN-LSTM Deep Learning Framework with Landsat 8/9 Imagery	1. Mr. M. Venkata Naresh 2.Dr. C. Venkata Sudhakar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21-04-2026		202641050643 (CBR. No-33284)	Filed
430	LAS, Patent	Cinnamomum Cassia Bark Essential Oil-Derived Silver Nanoparticle Composition	1. Dr. S. Muthulingam 2.Dr. J. Dinesh Babu 3.Dr. Shaik Ibrahim Khalivulla 4.Dr. K.P.Greeshma 5.Dr. K. Gnana Priya	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21-04-2026		202641050641 (CBR. No-33284)	Filed

431	Pharmacy, Patent	Method Development and Validation of an RP-HPLC Analytical Method for Simultaneous Estimation of Pharmaceutical Compounds in Dosage Forms	1. Ms.Lakshmi Bhargavi.K 2.Mr.Sai Teja.K 3.Ms.Sandhya.L 4.Dr.N.Udayakumar	Mohan Babu University (Erstwhile Sree Vidyanikethan College of Pharmacy)	21-04-2026		202641050639 (CBR. No-33282)	Filed
432	BCA, Patent	Adaptive Artificial Intelligence System for Real-Time Detection and Prevention of Digital Payment Fraud in Unified Payment Networks	1. Mr. B. Ajith Kumar 2.Ms. B.lakshmi Durga 3.Ms. RK. Baby Janani 4.Ms. V.Sravani 5.Ms. M.Poojitha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21-04-2026		202641050642 (CBR. No-33284)	Filed
433	EEE, Patent	Single-Switch Step-Up DC–DC Converter System for Renewable Energy Power Conversion	1. Mr. Meesala Anil Kumar 2.Mr. Ravada Durga Prasad 3.Mr. Shaik Novmaan 4.Mr. Mohd Abdul Latheef 5.Mr. K. Adi Kesava Reddy 6.Dr. NMG Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	21-04-2026		202641050640 (CBR. No-33282)	Filed
434	MECH, Patent	Hybrid Energy Cooking Engine (HECE) and a method thereof	1. Dr. K.Lakshmi Kala 2.Mr.Penchala Avinash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	23-04-2026		202641051713 (CBR. No-33944)	Filed

435	EEE, Patent	Design & Development Of IWP Controller For Rural Agricultural Farmers	1. Dr. M.S. Sujatha 2.Ms. Akshaya Pillella 3.Mr. Subbareddy Gari Tejith Reddy 4.Mr. Prince Mishra	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	23-04-2026		202641051712 (CBR. No-33944)	Filed
436	Civil, Patent	Eco-Friendly Fiber Reinforced Concrete Using Banana Fiber and Recycled Plastic Waste	1. Dr. G K Arun Vivek 2.Mr. B. Veeranaiaiah 3.Mr. P. Rajasekhar 4.Mr. R. Sishvik 5.Mr. K. Mokshith 6.Ms. N. Viswa Priya	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	23-04-2026		202641051710 (CBR. No-33944)	Filed
437	Pharmacy, Patent	Antibacterial and Antifungal Potential of Aqueous Methanolic Extract of Phyllanthus niruri L.	1. Dr. Janapati Pedda Yanadaiah 2.Mr. Kogira Anil	Mohan Babu University (Erstwhile Sree Vidyanikethan College of Pharmacy)	23-04-2026		202641051711 (CBR. No-33944)	Filed
438	ECE, Patent	Multi-Sensor Vehicle Safety and Monitoring System	1. Dr. N. Sudhakar Reddy 2.Ms. Shaik Karishma 3.Mr. Makam Guru Yogeswar 4.Mr. Maditeti Syed Basha 5.Mr. Bandaru Chiranjeevi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	30-04-2026		202641054951 (CBR. No-36341)	Filed

439	Pharmacy, Patent	Formulation and Evaluation of Papain Based Natural Toothpaste by using Papain Enzyme Powder	1. Dr. Jeyaprakash M.R 2.Mr. P. Vinay 3.Mr. D. Manoj Kumar 4.Ms. K. Sayeesha 5.Ms. K. Sree Lakshmi Eesha 6.Ms. C. Harshitha	Mohan Babu University (Erstwhile Sree Vidyanikethan College of Pharmacy)	30-04-2026		202641054949 (CBR. No-36341)	Filed
440	ECE, Patent	Machine Learning-Based Automotive Wear Detection Using Acoustic Emission Signals	1. Prof. P. Venkata Ramana 2.Mr. M. Somappa 3.Mr. S.Prakash Reddy 4.Mr. N.Narendra 5.Ms. P.Sri Guru Lasya	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	30-04-2026		202641054950 (CBR. No-36341)	Filed
441	CSE-AI/ML, Patent	NeuroEdge: Intelligent Real-Time Brain State Interpretation and Environment Adaptation System	1. Dr. Kavitha Kothandasamy 2.Mr. Vinay Ravuri 3.Mr. Srimadhavan Naga Sai Varshith Chitturi	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	29-04-2026		202641054610 (CBR. No-36116)	Filed
442	Civil, Patent	Sustainable Self-Compacting Concrete Incorporating Pet Fibers and Fly Ash For Enhanced Strength and Durability	1. Mr. D. V. Purushotham 2.Ms. Palempalle Anitha 3.Mr. Shaik. Mahaboob Basha 4.Mr. Kondepalli Venkatesh 5.Ms. Patan Thasmiya 6. Mr. Ramavath Hemanth Naik	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	29-04-2026		202641054609 (CBR. No-36116)	Filed

443	MCA, Patent	Deep Learning Based Automated System for Banana Fruit Quality Detection and Classification	1. Dr. P. Baby Maruthi 2.Mr. Vaka Venkata Jaswanth Reddy	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	29-04-2026		202641054611 (CBR. No-36116)	Filed
Granted Patents								
1	Patent (CSE-DS)	A Hand- Worn Real Time Smart Navigation Device useful for the Blind and Visually challenged People	1. Dr. K.K. Baseer 2. Dr. Abdul Jaleel E 3. Dr. K. Priya 4. Dr. Alavikunhu Panthakkan 5. Dr. Anzar S. M 6. Muhammed Ilyas H 7. Shanid Malayil	Sree Vidyanikethan Engineering College	30-04-2021	07-05-2021	202141019857	Granted 01-08-2023 & Patent No- 442068
2	Patent (CSE)	Intelligent Shopping Assistance And In-Store Navigation Using Aerial Drones	1. Dr.J.Avanija 2. Dr.Gurram Sunitha 3. Dr.K.Reddy Madhavi 4. Dr.Naresh Babu Muppalaneni	Sree Vidyanikethan Engineering College	24-11-2018	30-11-2018	201841044312	Granted 09-02-2024 & Patent No- 508899
3	Patent (CSE-DS)	A Smart Wearable Travel Support System for Supervising Visually Impaired People	1. Dr.P. Bhasha 2. Dr.V. Jyothsna 3. Ms. E Sandhya 4. Ms. C Silpa 5. Mr. P Srinivasa Reddi 6. Ms. C Prathima	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	20-02-2021	26-02-2021	202141007324	Granted 15-05-2024 & Patent No- 538048

4	Patent (CSE-DS)	Internet of Things (IoT) enabled automatic detection and remote monitoring the overload of the vehicle	1. N. Vikram 2.Dr. Kamalapuram Khaja Baseer 3.Dr. A. Rama Mohana Reddy 4.Dr. C. Sushama 5.Dr. M. Jahir Basha	Sree Vidyanikethan Engineering College	22-05-2019	07-06-2019	201941020225	Granted 29-04-2025 & Patent No- 565708
5	Patent (CSE-DS)	A Machine Learning-based Hybrid Intrusion Detection System for Detecting the Cyber-Physical Attacks	1. Dr. V. Jyothsna 2.Ms. E. Sandhya 3.Ms. C. Silpa 4.Ms. Ch. Prathima 5.Mr. G. M. Chanakya 6.Mr. P. Bhasha 7.Mr. Ch. Sreenu Babu	Sree Vidyanikethan Engineering College	23-05-2022	17-06-2022	202241029619	Granted 28-04-2025 Patent No: 565657
6	Patent (CSE-DS)	Contactless Selfie Ticket Payment System	1.Dr. K. Ramani 2.Dr. K. K. Baseer	Sree Vidyanikethan Engineering College	01-05-2018	11-05-2018	201841016409	Granted 30-05-2025 Patent No: 566980
7	Patent (EEE)	A Diffused Solar Reflector for use with Solar Tunnel Dryer	1. Kola Leleedhar Rao 2. Devaraju Thangellamudi	Sree Vidyanikethan Engineering College	13-08-2021	03-09-2021	202141036651	Granted 17-03-2026 & Patent No- 583607
8	Patent (CSSE)	A Smart Wearable Jacket with Heating and Cooling for Tracking Health and Fitness	1. Mr. P. Parjanya Reddy 2. Mr. M. Ramu 3. Mr. P. Yogendra Prasad 4. Mr. S. Siva Prakash	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	15-12-2022	30-12-2022	202241072730	Granted 30-03-2026 & Patent No- 585739

Designs								
1	Design (EIE)	Portable dry handwashing machine	1. M.S. Ravi Teja 2. Dr. Naveen Kilari 3. Dr. KVNVN Rao 4. N. P. Dharani	1. M.S. Ravi Teja 2. Dr. Naveen Kilari 3. Dr. KVNVN Rao 4. N. P. Dharani	06-02-2022		365286-001	Filed
2	Design (EIE)	Garbage Disposal Machine	1. Dr. Naveen Kilari 2. M.S. Ravi Teja 3. N. P. Dharani 4. Dr. KVNVN Rao	1. Dr. Naveen Kilari 2. M.S. Ravi Teja 3. N. P. Dharani 4. Dr. KVNVN Rao	06-02-2022		365285-001	Filed
3	Design (ME)	Experimental Setup for Oblique Pullout test On Geosynthetic Reinforced earth Structures	1. Eswara Reddy O 2. Buragadda Venkatesh 3. Ms. G. Gnana Prasanna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	12-02-2022		375463-001 (CBR No: 209633)	Granted Design-Journal No: 31/2024
4	Design (ECE)	AI based BP monitoring device using EKG Technology	1. Sree Vidyanikethan Engineering College 2. Dr. K.S.Chakradhar 3. Dr. T.V.S Gowtham Prasad 4. Dr. D Leela Rani	1. Sree Vidyanikethan Engineering College 2. Dr. K.S.Chakradhar 3. Dr. T.V.S Gowtham Prasad 4. Dr. D Leela Rani	28-03-2022		361405-001	Filed

5	Design (CSE)	IOT enabled GPS Car Device	1.Sree Vidyanikethan Engineering College 2.Dr.Ganesh Davanam 3.Dr.B.Vishnu Vardhana Naidu 4.Dr.Balaji.K 5.Dr. M.Sunil Kumar	1.Sree Vidyanikethan Engineering College 2.Dr.Ganesh Davanam 3.Dr.B.Vishnu Vardhana Naidu 4.Dr.Balaji.K 5.Dr. M.Sunil Kumar	24-04-2022		363033-001	Filed
6	Design (EEE)	Biometric Authentication Device	1.Dr. G Hari Krishnan 2.Dr. NMG Kumar 3.Dr. I Kumara Swamy 4.Dt. T. Senthil Kumar 5. Sree Vidyanikethan Engineering college	1.Dr. G Hari Krishnan 2.Dr. NMG Kumar 3.Dr. I Kumara Swamy 4.Dt. T. Senthil Kumar 5. Sree Vidyanikethan Engineering college	06-05-2022		365450-001	Design Accepted and Published, Journal No is 10/2023 and Journal Date is 10/03/2023
7	Design (CSE)	An Automated Car Cleaning Device	1. Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College) 2.Dr.K.Reddy Madhavi 3.Samantha Elizabeth Dimal 4.Dr. Gurram Sunitha 5.Dr.J.Avanija 6.B.Viswaksena	1. Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College) 2.Dr.K.Reddy Madhavi 3.Samantha Elizabeth Dimal 4.Dr. Gurram Sunitha 5.Dr.J.Avanija 6.B.Viswaksena	17-10-2022		372679-001 (CBR No. 207321)	Examination Report has been Generated, Case is Waiting for Examination Report Reply (FER generated on 30/12/2022)

8	Design (ME)	Variable Diameter Work Holding Fixture	1. Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College) 2.Dr.Ramesh Raju 3.Dr. N. Manikandan 4.Dr. P. Thejasree	1. Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College) 2.Dr.Ramesh Raju 3.Dr. N. Manikandan 4.Dr. P. Thejasree	18-10-2022		372737-001 (CBR No. 207372)	Examination Report has been Generated, Case is waiting for Examination Report Reply (FER generated on 23/01/2023)
9	Design (ME)	Confined CBR Punching Strength of Geosynthetics TestApparatus	1. Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College) 2.Dr. Buragadda Venkatesh 3.Dr. Eswara Reddy Orekanti	1. Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College) 2.Dr. Buragadda Venkatesh 3.Dr. Eswara Reddy Orekanti	18-10-2022		372775-001 (CBR No. 207390)	Application under Process (waiting for Technical Examination)
10	Design (CSE)	Seamless Patient Transfer Apparatus	1.Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College) 2.Dr. Gurram Sunitha 3.Swasti Gautam 4.Dr. J. Avanija 5.Dr. K. Reddy Madhavi 6.Mr. B. Viswaksena	1.Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College) 2.Dr. Gurram Sunitha 3.Swasti Gautam 4.Dr. J. Avanija 5.Dr. K. Reddy Madhavi 6.Mr. B. Viswaksena	14-12-2022		375572-001 (CBR No. 209753)	Filed

11	Design (Pharmacy)	Device for 3D Printing Capsule	1. Dr. Sachinkumar Dnyaneshwar Gunjal 2.Dr. G. Dharmamoorthy 3.Ramu Samineni 4. Jayanka Basak 5.Mayur Sharma 6.Ms. Linda Xavier 7.Dr. Nihar Ranjan Kar	1. Dr. Sachinkumar Dnyaneshwar Gunjal 2.Dr. G. Dharmamoorthy 3.Ramu Samineni 4. Jayanka Basak 5.Mayur Sharma 6.Ms. Linda Xavier 7.Dr. Nihar Ranjan Kar	09-02-2023		378963-001	Design Accepted and Published, Journal No is 02/2024 and Journal Date is 12/01/2024
12	Design (Pharmacy)		1. Professor Ajay Prakash Pasupulla 2.Dr. M. Sivakumar 3.Deepali Virmani 4.Dr. G. Dharmamoorthy 5.Mr. Ramu Samineni	1. Professor Ajay Prakash Pasupulla 2.Dr. M. Sivakumar 3.Deepali Virmani 4.Dr. G. Dharmamoorthy 5.Mr. Ramu Samineni	11-02-2023		379142-001 (CBR. No-201960)	Examination Report has been Generated ,Case is Waiting for Examination Report Reply (FER generated on 31/03/2023)
13	UK-Design (CSE)	Portable Handheld X-Ray	1.Dr.C. Sushama 2.Dr. M. Sunil Kumar 3.Dr. Kazi Kulubuddin	1.Dr.C. Sushama 2.Dr. M. Sunil Kumar 3.Dr. Kazi Kulubuddin	24-03-2023	30-03-2023	6271003	Granted Date: 29-03-2023

14	UK Design (Pharmacy)	High performance liquid chromatography apparatus	1. Dr. Ragunathan Muthuswamy 2.Arпита Srivastava 3.Dr. Mahammad Ishaq Beludari 4.Prof. (Dr.) Varsha Deva 5.Vinay Kumar Yanmandru 6.Mr. Vishal Chauhan 7.Mr. Vinod Kumar Kumawat 8.Mr. Mahendra Rajwaniya 9.Mr. Manish Yadav 10.Dr. Gajulapalli Dharmamoorthy	1. Dr. Ragunathan Muthuswamy 2.Arпита Srivastava 3.Dr. Mahammad Ishaq Beludari 4.Prof. (Dr.) Varsha Deva 5.Vinay Kumar Yanmandru 6.Mr. Vishal Chauhan 7.Mr. Vinod Kumar Kumawat 8.Mr. Mahendra Rajwaniya 9.Mr. Manish Yadav 10.Dr. Gajulapalli Dharmamoorthy	20-05-2023		6284491	Granted Date: 01-06-2023

15	UK Design (Pharmacy)	Liquid Chromatography Mass Spectrophotometer	1. Dr. Ragunathan Muthuswamy 2.Prof. (Dr.) Mrunal Krishnarao Shirsat 3.Dr.Maheshkumar Keshavji Senghani 4.Vinay Kumar Yanmandru 5.Prof.Dr.Thammana K V Kesava Rao 6.Ajit Kumar Varma 7.Dr. Gajulapalli Dharmamoorthy 8.Prof. (Dr.) Indrajeet Singhvi 9.Prof. (Dr.) Santosh Rangnathrao Tarke 10.Prof. Avinash Dhobale 11.Mr. Vishal Govindrao Sakhare	1. Dr. Ragunathan Muthuswamy 2.Prof. (Dr.) Mrunal Krishnarao Shirsat 3.Dr.Maheshkumar Keshavji Senghani 4.Vinay Kumar Yanmandru 5.Prof.Dr.Thammana K V Kesava Rao 6.Ajit Kumar Varma 7.Dr. Gajulapalli Dharmamoorthy 8.Prof. (Dr.) Indrajeet Singhvi 9.Prof. (Dr.) Santosh Rangnathrao Tarke 10.Prof. Avinash Dhobale 11.Mr. Vishal Govindrao Sakhare	29-05-2023		6286107	Granted Date: 15-06-2023

16	UK Design (ME)	Solar Powered Seawater Desalination System	1.Dr. Sundararaj Joe Patrick Gnanaraj 2.Dr. Palanisamy Duraishamy 3.Dr. Manikandan Natarajan 4.Dr. Thejasree Pasupuleti 5.Dr. Thirumalaisamy Manikandan 6.Mr. Vimal Chanth Murugan	1.Dr. Sundararaj Joe Patrick Gnanaraj 2.Dr. Palanisamy Duraishamy 3.Dr. Manikandan Natarajan 4.Dr. Thejasree Pasupuleti 5.Dr. Thirumalaisamy Manikandan 6.Mr. Vimal Chanth Murugan	20-11-2023	29-11-2023	6327388	Granted 29-11-2023
17	UK Design (ME)	Solar Powered Agricultural Device	1.Dr. Sundararaj Joe Patrick Gnanaraj 2.Dr. Palanisamy Duraishamy 3.Dr. Manikandan Natarajan 4.Dr. Thejasree Pasupuleti 5.Dr. Thirumalaisamy Manikandan 6.Mr. Vimal Chanth Murugan	1.Dr. Sundararaj Joe Patrick Gnanaraj 2.Dr. Palanisamy Duraishamy 3.Dr. Manikandan Natarajan 4.Dr. Thejasree Pasupuleti 5.Dr. Thirumalaisamy Manikandan 6.Mr. Vimal Chanth Murugan	20-11-2023	29-11-2023	6327392	Granted 29-11-2023

18	UK Design (ME)	USB Powered auto shutdown device for Energy Saving PC	1.Dr. Sundararaj Joe Patrick Gnanaraj 2.Dr. Palanisamy Duraishamy 3.Dr. Manikandan Natarajan 4.Dr. Thejasree Pasupuleti 5.Dr. Thirumalaisamy Manikandan 6.Mr. Vimal Chanth Murugan	1.Dr. Sundararaj Joe Patrick Gnanaraj 2.Dr. Palanisamy Duraishamy 3.Dr. Manikandan Natarajan 4.Dr. Thejasree Pasupuleti 5.Dr. Thirumalaisamy Manikandan 6.Mr. Vimal Chanth Murugan	20-11-2023	29-11-2023	6327391	Granted 29-11-2023
19	UK Design (ME)	Tracking Device for Precise Location Monitoring	1.Dr. Sundararaj Joe Patrick Gnanaraj 2.Dr. Palanisamy Duraishamy 3.Dr. Manikandan Natarajan 4.Dr. Thejasree Pasupuleti 5.Dr. Thirumalaisamy Manikandan 6.Mr. Vimal Chanth Murugan	1.Dr. Sundararaj Joe Patrick Gnanaraj 2.Dr. Palanisamy Duraishamy 3.Dr. Manikandan Natarajan 4.Dr. Thejasree Pasupuleti 5.Dr. Thirumalaisamy Manikandan 6.Mr. Vimal Chanth Murugan	20-11-2023	29-11-2023	6327390	Granted 29-11-2023

20	UK Design (ME)	Sustainable Desalination using Solar Energy	1.Dr. Sundararaj Joe Patrick Gnanaraj 2.Dr. Palanisamy Duraisamy 3.Dr. Manikandan Natarajan 4.Dr. Thejasree Pasupuleti 5.Dr. Thirumalaisamy Manikandan 6.Mr. Vimal Chanth Murugan	1.Dr. Sundararaj Joe Patrick Gnanaraj 2.Dr. Palanisamy Duraisamy 3.Dr. Manikandan Natarajan 4.Dr. Thejasree Pasupuleti 5.Dr. Thirumalaisamy Manikandan 6.Mr. Vimal Chanth Murugan	20-11-2023	29-11-2023	6327389	Granted 29-11-2023
21	Design (Management)	WIFI Projector	1. Dr. Kiran G M 2.Dr. Vinod Desai 3.Dr.S.S.Shanthakumari 4.Dr.Dinesha H A 5.Mr.Balajishanmugam V 6.Mr.Venkatesan R 7.Dr.L.Kuladeep Kumar 8.Dr.Jayakumar M 9.Dr.Rajesh Kumar K	1. Dr. Kiran G M 2.Dr. Vinod Desai 3.Dr.S.S.Shanthakumari 4.Dr.Dinesha H A 5.Mr.Balajishanmugam V 6.Mr.Venkatesan R 7.Dr.L.Kuladeep Kumar 8.Dr.Jayakumar M 9.Dr.Rajesh Kumar K	16-01-2024	Design Accepted and Published 08-03-2024	404741-001 (CBR. No-200740)	Journal No-10/2024
22	Design (EEE)	Vendors Cart with Solar Powered Mist Spraying System	1. Dr. S Balakrishnan 2. Dr. V Nandagopal 3. Dr. Sudha Arvind 4. Mr. Venkatesh Prasanna B R 5. Dr. S. Vinodh Kumar 6. Prof. Praveen Sen 7. Ms. K. Varalakshmi 8. Dr. Chandra Prakash Lora 9. Ms. Sriganayathri R	1. Dr. S Balakrishnan 2. Dr. V Nandagopal 3. Dr. Sudha Arvind 4. Mr. Venkatesh Prasanna B R 5. Dr. S. Vinodh Kumar 6. Prof. Praveen Sen 7. Ms. K. Varalakshmi 8. Dr. Chandra Prakash Lora 9. Ms. Sriganayathri R	06-02-2024	Design Accepted and Published 05-04-2024	406764-001 (CBR No-201982)	Journal No-14/2024

23	Design (ECE)	Contactless Thermal Scanning System for Security	1. Dr Sudheer Hanumanthakari 2. Mr S S V S S R S Sarma Adithe 3. Mrs N Suvarna Parvathi Lakshmi 4. Mrs Jyothirmmai Kanchanapally 5. Ms S Mallika Mattaparthi 6. .Dr A Yasmine Begum	1. Dr Sudheer Hanumanthakari 2. Mr S S V S S R S Sarma Adithe 3. Mrs N Suvarna Parvathi Lakshmi 4. Mrs Jyothirmmai Kanchanapally 5. Ms S Mallika Mattaparthi 6. .Dr A Yasmine Begum	16-02-2024	Design Accepted and Published 26-04-2024	407736-001 (CBR No- 02532)	Journal No- 17/2024
24	Design (ECE)	An AI Based BP Monitoring Device Using EKG Technology	1. Dr. K. S. Chakradhar 2.T. V.S. Gowtham Prasad 3.Dr. D. Leela Rani	1. Dr. K. S. Chakradhar 2.T. V.S. Gowtham Prasad 3.Dr. D. Leela Rani	13-03-2024	Design Accepted and Published 17-05-2024	410452-001 (CBR.No- 204218)	Journal No- 20/2024
25	Design (CSE-AI & ML)	Coconut Harvesting Device	1. Dr Avanija 2. Mr. B Viswaksena 3. Dr K Reddy Madhavi 4. Dr Gurram Sunitha 5. Dr. K Srujan Raju 6. Samantha Elizabeth Dimal	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-05-2024		416056-001	Examination Report has been Generated ,Case is Waiting for Examination Report Reply (FER generated on 12/06/2024)

26	Design (CE)	Experimental setup for Pullout Test on Grannular Anchors (GPA)	1. Dr Eswar Reddy Orekanti 2. Dr. Buragadda Venkatesh 3. Ms. Gnana Prasanna	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-05-2024		416067-001	Examination Report has been Generated ,Case is Waiting for Examination Report Reply (FER generated on 28/06/2024)
27	Design (CE)	Compatible Filament Guide with Gripper for Direct Drive 3d Printer	1. MOHAN BABU UNIVERSITY (ERSTWHILE SREE VIDYANIKETHAN ENGINEERING COLLEGE) 2. Mr. SAI MOKSHITH SAKE 3. Dr. RAMESH RAJU 4. Dr. N. MANIKANDAN	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-05-2024		416075-001	Examination Report has been Generated ,Case is Waiting for Examination Report Reply (FER generated on 08/07/2024)

28	Design (Pharmacy)	Portable Medical Device For Estimation Of Duodenal Ulcer	1. Anandhi Balasubramanian 2.Dr. Navakanth Raju Ramayanam 3. Dr Mithilesh Dwivedee 4. Shivam Srivastava 5.Satish Kumar Pradhan 6.Danish khan 7.Dr. Manchineni Prasada Rao 8.Ruchika Bagga 9. Dr Sanjesh Kumar Gotam Rathi 10.Dr. Anupama Singh	1. Anandhi Balasubramanian 2.Dr. Navakanth Raju Ramayanam 3. Dr Mithilesh Dwivedee 4. Shivam Srivastava 5.Satish Kumar Pradhan 6.Danish khan 7.Dr. Manchineni Prasada Rao 8.Ruchika Bagga 9. Dr Sanjesh Kumar Gotam Rathi 10.Dr. Anupama Singh	13-05-2024	Design Accepted and Published 12-07-2024	416632-001 (CBR.NO- 208090)	Journal No- 28/2024
29	Design (Nursing)	Smartwatch for Blood Pressure Control	1. Prof. (Dr.) Virendra Singh Choudhary 2.Prof. (Dr.) Anjana Williams 3.Prof. Mahizh Punitha Isaiah 4.Yachana Parashar 5.Ms. Rebecca Priti 6.Madhuri Singh 7.Prof. Dineshwori Chanu Paonam 8.Dr. Prathima Prakasam 9.Mr. Satish Nagkumar Salvi 10.Mr. Vishal Krishnaji Ghorpade	1. Prof. (Dr.) Virendra Singh Choudhary 2.Prof. (Dr.) Anjana Williams 3.Prof. Mahizh Punitha Isaiah 4.Yachana Parashar 5.Ms. Rebecca Priti 6.Madhuri Singh 7.Prof. Dineshwori Chanu Paonam 8.Dr. Prathima Prakasam 9.Mr. Satish Nagkumar Salvi 10.Mr. Vishal Krishnaji Ghorpade	21-05-2024	Design Accepted and Published 02-08-2024	417487-001 (CBR. No- 208665)	Journal No- 31/2024

30	UK Design (CSE-DS)	Device For Electricity Generation From Wastewater Treatment	1. Dr.Cheekati Bindu Madhuri 2. Dr.Ravva Gurunadha 3. Dr.Gottapu Appala Naidu 4. Mr.China Raju Manda 5.Ms.Chilukuri Prathima 6.Mr.Pynam Venkateswarlu	1. Dr.Cheekati Bindu Madhuri 2. Dr.Ravva Gurunadha 3. Dr.Gottapu Appala Naidu 4. Mr.China Raju Manda 5.Ms.Chilukuri Prathima 6.Mr.Pynam Venkateswarlu	04-06-2024		6369888	Granted 12-06-2024
31	Design (ME)	Plant Extract Analysing Device To Identify Disease	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	11-06-2024	Filed & Published 14-11-2024	6402876	Granted 13-11-2024
32	UK Design (ME)	Solar Powered Charging Station For Electric Vehicles	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	11-06-2024	Filed & Published 14-11-2024	6402885	Granted 13-11-2024

33	UK Design (ME)	Renewable Power System Optimizer	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	11-06-2024	Filed & Published 14-11-2024	6402884	Granted 13-11-2024
34	UK Design (ME)	Plant Growth and Health Assessment Device	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	11-06-2024	Filed & Published 14-11-2024	6402883	Granted 13-11-2024

35	UK Design (ME)	Portable Soil Quality Analyzer	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	11-06-2024	Filed & Published 14-11-2024	6402882	Granted 13-11-2024
36	UK Design (ME)	Battery-Powered Golf Buggy	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	11-06-2024	Filed & Published 14-11-2024	6402881	Granted 13-11-2024

37	UK Design (ME)	AI-Powered Drone For Real-Time Plant Monitoring	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	11-06-2024	Filed & Published 14-11-2024	6402880	Granted 13-11-2024
38	UK Design (ME)	Foldable E-Scooter	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	11-06-2024	Filed & Published 14-11-2024	6402879	Granted 13-11-2024

39	UK Design (ME)	AI-Driven Agricultural Robot For Precision Seed Dispensing	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	11-06-2024	Filed & Published 14-11-2024	6402878	Granted 13-11-2024
40	UK Design (ME)	AI-Powered Autonomous Solar Vehicle	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	1. Dr. Manikandan Natarajan 2.Dr. Joe Patrick Gnanaraj Sundararaj 3.Dr. Thejasree Pasupuleti 4.. Dr. Prakash Putta 5.Dr. Krupakaran Radhakrishnan Lawrence 6.Mrs. Kiruthika Jothi	11-06-2024	Filed & Published 14-11-2024	6402877	Granted 13-11-2024

41	UK Design (EEE)	Boiler with Hybrid Power System	1. Dr. Ravichand Mandalapu 2. Dr. Vivek Chamoli 3. Lehel Denes- Fazakas 4. Mr. Prashant prakash Badgujar 5. Dr. Sudhangshu Chakraborty 6. Mr. Rahul Suresh Badgujar 7. Dr. Kirubandan Shanmugam 8. Mr. Prashant Vijay Patait 9. Dr. Vinay Chandra Jhe 10. Dr. Suresh babu Daram	1. Dr. Ravichand Mandalapu 2. Dr. Vivek Chamoli 3. Lehel Denes- Fazakas 4. Mr. Prashant prakash Badgujar 5. Dr. Sudhangshu Chakraborty 6. Mr. Rahul Suresh Badgujar 7. Dr. Kirubandan Shanmugam 8. Mr. Prashant Vijay Patait 9. Dr. Vinay Chandra Jhe 10. Dr. Suresh babu Daram	15-06-2024	Filed/Publis hed 25-06-2024	6372287	Granted 24-06-2024
42	Design (ECE)	Device for Testing integrated Circuits	1. Dr. M. Mehaboob Basha 2. Dr. P. Lachi Reddy 3. Dr. S. Vijayakumar 4. Dr. Srinivasulu Gundala 5. Dr. V. Madhurima 6. Ms. M. Bharathi 7. G. Sandhya Kumari	1. Dr. M. Mehaboob Basha 2. Dr. P. Lachi Reddy 3. Dr. S. Vijayakumar 4. Dr. Srinivasulu Gundala 5. Dr. V. Madhurima 6. Ms. M. Bharathi 7. G. Sandhya Kumari	25-06-2024	Design Accepted and Published 26-07-2024	421143-001 (CBR. No- 211065)	Journal No- 30/2024

43	Design (Nursing)	Adjustable Intravenous Stand	1. Dr. Senthil. T 2. Dr. Deepkant Chaturvedi 3. Dr. Prathima Prakasam 4. Ms. Monika Sharma 5. Dr. K. Nivethitha 6. Ms. N. Sasi 7. Ms. Bibha Kumari 8. Dr. I. Saradha 9. Dr. Lekha Bist	1. Dr. Senthil. T 2. Dr. Deepkant Chaturvedi 3. Dr. Prathima Prakasam 4. Ms. Monika Sharma 5. Dr. K. Nivethitha 6. Ms. N. Sasi 7. Ms. Bibha Kumari 8. Dr. I. Saradha 9. Dr. Lekha Bist	25-07-2024		424555-001 (CBR. No- 213115)	Examination Report has been Generated ,Case is Waiting for Examination Report Reply (FER generated on 30/09/2024
44	Design (ME)		1. Dr. R. Meenakshi Reddy 2. Dr. T. Hari Prasad 3. K. Jayasimha Reddy 4. Dr. G. Shankaraiah 5. Dr. B. Madhusudhan Reddy 6. G. Venkatesh 7. M. Murali Mohan 8. G. Praveen Kumar Yadav	1. Dr. R. Meenakshi Reddy 2. Dr. T. Hari Prasad 3. K. Jayasimha Reddy 4. Dr. G. Shankaraiah 5. Dr. B. Madhusudhan Reddy 6. G. Venkatesh 7. M. Murali Mohan 8. G. Praveen Kumar Yadav	25-09-2024		431544-001 (CBR. No- 217470)	Design Accepted and Published, Journal No is 12/2025 and Journal Date is 21/03/2025

45	UK Design (CSE-AI & ML)	Smart Voice Assisted Computer Device for Visually Impaired Students	1.Dr. Rajamoorthy Saravanamoorthy 2.Mrs. Karthika Gopal Kamalakannan 3.Mrs.Suganya Selvam 4.Dr. Karthik Sekar 5.Dr. Kavitha Kothandasamy 6.Mrs.Vinitha Arthanareeswara Moorthi 7.Dr. Lalitha Ponnappan 8.Mr. Maria Mahajan Thomas 9.Dr. Karthikeyan Balan 10.Ms. Surya Sugumar	1.Dr. Rajamoorthy Saravanamoorthy 2.Mrs. Karthika Gopal Kamalakannan 3.Mrs.Suganya Selvam 4.Dr. Karthik Sekar 5.Dr. Kavitha Kothandasamy 6.Mrs.Vinitha Arthanareeswara Moorthi 7.Dr. Lalitha Ponnappan 8.Mr. Maria Mahajan Thomas 9.Dr. Karthikeyan Balan 10.Ms. Surya Sugumar	Registration Date 11-10-2024		6396815	Granted 18-10-2024
46	UK Design (ECE)	AI Based Device For Detection Of Neurological Disorders	1.Dr Shafqat Alauddin 2.Venkateswarlu Sunkari 3.Dr. Kunchanapalli Rama Krishna 4.Sultan Ahmad 5.Dr. Amitansu Pattanaik 6.Mr. Purushothaman Devarajulu 7.Aradhana Behura 8.Dr Karnam Serkadu Chakradhar 9.Prof. Prasun Chakrabarti	1.Dr Shafqat Alauddin 2.Venkateswarlu Sunkari 3.Dr. Kunchanapalli Rama Krishna 4.Sultan Ahmad 5.Dr. Amitansu Pattanaik 6.Mr. Purushothaman Devarajulu 7.Aradhana Behura 8.Dr Karnam Serkadu Chakradhar 9.Prof. Prasun Chakrabarti	Registration Date 20-11-2024	Publication Date: 01-12-2024	6406002	Granted 30-11-2024

47	UK Design (CSE-AI & ML)	Wearable ECG Monitoring Device with Bluetooth Connectivity	1. Dr. Kadiri Padmaja 2.Dr. Yogesh Misra 3.Dr. Siripurapu Sridhar 4.Dr. Bokka Sridhar 5.Dr. Venkumahanti Ashok Kumar 6.Mrs. Guntupalli Tejaswini 7.Dr. Ramayanam Suresh 8.Mrs. Sura Aswini 9.Dr. Jami Venkata Suman	1. Dr. Kadiri Padmaja 2.Dr. Yogesh Misra 3.Dr. Siripurapu Sridhar 4.Dr. Bokka Sridhar 5.Dr. Venkumahanti Ashok Kumar 6.Mrs. Guntupalli Tejaswini 7.Dr. Ramayanam Suresh 8.Mrs. Sura Aswini 9.Dr. Jami Venkata Suman	Registration Date 01-12-2024		6408633	Granted 08-12-2024
48	Design (ECE)	Vision assisted device for Fabric Defect Detection	Dr. T V V Satyanarayana	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	13-03-2025		451394-001 (CBR. No- 205368)	Filed
49	Design (Management)	Smart Business Marketing Performance Analysis Device	1.Dr. Arun Kumar Tarofder 2.Ashwini Choudary 3. Sweety Thakkar 4.Dr. Neerja Dixit 5.Dr. Ruta Barbadekar 6.Dr. B. Ujwala	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	22-04-2025		456184-001 (CBr. No- 208542)	Filed

50	Agriculture, Design	Portable Hygienic Food Packaging Machine	1.Dr. Abhishek Giri 2. Dr. Amit Arun Kulthe 3.Dr Sudharani N 4. Dr. Gorla Gayathri 5.Dr. Meera Kumari 6.Dr. Anwar Hussain 7.Dr. Maninder Singh 8.Dr. Pratibha Mahawar 9.Dr. Chitra Sonkar 10.Dr.Nitin Sonkar	1.Dr. Abhishek Giri 2. Dr. Amit Arun Kulthe 3.Dr Sudharani N 4. Dr. Gorla Gayathri 5.Dr. Meera Kumari 6.Dr. Anwar Hussain 7.Dr. Maninder Singh 8.Dr. Pratibha Mahawar 9.Dr. Chitra Sonkar 10.Dr.Nitin Sonkar	12-06-2025		461995-001 (CBr. No-212433)	Design Accepted and Published, Journal No is 40/2025 and Journal Date is 03/10/2025
51	Agriculture, Design	DNA Marker-Based IoT System For Identification of Disease Resistance Genes in Crop Improvement Programs.	1. Dr. Jitendra Nath Srivastava 2. Dr.Hemalatha Palanivel 3. Shrikrishna Balaso Narale 4. Mr. Vaibhav Parmeshwar Gulwane 5. Manoj Kumar 6. Prakhar Singla 7. Dr. P.Priyadharshini8. Dr.Rajeshkumar Kishorkumar Panchal 9. Renish G Roy 10. Rubal Kamboj	1. Dr. Jitendra Nath Srivastava 2. Dr.Hemalatha Palanivel 3. Shrikrishna Balaso Narale 4. Mr. Vaibhav Parmeshwar Gulwane 5. Manoj Kumar 6. Prakhar Singla 7. Dr. P.Priyadharshini8. Dr.Rajeshkumar Kishorkumar Panchal 9. Renish G Roy 10. Rubal Kamboj	08-10-2025		476089-001 (CBR. No-222216)	Application Under Process(awa iting for Technical Examination)
52	Agriculture, Design	Insect Trapping Smart Tower	1. Dr. Anoorag Rajnikant Tayde 2. Dr. Simly Das 3. Dr. Pasam Maheswara Reddy	1. Dr. Anoorag Rajnikant Tayde 2. Dr. Simly Das 3. Dr. Pasam Maheswara Reddy	30-05-2025		460783-001 (CBR. No-211596)	Design Accepted and Published, Journal No

			4. Dr. Vivek Kumar 5. Dr. Arvind Kumar Ishar 6. Dr. Prem Shanker 7. Dr. Nongmaithem Johnson Singh 8. Khaidem Maipak Singh 9. Dr. Susmita Dey 10. Pratiksha Dnyanoba Biradar	4. Dr. Vivek Kumar 5. Dr. Arvind Kumar Ishar 6. Dr. Prem Shanker 7. Dr. Nongmaithem Johnson Singh 8. Khaidem Maipak Singh 9. Dr. Susmita Dey 10. Pratiksha Dnyanoba Biradar				is 41/2025 and Journal Date is 10/10/2025
53	Agriculture, Design	Autonomous Fruit Harvesting Robot	1. Dr. Sanjay Chaudhary 2. Dr. Siddu Malakannavar 3. Satish 4. Dr. Vinayak Bhausaheb Shinde 5. Deepika Kiro 6. Dr. Pratibha Mahawar 7. Dr. Amit Arun Kulthe 8. Dr.Kuruva Mallikarjuna 9. Amandeep Singh 10. Dr. Lakshya	1. Dr. Sanjay Chaudhary 2. Dr. Siddu Malakannavar 3. Satish 4. Dr. Vinayak Bhausaheb Shinde 5. Deepika Kiro 6. Dr. Pratibha Mahawar 7. Dr. Amit Arun Kulthe 8. Dr.Kuruva Mallikarjuna 9. Amandeep Singh 10. Dr. Lakshya	27-06-2025		463701-001 (CBR. No- 213671)	Design Accepted and Published, Journal No is 36/2025 and Journal Date is 05/09/2025

54	Agriculture, Design	Soil Responsive Seeding Machine	1. Dhananjay Kumar Roy 2. Dr. Umesh Kumar Dhruw 3. Bamon Timung4. Shashidhar K.S 5. Dr. Meera Kumari 6. Dr Asha 7. Dr. Gorla Gayathri 8. Balla Lohitha 9. Swadhin Kumar Swain 10. Nitin Kumar Koumary	1. Dhananjay Kumar Roy 2. Dr. Umesh Kumar Dhruw 3. Bamon Timung4. Shashidhar K.S 5. Dr. Meera Kumari 6. Dr Asha 7. Dr. Gorla Gayathri 8. Balla Lohitha 9. Swadhin Kumar Swain 10. Nitin Kumar Koumary	14-06-2025		462298-001 (CBR. No-212645)	Design Accepted and Published, Journal No is 41/2025 and Journal Date is 10/10/2025
55	ECE, Design	AI Based Walking Stick for Visually Impaired with Alerting Unit	1.Dr. Siripurapu Sridhar 22. Dr. Gudla Sateesh 3.Dr. B. Rama Rao 4.Dr. B. Sridhar 5.Dr. Dasari Nataraj 6.Dr. P. Siva Prasad 7. Dr. K. S Chakradhar 8.Dr. Jayalaxmi Anem 9.Mr. Siyyadula Venkata Rama Vara Prasad 10.Mr. Swaroop Sana	1.Dr. Siripurapu Sridhar 22. Dr. Gudla Sateesh 3.Dr. B. Rama Rao 4.Dr. B. Sridhar 5.Dr. Dasari Nataraj 6.Dr. P. Siva Prasad 7. Dr. K. S Chakradhar 8.Dr. Jayalaxmi Anem 9.Mr. Siyyadula Venkata Rama Vara Prasad 10.Mr. Swaroop Sana	06-08-2025		468624-001	Design Accepted and Published, Journal No is 48/2025 and Journal Date is 28-11-2025

56	SOLAS, Design	Wastewater Treatment IoT Controlled Device	1. Mustafa Eisa Misri 2. Dr. K.K. Sivakumar 3. Dr. Dipanwita Chattopadhyay 4. Peerzada Taoos Ahmad 5. Showkat Ahmad Malik	1. Mustafa Eisa Misri 2. Dr. K.K. Sivakumar 3. Dr. Dipanwita Chattopadhyay 4. Peerzada Taoos Ahmad 5. Showkat Ahmad Malik	27-03-2025	16-07-2025	453272-001	Design Accepted and Published, Journal No is 29/2025 and Journal Date is 18/07/2025
57	SOLAS, Design	Groundwater Quality Analyzing AI Device	1. Mustafa Eisa Misri 2. Dr. K.K. Sivakumar 3. Dr Chandni Kumari 4. Dr. Pramendra Singh Pundir 5. Dr Abhay Pratap Pandey 6. Dr G Madhu Sudan 7. Peerzada Taoos Ahmad 8. Showkat Ahmad Malik	1. Mustafa Eisa Misri 2. Dr. K.K. Sivakumar 3. Dr Chandni Kumari 4. Dr. Pramendra Singh Pundir 5. Dr Abhay Pratap Pandey 6. Dr G Madhu Sudan 7. Peerzada Taoos Ahmad 8. Showkat Ahmad Malik	29-04-2025	13-08-2025	457117-001	Design Accepted and Published, Journal No is 33/2025 and Journal Date is 15/08/2025
58	ECE, Design	Smart Gym Fitness Machine	1. Dr A Kaleemulla 2. Dr. P Sreelatha 3. Ms. Shruthi 4. Dr. B. Sathananth 5. Ms. K. Praveena	1. Dr A Kaleemulla 2. Dr. P Sreelatha 3. Ms. Shruthi 4. Dr. B. Sathananth 5. Ms. K. Praveena	16-08-2025	11-12-2025	469908-001	Design Accepted and Published, Journal No is 50/2025 and Journal Date is 12/12/2025

59	CSE-AIML, Design	AI-Powered Medical Imaging analysis Device using deep learning for early disease detection	1. Dr. Jami Venkata Suman 2. Mr. Omprakash Gurrapu 3. Dr. Padmaja Kadiri 4. Dr. Prabha Shreeraj Nair 5. Mr. M.Ravi Kishore 6. Dr. P. Sobha Rani 7. Dr. Lanka Alekhya 8. Prof. Shaik Khadar Sharif 9. Ms. Guntupalli Tejaswini	1. Dr. Jami Venkata Suman 2. Mr. Omprakash Gurrapu 3. Dr. Padmaja Kadiri 4. Dr. Prabha Shreeraj Nair 5. Mr. M.Ravi Kishore 6. Dr. P. Sobha Rani 7. Dr. Lanka Alekhya 8. Prof. Shaik Khadar Sharif 9. Ms. Guntupalli Tejaswini	27-07-2025	10-12-2025	467503-001	Design Accepted and Published, Journal No is 50/2025 and Journal Date is 12/12/2025
Copyrights								
1	Copyright (CSE)	Smart Detection of Insurance Product Based On Heuristic Search Genetic Algorithms	1. Dr.Kiran sood 2. Dr.Vandana Sharma 3. Dr.B.Balamurugan 4. Dr.Srinivasan Sriramulu 5. Dr.A.Daniel 6. Dr.RAshmi aggarwal 7. Dr.Suresh Kallam	1. Dr.Kiran sood 2. Dr.Vandana Sharma 3. Dr.B.Balamurugan 4. Dr.Srinivasan Sriramulu 5. Dr.A.Daniel 6. Dr.RAshmi aggarwal 7. Dr.Suresh Kallam	23-03-2022	29-06-2022	Dairy No. 116427/2022-CO/L	Registered
2	Copyright (ECE)	Traditional Networks Algorithms	1. Dr. N. Padmaja 2. Dr. V. Vijay Kishore, 3. Dr. T. V. V. Satyanarayana 4. Sree Vidyanikethan Engineering College	1. Dr. N. Padmaja 2. Dr. V. Vijay Kishore, 3. Dr. T. V. V. Satyanarayana 4. Sree Vidyanikethan Engineering College	22-06-2023		Dairy No. 13323/2022-CO/L	Registered

3	Copyright (ECE)	Python model for Electric Vehicle Energy Consumption	1.Dr. S.Rajeshwari 2.Dr.Dharani Mundluru 3.Prof. V. Somashekar 4.Dr. B B Shankar 5.Dr. C. Anil Kumar	1.Dr. S.Rajeshwari 2.Dr.Dharani Mundluru 3.Prof. V. Somashekar 4.Dr. B B Shankar 5.Dr. C. Anil Kumar	17-11-2022		1197802	Registered
4	Copyright (IT)	Multimedia Security for IoT	1..Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College) 2.Dr. K. K. Baseer 3.Mr. L. Abhishek 4.Dr. M. Jahir Pasha and 5.Mr. B. Maria Joseph	1..Mohan Babu University (erstwhile Sree Vidyanikethan Engineering College) 2.Dr. K. K. Baseer 3.Mr. L. Abhishek 4.Dr. M. Jahir Pasha and 5.Mr. B. Maria Joseph	27-06-2023		Diary Number: 16829/2023-CO/L	Registered
5	Copyright (ECE)	Nano Engineering Concepts in Tribology	Dr. P Geetha	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	07-05-2024		Dairy number "14669/2024-CO/L	Registered
6	Copyright (EEE)	IQAC Audit course file Audit	1. Dr.C Ganesh 2. Mr. R. Deepak Suresh Kumar	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-10-2025 (ROC date)	LD-35713/2025-CO	ROC Number: LD-20250175612	Registered
7	Copyright (CSE)	Justice Assist: Guided Cybercrime Reporting and Evidence Builder	1. Mr. Ahad Bagwan 2.Huzaifa Shaik 3.Siddhi Gadge 4. Prof. Sunitha Vani 5.Dr. Nilamadhab Mishra	Mohan Babu University (Erstwhile Sree Vidyanikethan Engineering College)	10-10-2025 (ROC date)	LD-32213/2025-CO	ROC Number: LD-20250175491	Registered

Annexure-16.f

Details of Transfer of Technology - 2021 to 2022

DST-SEEDD Science Technology & Innovation (STI) Hub in Chandragiri Mandal, Chittoor District, AP

The project focuses on transferring need-based technologies to SC/ST communities to enhance their livelihoods. By selecting technologies that are simple, income-generating, and occupation-relevant—such as those for post-harvest processing and livestock management—the project ensures practical benefits for small and marginal farmers. Collaborations with industry partners like Siemens and Dassault support skill development among SC youth. The dissemination is strengthened through regular demonstrations and hands-on training at Common Facility Centres (CFCs), enabling beneficiaries to understand, adopt, and effectively implement the technologies. Principal Investigator - Dr. T. Devaraju, Professor, EEE, MBU

DETAILED LIST OF PARTICIPANTS UNDERGONE TRAINING DURING 2021 To 2022

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
1	EWT	EWT-04-21-01	Ms	Dasari	Latha	F	M.R.Palli
2	EWT	EWT-04-21-02	Mr	Sagili	Akhil kumar	M	Tirupati
3	EWT	EWT-04-21-03	Mr	Dasari	Bharath	M	Tirupati
4	EWT	EWT-04-21-04	Mr	Manyam	Sivaraj	M	Narasingapuram
5	EWT	EWT-04-21-05	Mr	Kudumula	Raghu	M	Narasingapuram
6	EWT	EWT-04-21-06	Mr	Dakkili	Veeraswamy	M	Tirupati
7	EWT	EWT-04-21-07	Mr	Gudisinti	Nandakumar	M	Thondawada
8	EWT	EWT-04-21-08	Mr	S	Tharun	M	Tirupati
9	EWT	EWT-04-21-09	Mr	Panditi	Surya	M	Gandhipuram
10	EWT	EWT-04-21-10	Ms	Kommu	Ashwini	F	Mamanduru
11	EWT	EWT-04-21-11	Ms	Virudala	Tulasamma	F	Mungilipattu
12	EWT	EWT-04-21-12	Ms	Duri	Jyothi	F	Mungilipattu
13	EWT	EWT-04-21-13	Mr	Gundlapalli	Sudheer	M	B.G.Palli
14	EWT	EWT-04-21-14	Mr	G	Rakesh	M	Yellam palli

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
15	EWT	EWT-04-21-15	Ms	Baliji palli	Yamuna	F	B.G.Palli
16	EWT	EWT-04-21-16	Mr	pulichandram	Sai kumar	M	B.G.Palli
17	EWT	EWT-04-21-17	Ms	Thondati	Reshma	F	B.G.Palli
18	EWT	EWT-04-21-18	Ms	Thondati	Suhasini	F	B.G.Palli
19	EWT	EWT-04-21-19	Ms	Dhara	Mounika	F	B.G.Palli
20	EWT	EWT-04-21-20	Ms	Dandolu	Chandrika	F	B.G.Palli
21	EWT	EWT-04-21-21	Ms	Peramala	Bhavya	F	B.G.Palli
22	EWT	EWT-04-21-22	Ms	Avilala	Pavithra	F	B.G.Palli
23	EWT	EWT-04-21-23	Ms	Dhara	Gayathri	F	B.G.Palli
24	EWT	EWT-04-21-24	Ms	Dhara	Kaveri	F	B.G.Palli
25	EWT	EWT-04-21-25	Ms	Dhara	lakshmi prasanna	F	B.G.Palli
26	EWT	EWT-04-21-26	Ms	Bheemavaram	Nagavalli	F	Bheemavaram
27	EWT	EWT-04-21-27	Ms	Gundapalli	Archana	F	B.G.Palli
28	EWT	EWT-04-21-28	Ms	Bheemavaram	Deepa	F	Bheemavaram
29	EWT	EWT-04-21-29	Ms	Bheemavaram	Lavanya	F	Bheemavaram
30	EWT	EWT-04-21-30	Ms	Guluru	Yerramma	F	Kotala
31	EWT	EWT-04-21-31	Ms	Nachukuru	Swarna latha	F	Tirupathi
32	EWT	EWT-04-21-32	Ms	Bheemavaram	Prasanna kumari	F	C.Ramapuram
33	EWT	EWT-04-21-33	Ms	M	Nagini	F	Mamanduru
34	EWT	EWT-04-21-34	Mr	Birapi	Sashidhar	M	Mungilipattu
35	EWT	EWT-04-21-35	Ms	E	Vani	F	Tirupathi
36	EWT	EWT-04-21-36	Ms	Konidala	Hemalatha	F	Tirupathi
37	PHM	PHM-10-21-01	Ms	Miryala	Nandini	F	Somala
38	PHM	PHM-10-21-02	Ms	Bheemavaram	Mounika	F	Bheemavaram
39	PHM	PHM-10-21-03	Ms	Gonugodugu	Deepa	F	Bheemavaram
40	PHM	PHM-10-21-04	Mr	Gonugodugu	Mani	M	Bheemavaram
41	PHM	PHM-10-21-05	Mr	Valluru	Gajendra naidu	M	Bheemavaram
42	PHM	PHM-10-21-06	Ms	Chekuri	venkata ramanaidu	F	Bheemavaram
43	PHM	PHM-10-21-07	Mr	Yenugula	Subba ramanaidu	M	Bheemavaram
44	PHM	PHM-10-21-08	Mr	Yenugula	Chinnamma	M	Bheemavaram
45	PHM	PHM-10-21-09	Mr	Gundlapalli	Nagaraja	M	B.G. Palli
46	PHM	PHM-10-21-10	Ms	Bheemavaram	Parvathi	F	Yellam palli
47	PHM	PHM-10-21-11	Mr	Avilala	Nagaraja	M	B.G. Palli
48	PHM	PHM-10-21-12	Mr	Bheemavaram	Mahendra	M	B.G. Palli

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
49	PHM	PHM-10-21-13	Ms	Gundlapalli	Puja	F	K.V.Palli
50	PHM	PHM-10-21-14	Mr	Gundlapalli	Vinod	M	B.G. Palli
51	PHM	PHM-10-21-15	Ms	Darla	Santhi	F	B.G. Palli
52	PHM	PHM-10-21-16	Mr	Avilala	Devendra	M	B.G. Palli
53	PHM	PHM-10-21-17	Mr	Gundlapalli	Chiranjeevi	M	B.G. Palli
54	PHM	PHM-10-21-18	Mr	Perumala	Subaramanyam	M	B.G. Palli
55	PHM	PHM-10-21-19	Ms	Avilala	Kalpana	F	B.G. Palli
56	PHM	PHM-10-21-20	Ms	Bheemavaram	Nichitha	F	B.G. Palli
57	APT	APT-05-21-01	Mr.	Shaik	Syfuddin	M	Chandragiri
58	APT	APT-05-21-02	Mr.	Kothapati	Puneeth Kumar Reddy	M	Chandragiri
59	APT	APT-05-21-03	Mr.	Manyam	Sivaraj	M	Narsingapuram
60	APT	APT-05-21-04	Mr.	Erapalapati	Pradeep	M	Kotala
61	APT	APT-05-21-05	Mr.	Erapalapati	Tharun	M	Kotala
62	APT	APT-05-21-06	Mr.	Erapalapati	Chandrasekhar	M	Kotala
63	APT	APT-05-21-07	Mr.	Erapalapati	Praveen	M	Kotala
64	APT	APT-05-21-08	Mr.	Gurapu	Manoj	M	Bakarapeta
65	APT	APT-05-21-09	Mr.	Talari	Rama Krishna	M	Bilekallu
66	APT	APT-05-21-10	Mr.	Siddipuvvu	Rahul	M	Kurnool
67	APT	APT-05-21-11	Mr.	Desavath	Hemachandra	M	Kurnool
68	APT	APT-05-21-12	Mr.	Ramavath	Sriram Naik	M	Prakasam
69	APT	APT-05-21-13	Mr.	Annavarapu	Harish	M	Nellore
70	APT	APT-05-21-14	Mr.	Thondati	Gowtham Rao	M	Tirupati
71	APT	APT-05-21-15	Mr.	Gundlapalli	Sasikumar	M	BG Palli
72	APT	APT-05-21-16	Mr.	Erapalapati	Mohan	M	Kotala
73	APT	APT-05-21-17	Mr.	Vangala	Vinay	M	Kotala
74	APT	APT-05-21-18	Mr.	Guluru	Chenchaiah	M	Kotala
75	APT	APT-05-21-19	Mr.	Pulichandram	Saikumar	M	BG Palli
76	APT	APT-05-21-20	Mr.	Gundrathiguppam	Rakesh	M	Bheemavaram
77	APT	APT-05-21-21	Mr.	Gundlapalli	Sudheer	M	BG Palli
78	APT	APT-05-21-22	Mr.	Devarla	Rajasekhar	M	Kotala
79	APT	APT-05-21-23	Mr.	A	Sivarama murthy	M	BG Palli
80	APT	APT-05-21-24	Mr.	Kudumula	Raghu	M	Narasingapuram
81	APT	APT-05-21-25	Mr.	Madiga	Kishore Kumar	M	SC Colony , Palakurty
82	GPU	GPU-06-21-01	Mr	Valugathru	Bhargav	M	Shrividya Mangapuram SC Colony

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
83	GPU	GPU-06-21-02	Mr	Akkala	Siva Kumar	M	ITHEPALLI
84	GPU	GPU-06-21-03	Mr	Vupputuri	Nandiswara Rao	M	Narasingapuram
85	GPU	GPU-06-21-04	Mr	Madinenti	Kesava	M	Narasingapuram
86	GPU	GPU-06-21-05	Mr	Karamandala	Naveen	M	Shrivasa Mangapuram ST Colony
87	GPU	GPU-06-21-06	Mr	Gopala	Manikantha	M	Shrivasa Mangapuram ST Colony
88	GPU	GPU-06-21-07	Mr	Madisi	Karthik	M	M.R Palli
89	GPU	GPU-06-21-08	Mr	Anambattu	Pavan	M	Brahmana Kalwa
90	GPU	GPU-06-21-09	Mr	Tirumalyam	Vamsi	M	Rangampet
91	GPU	GPU-06-21-10	Mr	Nanarapu	Karthik	M	Brahmana Kalwa
92	GPU	GPU-06-21-11	Mr	RamanujaPalli	Chittybabu	M	Rangampet
93	GPU	GPU-06-21-12	Mr	Nellopalli	Surendra	M	Brahmana Kalwa
94	GPU	GPU-06-21-13	Mr	Sadhukotra	Lokesh	M	Majjiga Kavala
95	GPU	GPU-06-21-14	Mr	S	Tharun	M	Rangampet
96	GPU	GPU-06-21-15	Mr	Nanarapu	Kumarraja	M	Brahmana Kalwa
97	GPU	GPU-06-21-16	Mr	Muragaiah	Ganavigneswar	M	Mandalury
98	GPU	GPU-06-21-17	Mr	Atturi	Param Siva	M	Rangampet
99	GPU	GPU-06-21-18	Mr	Sangapu	Chandu	M	Itepalli
100	GPU	GPU-06-21-19	Mr	Kandala	Saikumar	M	Narasingapuram
101	GPU	GPU-06-21-20	Mr	Marepalle	Naveen Kumar	M	Rangampet
102	GPU	GPU-06-21-21	Mr	Rayinutala	Charanraj	M	Itepalli
103	GPM	GPM-08-21-01	Mr.	Varganti	Ekambaram	M	Kaloor ST Colony
104	GPM	GPM-08-21-02	Mr.	Ithepalli	Deepak	M	Narasingapuram
105	GPM	GPM-08-21-03	Mr	RamanujaPalli	Chittybabu	M	Rangampet
106	GPM	GPM-08-21-04	Mr.	Atturi	Param Siva	M	Rangampet
107	GPM	GPM-08-21-05	Mr.	Sagili	Akil	M	Mr.palli
108	GPM	GPM-08-21-06	Mr.	D	Veeraswamy	M	Pennalapudi
109	GPM	GPM-08-21-07	Mr.	Tirumalyam	Vamsi	M	Rangampet
110	GPM	GPM-08-21-08	Mr.	Nanarapu	Karthik	M	Brahmana Kalwa
111	GPM	GPM-08-21-09	Mr.	Nellopalli	Surendra	M	Brahmana Kalwa
112	GPM	GPM-08-21-10	Mr.	Nanarapu	Kumarraja	M	Brahmana Kalwa
113	GPM	GPM-08-21-11	Mr.	Talari	Ramakrishna	M	ST Colony
114	GPM	GPM-08-21-12	Mr.	Akkala	Siva Kumar	M	ITHEPALLI
115	GPM	GPM-08-21-13	Mr.	Vupputuri	Nandiswara Rao	M	Narasingapuram
116	GPM	GPM-08-21-14	Mr.	Borra	Karthik Reddy	M	Rangampet

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
117	GPM	GPM-08-21-15	Mr.	Kudumala	Raghu	M	Narasingapuram
118	GPM	GPM-08-21-16	Mr.	Sreerama	Adhinagatharun	M	Rangampet
119	GPM	GPM-08-21-17	Mr.	Madinenti	Kesava	M	Narasingapuram
120	GPM	GPM-08-21-18	Mr.	Duddukunta	Dineshkumar Reddy	M	Rangampet
121	GPM	GPM-08-21-19	Mr.	Ramavath	Sriramnaik	M	Rangampet
122	GPM	GPM-08-21-20	Mr.	Gundarapu	Puli Ranga	M	Kuchivaripalli
123	SMM	SMM-07-21-01	Mr.	Venkatesh	Chethan Sai	M	Rangampet
124	SMM	SMM-07-21-02	Mr.	Sandiputti	Chaitanya Venkata Sai	M	D.Kandriga H/W
125	SMM	SMM-07-21-03	Mr.	Vallipagu	Dinesh Raja	M	Kuchivaripalli
126	SMM	SMM-07-21-04	Mr.	Tipinipuru	Tharun	M	Sainagar
127	SMM	SMM-07-21-05	Mr.	Gundarj kuppam	Charan Kumar	M	Chandragiri
128	SMM	SMM-07-21-06	Mr.	Boligadda	Udaykiran	M	Mangalam
129	SMM	SMM-07-21-07	Mr.	Nagapatla	Sudheer	M	Nagapatla
130	SMM	SMM-07-21-08	Mr.	Diguwapalem	Reddy Sekhar	M	Rangampet
131	SMM	SMM-07-21-09	Mr.	Venkatesulu	Sreedhar	M	Rangampet
132	SMM	SMM-07-21-10	Mr.	V.Sankarappa	Puneeth	M	Tirupathi
133	SMM	SMM-07-21-11	Mr.	Kanipakam	Sai Ajay	M	Bandarupalli
134	SMM	SMM-07-21-12	Mr.	Pettlu	Vinod kumar	M	Kondareddy kandriga
135	SMM	SMM-07-21-13	Mr.	Muthukuru	Roshan sai	M	Kachivaripalli
136	SMM	SMM-07-21-14	Mr.	Selvaraj	Prashanth	M	Kotala
137	SMM	SMM-07-21-15	Mr.	Chinthaparthi	Pradeep	M	Ambedkar colony
138	SMM	SMM-07-21-16	Mr.	Mudigolam	Siva prasad	M	Tirupathi
139	SMM	SMM-07-21-17	Mr.	Kathi	Muni sai kumar	M	Rangampet
140	SMM	SMM-07-21-18	Mr.	Jadapalli	Sai prakash	M	Rangampet
141	SMM	SMM-07-21-19	Mr.	Vallagi	Raj kumar	M	Kotala
142	SMM	SMM-07-21-20	Mr.	Bonaga	Udaykumar	M	Mangalam
143	SMM	SMM-07-21-21	Mr.	Thiriveedhi	Varun Kumar	M	Rangampet
144	SMM	SMM-07-21-22	Mr.	Ramavath	Jagadesh Naik	M	Rangampet
145	SMM	SMM-07-21-23	Mr.	Gattakalla	Tharun Kumar	M	Bandarupalli
146	SMM	SMM-07-21-24	Mr.	Sari	Kiran Kumar	M	Bandarupalli
147	SMM	SMM-07-21-25	Mr.	Pagadala	Saivarun	M	Rangampet
148	GCDT	GCDT-09-21-01	Mr.	Kottala	Venkatesh	M	kottala
149	GCDT	GCDT-09-21-02	Mr.	Asadi	Sai Jashwanth Kumar	M	Sainagar
150	GCDT	GCDT-09-21-03	Mr.	Ponneri	Sai Kumar	M	Kothhapalli (hw)

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
151	GCDT	GCDT-09-21-04	Mr.	Konchada	Nithin Kumar	M	Bandarupalli
152	GCDT	GCDT-09-21-05	Mr.	Mudusu	Jeeva Prakash	M	Munglipattu
153	GCDT	GCDT-09-21-06	Mr.	Kambakam	Venu	M	Rangampet
154	GCDT	GCDT-09-21-07	Mr.	Sandiputti	Chaitanya Venkata Sai	M	D.Kandriga H/W
155	GCDT	GCDT-09-21-08	Mr.	Tipineru	Tharun	M	Sainagar
156	GCDT	GCDT-09-21-09	Mr.	Bandaru	Saikumar	M	Kuchivaripalli
157	GCDT	GCDT-09-21-10	Mr.	Bejjam	venkata Deep Kumar	M	Kuchivaripalli
158	GCDT	GCDT-09-21-11	Mr.	Bollavaram	Kalyan Babu	M	Rangampet
159	GCDT	GCDT-09-21-12	Mr.	Dolu	Vasanth Kumar	M	Bandarupalli
160	GCDT	GCDT-09-21-13	Mr.	Mahendra Kumar	Dhanush Kumar	M	Bandarupalli
161	GCDT	GCDT-09-21-14	Mr.	Gujjala	Shashi Kumar	M	Bandarupalli
162	GCDT	GCDT-09-21-15	Mr.	Kasam	Sai Vignesh	M	kandulavari palli
163	GCDT	GCDT-09-21-16	Mr.	Alluru	Sainischal	M	kottala
164	GCDT	GCDT-09-21-17	Mr.	Kadiyam	Raviprasad	M	Beemavaram
165	GCDT	GCDT-09-21-18	Mr.	Mendagutty	Ramesh	M	tirupathi
166	GCDT	GCDT-09-21-19	Mr.	P	Shanmukha Sai	M	Chandragiri
167	GCDT	GCDT-09-21-20	Mr.	Aeruru	Sai Charan	M	Rangampet
168	GCDT	GCDT-09-21-21	Mr.	Koppolu	Kranthi Kumar	M	Cherlopalli
169	GCDT	GCDT-09-21-22	Mr.	Vallipagu	Dinesh Raja	M	Kuchivaripalli
170	GCDT	GCDT-09-21-23	Mr.	Vallagi	Rajkumar	M	Kottala
171	GCDT	GCDT-09-21-24	Mr.	Rayala	Uday Kiran	M	Nagari H/W
172	GCDT	GCDT-09-21-25	Mr.	Chenji	Kumar	M	Shrinivasa mangapuram ST Colony
173	GCDT	GCDT-09-21-26	Mr.	Repalli	Varun Raj	M	Moolapalli
174	GCDT	GCDT-09-21-27	Mr.	Venkatesh	Chetan Sai	M	Rangampet
175	GCDT	GCDT-09-21-28	Mr.	Sari	Kiran kumar	M	Bandarupalli
176	PHM	PHM-10-21-21	Mr.	Kottha Kotala	Guravaiah	M	Pullaiah Gari Palli
177	PHM	PHM-10-21-22	Ms	Kottha Kotala	Chenchamma	F	Pullaiah Gari Palli
178	PHM	PHM-10-21-23	Ms	Dharmarajula	Manjula	F	Pullaiah Gari Palli
179	PHM	PHM-10-21-24	Ms	Savapuri	Ammulu	F	Pullaiah Gari Palli
180	PHM	PHM-10-21-25	Ms	Pamala	Siddamma	F	Pullaiah Gari Palli
181	PHM	PHM-10-21-26	Ms	Tupakula	Lakshmi Devi	F	Pullaiah Gari Palli
182	PHM	PHM-10-21-27	Ms	Gundrathi Kuppam	Devi	F	Pullaiah Gari Palli
183	PHM	PHM-10-21-28	Ms	Gundrathi Kuppam	Vellamma	F	Pullaiah Gari Palli
184	PHM	PHM-10-21-29	Mr.	Batthala	Subramanyam	M	Pullaiah Gari Palli

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
185	PHM	PHM-10-21-30	Ms	Batthala	Nandini	F	Pullaiah Gari Palli
186	PHM	PHM-10-21-31	Ms	Gundrathi	Mangamma	F	Pullaiah Gari Palli
187	PHM	PHM-10-21-32	Ms	Nanapakulo	Mogilamma	F	Pullaiah Gari Palli
188	PHM	PHM-10-21-33	Ms	Eruvaram	Sujatha	F	Pullaiah Gari Palli
189	PHM	PHM-10-21-34	Ms	Gundrathi Kuppam	Munemma	F	Pullaiah Gari Palli
190	PHM	PHM-10-21-35	Ms	Dharmarajula	Naga Lakshmi	F	Pullaiah Gari Palli
191	PHM	PHM-10-21-36	Mr.	Eruvaram	Sivaiah	M	Pullaiah Gari Palli
192	PHM	PHM-10-21-37	Mr.	Dharmarajula	Ramu	M	Pullaiah Gari Palli
193	WUB	WUB-14-21-01	Ms.	Doori	Jyothi	F	Mungilipattu
194	WUB	WUB-14-21-02	Ms.	B	Lakshmi	F	Rangampet
195	WUB	WUB-14-21-03	Ms.	Putta	Sreelakshmi	F	Sreenivasamangapuram
196	WUB	WUB-14-21-04	Ms.	Uppalapati	Annapurna	F	Rangampet
197	WUB	WUB-14-21-05	Ms.	G	Santi	F	Chandragiri
198	WUB	WUB-14-21-06	Ms.	A	Deepa	F	Yellapalli
199	WUB	WUB-14-21-07	Ms.	Gundlapalli	Archana	F	Bheemavaram
200	WUB	WUB-14-21-08	Ms.	Thondati	Suhasini	F	Yellampalli
201	WUB	WUB-14-21-09	Ms.	Avilala	Pavitra	F	B.G Palli
202	WUB	WUB-14-21-10	Ms.	Bheemavaram	Parvathi	F	Yellampalli
203	WUB	WUB-14-21-11	Ms.	Avilala	Kalpana	F	B.G Palli
204	WUB	WUB-14-21-12	Ms.	Darla	Shanti	F	B.G Palli
205	WUB	WUB-14-21-13	Ms.	G	Meena	F	Badarlapalle
206	WUB	WUB-14-21-14	Ms.	P	Venkatamma	F	Rangampet
207	WUB	WUB-14-21-15	Ms.	P	Gangadevi	F	Arepalle
208	WUB	WUB-14-21-16	Ms.	G	Sridevi	F	Bandarlapalle
209	WUB	WUB-14-21-17	Ms.	Pasupula	Pavithra	F	Pullaiahgari Palli
210	WUB	WUB-14-21-18	Ms.	Anantha	Drakshayani	F	Pullaiahgari Palli
211	WUB	WUB-14-21-19	Ms.	S	Rajeeva	F	Pullaiahgari Palli
212	WUB	WUB-14-21-20	Ms.	P	Bhanu	F	Pullaiahgari Palli
213	WUB	WUB-14-21-21	Ms.	B	Deepa	F	Pullaiahgari Palli
214	WUB	WUB-14-21-22	Ms.	C	Devi	F	Pullaiahgari Palli
215	WUB	WUB-14-21-23	Ms.	C	Nagarathnamma	F	Pullaiahgari Palli
216	WUB	WUB-14-21-24	Ms.	Munagala	Padmavathi	F	Rangampet
217	WUB	WUB-14-21-25	Ms.	Chikka	Leelavathi	F	Bandarlapalli
218	WUB	WUB-14-21-26	Ms.	Pineni	Jayamma	F	Pullaiahgari Palli

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
219	WUB	WUB-14-21-27	Ms.	Mineti	Nagarathnamma	F	Pullaiahgari Palli
220	WUB	WUB-14-21-28	Ms.	Dharmarajula	Munilakshmi	F	Pullaiahgari Palli
221	WUB	WUB-14-21-29	Ms.	Gundrathi Kuppam	Devi	F	Pullaiahgari Palli
222	WUB	WUB-14-21-30	Ms.	Kotha Kottala	Bharathi	F	Pullaiahgari Palli
223	WUB	WUB-14-21-31	Ms.	Paritakula	Sarojamma	F	Pullaiahgari Palli
224	WUB	WUB-14-21-32	Ms.	Thupakula	Ranemma	F	Pullaiahgari Palli
225	WUB	WUB-14-21-33	Ms.	Gundrathi Kuppam	Anuradha	F	Pullaiahgari Palli
226	WUB	WUB-14-21-34	Ms.	Nalapakula	Mogilamma	F	Pullaiahgari Palli
227	WUB	WUB-14-21-35	Ms.	Thupakula	Lakshmi Devi	F	Pullaiahgari Palli
228	WUB	WUB-14-21-36	Ms.	Eruravaram	Sujatha	F	Pullaiahgari Palli
229	WUB	WUB-14-21-37	Ms.	Gundrathi Kuppam	Munemma	F	Pullaiahgari Palli
230	WUB	WUB-14-21-38	Ms.	Dharmarajula	Nagalakshmi	F	Pullaiahgari Palli
231	WUB	WUB-14-21-39	Ms.	Kotha Kotta	Sailaja	F	Kotala
232	WUB	WUB-14-21-40	Ms.	Guluru	Pavithra	F	Kotala
233	WUB	WUB-14-21-41	Ms.	Galeti	Thulasi	F	Kotala
234	ICT	ICT-11-21-01	Mr.	Rokka Rokkala	Rohith Kumar	M	Gangudupalli
235	ICT	ICT-11-21-02	Ms.	Virdala	Hemachandrika	F	Ramireddypalli
236	ICT	ICT-11-21-03	Ms.	Mudupuleti	Renuka	F	Srinivasa Mangapuram
237	ICT	ICT-11-21-04	Mr.	Subbamalla	Ajay Kumar	M	Peruru
238	ICT	ICT-11-21-05	Ms.	Tallapaka	Rajitha	F	Ramireddypalle
239	ICT	ICT-11-21-06	Ms.	Thallapaka	Ramya	F	Kuchivaripalli
240	ICT	ICT-11-21-07	Mr.	Velukuru	Jagadeesh	M	Rangampet
241	ICT	ICT-11-21-08	Ms.	Bapana	Deepika	F	Narasingapuram
242	ICT	ICT-11-21-09	Mr.	Gundraja Kuppam	Surya	M	Bheemavaram
243	ICT	ICT-11-21-10	Mr.	Degasikshi	Guna	M	Nagaiahgari Palli
244	ICT	ICT-11-21-11	Mr.	Samana	Thiyagarajan	M	Srinivasa Mangapuram
245	ICT	ICT-11-21-12	Mr.	Muppala	Muniteja	M	Pandurangavari palli
246	ICT	ICT-11-21-13	Mr.	Marripati	Dileep Kumar	M	Rangampet
247	ICT	ICT-11-21-14	Ms.	Gonthu Kokala	Sindhu Sree	F	Kuchivari Palli
248	ICT	ICT-11-21-15	Mr.	Tiruvalluru	Dharma Teja	M	Dhasari Street
249	ICT	ICT-11-21-16	Mr.	Podili	Prudvisai	M	Venkatampeta
250	ICT	ICT-11-21-17	Mr.	Pichi	Chakravarthy	M	Aakuthota Street
251	ICT	ICT-11-21-18	Mr.	Shaik	Mohammed Aman	M	Arepalli
252	ICT	ICT-11-21-19	Mr.	Shaik	Abdul Ezaz	M	Srinivasa Mangapuram

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
253	ICT	ICT-11-21-20	Mr.	Mendragutty	Ramesh	M	Tirupati
254	ICT	ICT-11-21-21	Mr.	Kasam	Sai Vignesh	M	Kandulavaripalli
255	ICT	ICT-11-21-22	Mr.	Bollavaram	Kalyan Babu	M	Rangampet
256	ICT	ICT-11-21-23	Mr.	Aeruru	Sai Charan	M	Rangampet
257	ICT	ICT-11-21-24	Mr.	Vallagi	Raj Kumar	M	Kotala
258	ICT	ICT-11-21-25	Mr.	Bejjam	Vekata Dileep Kumar	M	Kuchivari Palli
259	EM	EM-12-21-01	Mr.	Repalli	Varun Raj	M	Moolapalli
260	EM	EM-12-21-02	Ms.	Rayala	Uday Kiran	M	Nagari H/W
261	EM	EM-12-21-03	Mr.	Kasam	Sai Vignesh	M	Kandulavaripalli
262	EM	EM-12-21-04	Mr.	Bejjam	Vekata Dileep Kumar	M	Kuchivari Palli
263	EM	EM-12-21-05	Ms.	Bapana	Deepika	F	Narasingapuram
264	EM	EM-12-21-06	Mr.	Aeruru	Sai Charan	M	Rangampet
265	EM	EM-12-21-07	Mr.	Degasikshi	Guna	M	Nagaiahgari Palli
266	EM	EM-12-21-08	Ms.	Viradala	Hemachandrika	F	Ramireddypalli
267	EM	EM-12-21-09	Mr.	Mudupuleti	Renuka	F	Srinivasa Mangapuram
268	EM	EM-12-21-10	Mr.	Marripati	Dileep Kumar	M	Rangampet
269	EM	EM-12-21-11	Ms.	Tallapaka	Rajitha	F	Ramireddypalle
270	EM	EM-12-21-12	Ms.	Gonthu Kokala	Sindhu Sree	F	Kuchivari Palli
271	EM	EM-12-21-13	Mr.	Shaik	Abdul Ezaz	M	Srinivasa Mangapuram
272	EM	EM-12-21-14	Mr.	Vellakuru	Jagadeesh	M	Rangampet
273	EM	EM-12-21-15	Mr.	Subbamalla	Ajay Kumar	M	Peruru
274	EM	EM-12-21-16	Mr.	Samana	Thiyagarajan	M	Srinivasa Mangapuram
275	ICT	ICT-11-21-26	Mr.	Kolakati	Lakshmaiah	M	Srinivasa Mangapuram
276	ICT	ICT-11-21-27	Mr.	Gunthati	Harsha Vardhan	M	Mittapalem
277	ICT	ICT-11-21-28	Mr.	Gurrapadu	Vineeth	M	MR Palli
278	ICT	ICT-11-21-29	Mr.	Kolakati	Hemakumar	M	Rangampet
279	ICT	ICT-11-21-30	Mr.	Chattu	Saikumar	M	Peruru
280	ICT	ICT-11-21-31	Mr.	Sanavaram	Thilak	M	Ithepalli
281	ICT	ICT-11-21-32	Mr.	Onti	Hemanth	M	Chandragiri
282	ICT	ICT-11-21-33	Mr.	Alligeri	Jayanna	M	Ithepalli
283	ICT	ICT-11-21-34	Mr.	V	Venkatesh	M	Mallavaram
284	ICT	ICT-11-21-35	Mr.	Alluchari	Akash	M	Seshapuram
285	ICT	ICT-11-21-36	Mr.	Pattem	Ramudu	M	Tirupati
286	ICT	ICT-11-21-37	Mr.	M	Vinay Kumar	M	Mittapalem

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
287	ICT	ICT-11-21-38	Mr.	Lake	Nagaraju	M	ST Colony
288	ICT	ICT-11-21-39	Mr.	Velumurugan	Venky	M	Perumallapalle
289	ICT	ICT-11-21-40	Mr.	Pattem	Lakshmanudu	M	Cherlopalle
290	ICT	ICT-11-21-41	Mr.	Medathati	Akhil	M	Narayanavanam
291	ICT	ICT-11-21-42	Mr.	Kolakati	Vamsi	M	Cherlopalle
292	ICT	ICT-11-21-43	Mr.	V	Dharan Teja	M	Chandragiri
293	ICT	ICT-11-21-44	Mr.	Bathala	Praveen	M	Bheemavaram
294	ICT	ICT-11-21-45	Mr.	Meka	Chandu	M	Srinivasa Mangapuram
295	ICT	ICT-11-21-46	Mr.	Konaki	Vamsi	M	Kandulavaripalli
296	ICT	ICT-11-21-47	Mr.	Kongara	Dilip	M	Cherlopalle
297	ICT	ICT-11-21-48	Mr.	Konaki	Leela Sankar	M	Kandulavaripalli
298	EWT	EWT-04-21-37	Mr.	Kokkati	Divyanth	M	
299	EWT	EWT-04-21-38	Mr.	Sivarathri	Muni Ganesh	M	
300	EWT	EWT-04-21-39	Mr.	Golla	Harish	M	
301	EWT	EWT-04-21-40	Mr.	Syed	Ajad	M	
302	EWT	EWT-04-21-41	Mr.	Shaik	Pakruddin	M	
303	EWT	EWT-04-21-42	Mr.	Bandla	Sai Vitesh	M	
304	EWT	EWT-04-21-43	Mr.	Vanka	Sumanth	M	
305	EWT	EWT-04-21-44	Mr.	Vakkanti	Jaswanth	M	
306	EWT	EWT-04-21-45	Mr.	Gummichetty	Lakshmi Sreenivas	M	Narasingapuram
307	EWT	EWT-04-21-46	Mr.	Govindhu	Jagadeesh	M	
308	EWT	EWT-04-21-47	Mr.	Marisetty	Saikumar	M	Arepalle
309	EWT	EWT-04-21-48	Mr.	Pocham Reddy	Mahesh Reddy	M	
310	EWT	EWT-04-21-49	Mr.	Shaik	Thouhid	M	
311	EWT	EWT-04-21-50	Mr.	Pagadala	Muni Teja	M	Mittapalem
312	EWT	EWT-04-21-51	Mr.	Racha	Venkat Chakravarthi	M	
313	EWT	EWT-04-21-52	Mr.	Muntha	Bharath Kumar	M	
314	EWT	EWT-04-21-53	Mr.	Hasavath	Madhu Sudhana Naik	M	
315	EWT	EWT-04-21-54	Mr.	Nallapareddy	Siva	M	
316	EWT	EWT-04-21-55	Mr.	Kolapanedi	Mohan	M	Mittapalem
317	EWT	EWT-04-21-56	Mr.	Virupakshi	Lokesh Reddy	M	Kotala
318	EWT	EWT-04-21-57	Mr.	Shaik	Mohammad Thaha	M	Kalur
319	EWT	EWT-04-21-58	Mr.	Yaram	Somu Sekhar	M	Narasingapuram
320	EWT	EWT-04-21-59	Mr.	Kalavakunta	Rahul Krishna	M	Chinnaramapuram

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
321	EWT	EWT-04-21-60	Mr.	Samayam	Yuvaraju	M	Kaluru
322	EWT	EWT-04-21-61	Mr.	Duppati	Venu	M	Chittoor
323	EM	EM-12-21-17	Mr.	Chattu	Saikumar	M	Peruru
324	EM	EM-12-21-18	Mr.	Lake	Nagarjuna	M	ST Colony
325	EM	EM-12-21-19	Mr.	Onti	Hemanth	M	Chandragiri
326	EM	EM-12-21-20	Mr.	Kolakati	Lakshmaiah	M	Srinivasa Mangapuram
327	EM	EM-12-21-21	Mr.	Alligeri	Jayanna	M	Ithepalli
328	EM	EM-12-21-22	Mr.	Pattem	Lakshmanudu	M	Cherlopalli
329	EM	EM-12-21-23	Mr.	Gurrapadu	Vineeth	M	MR Palli
330	EM	EM-12-21-24	Mr.	V	Venkatesh	M	Mallavaram
331	EM	EM-12-21-25	Mr.	Meka	Chandu	M	Srinivasa Mangapuram
332	EM	EM-12-21-26	Mr.	Gunthati	Harshavardhan	M	Mittapalem
333	EM	EM-12-21-27	Mr.	Sanavaram	Thilak	M	Ithepalli
334	EM	EM-12-21-28	Mr.	Alluchari	Akash	M	Seshapuram
335	EM	EM-12-21-29	Mr.	Kolakati	Hemakumar	M	Rangampet
336	EM	EM-12-21-30	Mr.	Pattem	Ramudu	M	Cherlopalli
337	EM	EM-12-21-31	Mr.	Konaki	Leelashankar	M	Kandulavaripalli
338	EM	EM-12-21-32	Mr.	Bathala	Praveen	M	Bheemavaram
339	EM	EM-12-21-33	Mr.	M	Vinay Kumar	M	Mittapalem
340	EM	EM-12-21-34	Mr.	Medathati	Akhil	M	Narayanavanam
341	EM	EM-12-21-35	Mr.	Kongara	Dileep	M	Cherlopalli
342	EM	EM-12-21-36	Mr.	V	Dharan Teja	M	Chandragiri
343	EM	EM-12-21-37	Mr.	Velumurugam	Venky	M	Permallapalle
344	EM	EM-12-21-38	Mr.	Kolakati	Vamsi	M	Cherlopalli
345	EM	EM-12-21-39	Mr.	Konaki	Vamsi	M	Kandulavaripalli
346	APT	APT-05-21-26	Mr.	Peedi	Varshith	M	Tirupati
347	APT	APT-05-21-27	Mr.	Pasala	Bhavani Prasad	M	Brahmana Pattu
348	APT	APT-05-21-28	Mr.	Bestha	Siva Charan	M	Cherlopalle
349	APT	APT-05-21-29	Mr.	Mattavalam	Sridhar	M	Chinnagottigallu
350	APT	APT-05-21-30	Mr.	Koka	Chetan Kumar	M	Cherlopalle
351	APT	APT-05-21-31	Mr.	Sreerama	Prasanna Kumar	M	Tirupati
352	APT	APT-05-21-32	Mr.	Makkineni	Karthik	M	Mokkoti
353	APT	APT-05-21-33	Mr.	Bodaiahgari	Siddarth	M	Rangampet
354	APT	APT-05-21-34	Mr.	Kayam	Sudharshan	M	Rangampet

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
355	APT	APT-05-21-35	Mr.	Badisa	Harshavardhan	M	Cherlopalle
356	APT	APT-05-21-36	Mr.	Balireddy	Vishnuvardhan	M	Chinnagottigallu
357	APT	APT-05-21-37	Mr.	Golla	Sai Lohith	M	Kuchivaripalle
358	APT	APT-05-21-38	Mr.	Bogisetty	Dhanush Kumar	M	SM Puram
359	APT	APT-05-21-39	Mr.	Godlu	Gangulareddy	M	Rangampet
360	APT	APT-05-21-40	Mr.	Gonuguntla	Kiran	M	Rangampet
361	APT	APT-05-21-41	Mr.	Gangireddi	Ashok	M	Cherlopalle
362	APT	APT-05-21-42	Mr.	Vempalli	Venkata Sai	M	Arepalle
363	APT	APT-05-21-43	Mr.	Mangapathi	Kiran	M	C.L.Colony
364	APT	APT-05-21-44	Mr.	Daggumati	Mohan	M	Rangampet
365	APT	APT-05-21-45	Mr.	Vennapusa	Theja Vardhan	M	Kotala
366	APT	APT-05-21-46	Mr.	Pappaka	Gangadhar	M	Pullaiahgaripalle
367	APT	APT-05-21-47	Mr.	Emmubaigari	Mahabood Subhan	M	Koochivaripalle
368	APT	APT-05-21-48	Mr.	Danda Shaik	Sadiqali	M	Koochivaripalle
369	APT	APT-05-21-49	Mr.	Gunakagari	Charan Teja	M	Peruru
370	APT	APT-05-21-50	Mr.	Chandragiri	Avinash	M	Chandragiri
371	SDS	SDS-01-22-01	Mr.	Koneti	Sai Pavan	M	Tirupati
372	SDS	SDS-01-22-02	Mr.	Medi	Muni Prasad	M	SV Nagar
373	SDS	SDS-01-22-03	Mr.	Kunta	Lokesh	M	Rangampet
374	SDS	SDS-01-22-04	Mr.	NC	Abinash	M	Nagalapuram
375	SDS	SDS-01-22-05	Mr.	B	Muthu	M	SS Puram
376	SDS	SDS-01-22-06	Mr.	Kamampatti	Murali Krishna	M	Chenchu Raju Kandriga
377	SDS	SDS-01-22-07	Mr.	Karamthoti	Murali Naik	M	Kuchivaripalli
378	SDS	SDS-01-22-08	Mr.	M	Pavan Kumar	M	Rangampet
379	SDS	SDS-01-22-09	Mr.	D	Babu Niak	M	Mangapuram
380	SDS	SDS-01-22-10	Mr.	Nindra	Jaya Chandra	M	Tirupati
381	SDS	SDS-01-22-11	Mr.	Duddela	Ravi Vamsi	M	Tirupati
382	SDS	SDS-01-22-12	Mr.	Bathula	Ganesh	M	Rangampet
383	SDS	SDS-01-22-13	Mr.	Sathram	Mohan Sai	M	Cherlopalli
384	SDS	SDS-01-22-14	Mr.	A	Deeraj Sai	M	Chandragiri
385	SDS	SDS-01-22-15	Mr.	M	Pavan Kalyan	M	Balaji Colony
386	SDS	SDS-01-22-16	Mr.	M	Dinesh	M	Cherlopalli
387	SDS	SDS-01-22-17	Mr.	N	Prem Sai	M	Panapakam
388	SDS	SDS-01-22-18	Mr.	Vellor	Vinod Kumar	M	Bheemavaram

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
389	SDS	SDS-01-22-19	Mr.	Peddasari	Madhan	M	Cherlopalli
390	SMM	SDS-01-22-20	Mr.	K	Soma Shekar	M	Chandragiri
391	SMM	SDS-01-22-21	Mr.	Nainar	Chaitanya	M	MR Palli
392	SMM	SDS-01-22-22	Mr.	N	Sree Harsha	M	Tirupati
393	SMM	SDS-01-22-23	Mr.	Janjam	Uday Kiran	M	Renigunta
394	SMM	SDS-01-22-24	Mr.	Monra	Sai Kumar	M	Rangampet
395	SMM	SDS-01-22-25	Mr.	N	Ajay Ramesh	M	Narasingapuram
396	SMM	SMM-07-22-26	Ms.	Aithepalli	Pranathi	F	Bandarlapalli
397	SMM	SMM-07-22-27	Ms.	P	Reddy vandana	F	Tirupathi
398	SMM	SMM-07-22-28	Ms.	Kothapalli	Joshitha mohan	F	Chandragiri
399	SMM	SMM-07-22-29	Mr.	Ganugapenta	M.Venkatesh	M	Tirupathi
400	SMM	SMM-07-22-30	Ms.	D	Rajesh	M	Kotala
401	SMM	SMM-07-22-31	Mr.	Indala	Kushal kumar	M	Rangampeta
402	SMM	SMM-07-22-32	Mr.	C	Reddy Kumar	M	C.G.Palli
403	SMM	SMM-07-22-33	Mr.	K.S	Siraaj ul arifeen	M	Chandragiri
404	SMM	SMM-07-22-34	Mr.	C	Sashipreetham	M	Tirupathi
405	SMM	SMM-07-22-35	Ms.	A	Padmavathi	F	Tirupathi
406	SMM	SMM-07-22-36	Ms.	B	Lavanya kumari	F	Bheemavaram
407	SMM	SMM-07-22-37	Mr.	Akkim	Koteswara rao	M	Tirupathi
408	SMM	SMM-07-22-38		B	Kavitha	M	Narasingapuram
409	SMM	SMM-07-22-39	Mr.	C	Tammi selvan	M	Cherlopalli
410	SMM	SMM-07-22-40	Ms.	Konalam	Keerthi	F	Chandragiri
411	SMM	SMM-07-22-41	Mr.	Sreeramula	Narasimhudu	M	Kuchivaripalli
412	SMM	SMM-07-22-42	Ms.	Harijana	Deepthi	F	Rangampeta
413	SMM	SMM-07-22-43	Mr.	R	Sai Bhargav	M	Kognareddy palli
414	SMM	SMM-07-22-44	Mr.	E	Teja	M	Cherlopalli
415	CTB	SMM-07-22-45	Ms.	K	Lohitha reddy	F	pudipatla
416	CTB	SMM-07-22-46	Mr.	B.	Vignesh	M	Bandarlapalli
417	CTB	SMM-07-22-47	Mr.	T	Dharma Teja	M	Chandragiri
418	CTB	SMM-07-22-48	Mr.	P	Prudvi Sai	M	Chandragiri
419	CTB	SMM-07-22-49	Mr.	A	Ganesh	M	Narasingapuram
420	CTB	SMM-07-22-50	Mr.	Bandi	Sreekanth	M	Rangampeta
421	CTB	CTB-01-22-01	Ms.	D	Malliswari	F	Sanambatla
422	CTB	CTB-02-22-02	Ms.	D	Amaravathi	F	Sanambatla

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
423	CTB	CTB-03-22-03	Ms.	A	Krishnamma	F	Sanambatla
424	CTB	CTB-04-22-04	Ms.	K	Ramadevi	F	Sanambatla
425	CTB	CTB-05-22-05	Ms.	A	Ooha	F	Sanambatla
426	CTB	CTB-06-22-06	Ms.	K	Kusumamba	F	Sanambatla
427	CTB	CTB-07-22-07	Ms.	B	Nagabushanamma	F	Sanambatla
428	CTB	CTB-08-22-08	Ms.	K	Kavitha	F	Sanambatla
429	CTB	CTB-09-22-09	Ms.	T	Munemma	F	Sanambatla
430	CTB	CTB10-22-10	Ms.	P	Sulochana	F	Sanambatla
431	CTB	CTB-11-22-11	Ms.	P	Vallemma	F	Sanambatla
432	CTB	CTB-12-22-12	Ms.	P	Nageswaramma	F	Patha Sanambatla
433	CTB	CTB-13-22-13	Ms.	T	Sumathi	F	Patha Sanambatla
434	CTB	CTB-14-22-14	Ms.	K	Sailaja	F	Kotala
435	CTB	CTB-15-22-15	Ms.	G	Yerramma	F	Kotala
436	CTB	CTB-16-22-16	Ms.	G	Puja	F	K.V.Palli
437	CTB	CTB-17-22-17	Ms.	N	Subbalaxmi	F	Harijanawada
438	CTB	CTB-18-22-18	Ms.	G	Swapna	F	B.G.Palli
439	CTB	CTB-19-22-19	Ms.	M	Vijaya	F	Bhimavaram
440	CTB	CTB-20-22-20	Ms.	T	Bharathi	F	Bhimavaram
441	CTB	CTB-21-22-21	Ms.	D	Surekha	F	Chandragiri
442	CTB	CTB-22-22-22	Ms.		Nagamma	F	Narasingapuram
443	CTB	CTB-23-22-23	Ms.	V	Hemachandrika	F	Kotala
444	CTB	CTB-24-22-24	Ms.	G	Prasanthi	F	Kuchivaripalli
445	CTB	CTB-25-22-25	Ms.	G	Neelavathi	F	Bhimavaram

Technology Transfer of "A Smart Wearable Travel Support System for Supervising Visually Impaired People" (Patent No: 538048) by Mr. Pydala Basha and Dr. V. Jyothsna, Faculties of Data Science, to Young Minds Technology Solutions Pvt. Ltd. on October 23, 2024.

Details of Transfer of Technology - 2024 to 2025

S. no	Title of the Technology transferred	Industry company to which Technology transferred	Patent Grant No	DD/MM/YY	Applicant	Inventors	Amount

S.NO.	PROGRAM CODE	TRAINEE ID	TITLE	SURNAME	FULL NAME	GENDER	VILLAGE / HABITATION
1	A Smart Wearable Travel Support System for Supervising Visually Impaired People	M/s Youngminds Technology Solutions Pvt Ltd, 1st floor, 1-5-558, 2nd Street, Balaji Colony, Tirupati, Andhra Pradesh 517502	538048	30-11-2024	Mohan Babu University	1. Dr.P. Bhasha 2. Dr.V. Jyothsna 3. Ms. E Sandhya 4. Ms. C Silpa 5. Mr. P Srinivasa Reddi 6. Ms. Ch. Prathima	Rs. 1.8 Lakhs
2	Intelligent Shopping Assistance And In-Store Navigation Using Aerial Drones	LEOSPHERE Innovations and Research Pvt. Ltd. 8/62-5, Rayachoti, Cuddapah-516269, Andhra Pradesh	508899	10-12-2025	Mohan Babu University	1. Dr.J.Avanija 2. Dr.Gurram Sunitha 3. Dr.K.Reddy Madhavi 4. Dr.Naresh Babu Muppalaneni	Rs. 2.5 Lakhs

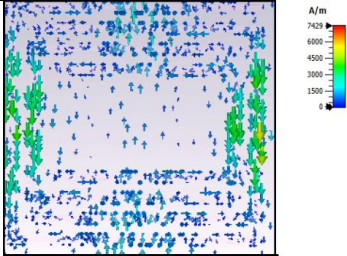

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 Andhra Pradesh-517 102

Annexure-16.g

Details of the Inter-disciplinary Centre's are furnished below.

S.No.	Name of the Centre	Description	Photo	Outcomes	Inter Disciplinary Departments
1.	MEMS Research Centre (NMDC)	The Centre motivates the research activity in the field of MEMS by proper utilization of the facilities provided by NPMASS from design to fabrication of prototype MEMS products and specific field applications. NMDC is equipped with licensed software such as COVENTOR MEMS+, Intellisuite and COMSOL under National Program on Micro and Smart Systems (NPMASS). The Centre focuses on design, model and fabrication of the MEMS/NEMS devices. Nano electronics lab of the centre has the materials depositing units (PVD and spin-coater), digital annealing unit and VI analyser for device fabrication.		• Development of Novel MEMS Devices: The center has successfully developed and prototyped several novel MEMS devices. These devices are characterized by their miniaturization, low power consumption, and high precision, enabling applications in various industries such as healthcare, aerospace, and telecommunications. • Enhanced Sensing and Actuation Capabilities: The research center has made remarkable progress in improving the sensing and actuation capabilities of MEMS devices. By integrating advanced materials, innovative fabrication techniques, and state-of-the-art sensors, the center has achieved enhanced performance, sensitivity, and reliability in MEMS-based sensors and actuators. • Integration of MEMS with Other Technologies: The center has focused on integrating MEMS with	Physics and ECE

				other technologies to unlock new functionalities and applications. This includes the integration of MEMS with microelectronics, nanotechnology, and wireless communication, leading to the development of smart systems and Internet of Things (IoT) devices. • Miniaturization and Power Efficiency: One of the main objectives of the center is to further miniaturize MEMS devices while maintaining or improving their performance. Through advancements in microfabrication techniques and optimization of device designs, the research center has successfully reduced the size and power consumption of MEMS devices, making them suitable for portable and wearable applications. • Biomedical Applications: The MEMS Research Centre has dedicated efforts to explore and develop MEMS-based devices for biomedical applications. This includes the development of bio-sensing platforms, lab-on-a-chip systems, implantable devices, and microfluidic devices for diagnostics, drug delivery, and monitoring of physiological parameters. • Collaboration and Industry Partnerships: The center actively	

				collaborates with industry partners, research institutions, and governmental organizations to accelerate the translation of MEMS research into real-world applications. These partnerships facilitate technology transfer, commercialization of MEMS devices, and the development of practical solutions to address industry-specific challenges.	
2.	Centre for VLSI & Embedded Systems	The Research Centre aims to engage faculties, researchers, and students in the latest research works and technologies through project involvement and collaboration with industries. Currently, center is actively engaging in research and development in the field of Low Power CMOS VLSI Design, Circuit and Device Modelling in VLSI Applications, Network on Chip, Energy Harvesting Applications, Wearable Devices, Sensors in Medical and Environmental Applications, Error Mitigation in High Density Memories, Remote Sensing, IOT Application, and other related areas.	 Current distribution plot at 3.045 THz.	• Developed innovative low-power VLSI designs for energy-efficient electronic devices. • Produced research publications in top-tier conferences and journals, contributing to the academic community. • Collaborated with industry partners to transfer technology and implement real-world applications. • Trained and produced highly skilled engineers specialized in VLSI and embedded systems. • Secured research grants and funding for further advancements in the field.	ECE, EEE, CSE, AIML, DS, and CA

		S/w and H/w available • Mentor Graphics • Xilinx ISE • Xilinx VIVADO • Advanced FPGA Boards • OrCAD SPICE • Micro wind			
3.	Centre for Intelligent Computing	The Centre for Intelligent Computing is a research center located at Mohan Babu University. The Intelligent Computing Research Centre is focused on the development of Intelligent Computing algorithms and models for solving real world problems. The members are actively working in the area of Intelligent Computing and its related research fields like Computer Vision, Image/Speech/Video Processing, Medical Image Processing, Natural language Processing and Smart applications, etc., The Research Centre has essential infrastructure to conduct independent and interdisciplinary Research.		• Advanced Algorithms: The research centre has developed cutting-edge algorithms for various domains, including machine learning, natural language processing, and computer vision. • Industry Collaborations: The centre has established collaborations with leading industries, fostering technology transfer and facilitating the implementation of intelligent computing solutions in real-world applications. • Publications and Conferences: Researchers at the centre have published numerous papers in reputable journals and presented their work at international conferences, contributing to the advancement of the field. • Student Engagement: The centre actively engages students in research activities, providing them with opportunities to work on	ECE, EEE, CSE, MECH, AIML, DS, and CA

				challenging projects and gain hands-on experience in intelligent computing. • Technological Innovations: The centre has produced several innovative technologies, such as intelligent systems for automated decision-making, intelligent data analytics tools, and intelligent robotics solutions, with potential applications across various industries.	
4.	Applied Renewable Energy Research Lab	The Applied Renewable Energy Research Lab at Mohan Babu University is a dedicated facility focused on advancing research and development in the field of energy. It aims to explore innovative technologies, sustainable energy sources, and promote energy efficiency to address the growing energy challenges of today's world.		• Renewable Energy Technologies: The center has made significant contributions in developing and implementing renewable energy technologies such as solar power, wind energy, and biomass utilization. • Energy Efficiency Solutions: Researchers have focused on enhancing energy efficiency in various sectors, including buildings, transportation, and industrial processes, leading to reduced energy consumption and lower carbon emissions. • Policy Development: The center has actively participated in policy discussions and provided valuable insights to shape energy policies at regional and national levels, promoting sustainable energy	EEE and MECH

				practices. • Knowledge Dissemination: Through workshops, seminars, and publications the center has disseminated knowledge on energy-related topics, empowering students, professionals, and the wider community. • Industry Collaborations: The center has established partnerships with industry stakeholders, fostering collaborations to facilitate technology transfer, commercialization of innovations, and the development of sustainable energy solutions.	
5.	Computer Networks and Cyber Security Research Center	The Computer Networks and Cyber security Research Centre at Mohan Babu University is a dedicated facility that conducts innovative studies in the fields of computer networks and cyber security. Its primary focus is on the development of advanced technologies and strategies for protecting information systems, detecting threats, and improving network performance and security.		• Improved network security: The research center at Mohan Babu University has contributed to the development of advanced techniques and strategies to enhance network security, safeguarding sensitive data from cyber threats. • Cyber security awareness: The center's initiatives have raised awareness about cyber security among students, faculty, and the community, promoting best practices and responsible digital behavior. • Advanced threat detection: Through innovative research, the center has developed sophisticated tools and methodologies for detecting and mitigating cyber threats, helping	EEE, ECE, CSE, AIML, DS, and CA

				organizations proactively safeguard their networks. • Industry collaboration: The research center actively collaborates with industry partners, fostering mutually beneficial relationships and facilitating the transfer of knowledge and technology for practical cyber security applications. • Research publications: The center's researchers have published numerous papers in reputable conferences and journals, contributing to the global body of knowledge in computer networks and cyber security and inspiring further advancements in the field.	
6.	Data Analytics Research Centre	The Data Analytics Research Centre at Mohan Babu University is a hub of innovative research, focusing on exploring and harnessing the power of data analytics. With cutting-edge technologies and a team of expert researchers, the center aims to drive data-driven insights and solutions for various industries.		• The Data Analytics Research Centre at Mohan Babu University has developed innovative algorithms that significantly improve data processing and analysis efficiency. • The Centre's research has led to the development of cutting-edge data visualization tools that enhance data interpretation and decision-making. • The Centre's studies have contributed to the advancement of machine learning techniques, enabling more accurate predictions and insights from complex datasets. • Research conducted at the Centre	EEE, MECH, CIVIL, ECE, CSE, AIML, DS, and CA

				has resulted in the creation of data privacy and security frameworks that protect sensitive information while facilitating data analytics. •The Centre's collaborations with industry partners have led to the implementation of data analytics solutions that optimize business processes and improve organizational performance.	


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Sree Sainath Nagar, Tirupati
Andhra Pradesh-517 102



MOHAN BABU UNIVERSITY

Sree Sainath Nagar, Tirupati – 517 102, A.P.

(Established under Andhra Pradesh Private Universities (Establishment & Regulation) Act 2016

(Act No: 3 of 2016 & 40 of 2023))

Annexure-16.h

Information about the Externally Funded Research Projects

GOVERNMENT PROJECTS

S.No	Name of the Scheme/Project/ Endowments/ Chairs	Name of PI/ Co-PI (if applicable)	Funding Agency	Year of sanction	Duration	Fund Sanctioned (₹ in lakhs)
1	Science Technology Innovation Hub	Dr. T. Devaraju, PI	DST-STI	2020-21	3 Years	₹ 3,61,30,000
2	AMT-DST Funded Project Title: Development of Automated Fixture for Friction Stir Welding of Defence grade AA5083/AA7075 Pipes	Dr. S. Ragu Nathan, PI	DST-TDT-AMT	2021-22	3 Years	₹ 39,89,000.00
3	AICTE IDEA (Idea Development Evaluation and Application) LAB	Dr. N.Padmaja, Coordinator Dr. B. Sachuthananthan, Co- coordinator	AICTE	2021-22	2 Years	₹ 1,13,96,000.00
4	SPICES-Coding Club	Dr.M.Sunil Kumar, PI Dept. of CSE	AICTE	2022-23	01 year	₹ 2,20,000.00
5	“Vignana Vihangam”: (Development of School Teachers as Resource Persons in Physics Experiments for Rural Area Students using Low- Cost Teaching Aids)	Dr.M.V.Sasi Kumar, PI Dr. Y.B.Kishore, Co-PI	DST-NCSTC-LOW COST	2022-23	9 Months	₹ 29,26,000.00
6	Creating Awareness of Basic Science through Science Fair among Rural and Semi- Urban School Students in Chittoor District (CO/A/FP/E171/2021)	Dr. B.Eswari, PI Dr. P.Geetha, Co-PI Dr.P.Leela Rani, Co-PI	DST-NCSTC-LOW COST	2022-23	06 Months	₹ 22,20,000.00
7	Nurturing Young Minds with Foundation in Artificial Intelligence and Data Science; Awareness approach for region of Chittoor District	PI: Dr.Narendra Kumar Rao,CO-PI: Dr.P.Vishnu Prasanth, SVEC	DST-NCSTC-CCOP	2024-25	09 Months	₹ 22,60,000.00
8	Creating awareness on foundations of cloud computing platforms for nurturing innovation in young minds.	Dr. J. Avanija, PI CO-PI, Dr.G.Suneeta Dept. of CSE	DST-NCSTC-CCOP	2024-25	09 Months	₹ 22,90,000.00
9	An integrated approach to perchlorate contamination in groundwater and its toxicological impact on human health: suggesting in-situ remediation in Arjunanadi River basin	Dr. D. Karunanidhi Professor, Dept. of Civil Engg.	DST-ANRF	2024-25	2 Years	₹ 12,62,240.00
					Total	₹ 6,26,93,240.00

NON-GOVERNMENT PROJECTS - 2023-24

S.No	Name of the PI	Name of the Project	Sponsoring agency with contact details	Year	Amount Sanctioned (Rs.)
1	Dr.S.Ragunathan Professor, ME	Establishment of Process Parameters and WPS for fabrication of AA6061 from panels using friction stir welding process for constructional applications	R. V. Machine Tools, 18-29, Chinnavedampati, Ganapthy, Coimbatore, Tamil Nadu, India.	2023-2024	15,45,000
2	Dr. M. Sujatha Professor, EEE	Energy Storage through Electrolysis by	Nirvana Solar, Bangalore	2023-2024	21,11,000
3	Dr. V.Arun, Professor, EEE	Opportunities in Smart LED	LO-LED Pvt.Ltd., Hyderabad	2023-2024	25,04,074
4	Dr. K.Reddy Madhavi Professor, AIML	Cloud infrastructure development for Online Certifications	Aras Info Tech, Hyderabad	2023-2024	20,89,491
5	Dr. Avanija Professor, AIML	Information Technology Infrastructure Monitoring and Inventory Management System	Aras Info Tech, Hyderabad	2023-2024	21,16,012
6	Dr. Ramani	NutriSustain: Bridging Sustainable Practice with Health-Conscious Food Recommendation system	IRSDL, Bangalore	2023-2024	9,00,000
7	Dr.Dharani Professor, ECE	Integration of sensors into windows and doors for implementation of smart home	VK Enterprises, Tirupati	2023-2024	8,60,000
8	Dr.Dharani	Implementation of Smart home us	KV Associates, Tirupati	2023-2024	6,20,000
9	Dr.A.Yasmeen Professor, ECE	Designing and Developing of Dual axis solar tracker for Performance improvement of Solar photovoltaic panels for Ground Mounted PV Solar Power Plants	Transcendent En Tech., Coimbatore	2023-2024	9,48,750
10	Dr.P.Prakash Professor, ME	Failure analysis and Defect prevention mechanism for seam welding of Cold Rolled-close annealed Mild Steel for Crude oil Barrel manufacturing	M/s Sivaram Barrel, Tirupati	2023-2024	14,00,000
11	Mr. Anil Kumar ECE	AI Based Waste Segregation	& T Labs, Visakhapatnam	2023-2024	15,00,000
12	Dr.T.Giridhar Krishna Dean-Agriculture	Identification of suitable cotton cultivars for medium duration, high density, synchronised maturity and high yield potential using model aided Ideotype algorithms for semi-arid conditions	Ms Bharathi Seeds, Nandyala, AP	2023-2024	17,57,453
Total Grant Received (Rs.)					1,83,51,780

NON-GOVERNMENT PROJECTS - 2024-25

S.No	Name of the PI	Name of the Project	Sponsoring agency with contact details	Year	Amount Sanctioned (Rs.)
1	Dr. D. Suresh Babu	Fault Detection and Efficiency Optimization of Power Converters Using Machine Learning Algorithms	Technograd, Tirupati	2024-25	21,87,960
2	Dr Kasi Rao	Evaluation of spraying techniques for the management of pests and diseases	M/s KHETHARI AGRI TECH, Tirupati	2024-25	10,00,000
3	Mr. M.Chakravarthy	Prevention of Anemia in software adult males in AP	Reliable Global Pharma, Hyderabad	2024-25	10,00,000
4	Dr.TV Satyanarayana	AI-Based Predictive Demand and Wear-and-Tear Forecasting Algorithms for Automotive Parts Management	Gayathri Automotives, Tirupati.	2024-25	9,17,212
5	Dr. N. Ashok Kumar	Autonomous Drone Navigation with Enhanced Obstacle avoidance	Skyrider Aero Solutions, Chennai	2024-25	14,23,484
6	Dr Mallikarjuna BP	Analytical development methods for QC of chemicals and enzymes	YSP Scientific solutions, Chennai	2024-25	4,37,255
7	Dr. M.Sowmya Vani	Dynamic Transit Control system using cloud computing	RRR Cloud Solutions PVT.,Ltd.	2024-25	13,50,000
8	Dr. M.Sowmya Vani	Campus Resident Management System development	RRR Cloud Solutions PVT.,Ltd.	2024-25	16,50,000
9	Dr Sambasiva Rao	Studies on performance efficiency of various farm implements in alfisols and transmittance of soil borne diseases	M/s KHETHARI AGRI TECH, Tirupati	2024-25	15,00,000
10	Dr. N. Sudhakar Reddy	Adaptive Learning Pathway Algorithms for Personalized Education	TheThink study, Chennai	2024-25	11,80,000
11	Dr. B. Hemanth	Power Conversion Optimization: Applying Algorithms for Enhanced Efficiency and Reliability	Technograd, Tirupati	2024-25	16,56,365
12	Dr. J Suresh Babu,	Tech Workforce Dynamics: Managing Talent and Skills in the Era of Technological Advancement	AIMERS Info,Hyderabad.	2024-25	12,80,700
13	Mr P Venkatesh	Modelling and Simulation of High Gain Boost Converter For PV Applications	M/s Sri Krishna Enterprises	2024-25	7,78,135
14	Mr D Praveen Kumar	Design and Testing of Hardware Solutions for Robust Solar Inverter Systems	M/s Sri Krishna Enterprises	2024-25	7,16,398

15	Dr.K.Padmaja	AI-Driven Drug Discovery: Predicting Potential Therapeutic Compounds Using Machine Learning Models	Sree Avamed Pharma	2024-25	15,00,000
16	Dr.T.Hariprasad	Multipurpose solar dryer, vacuum and sealing machine for community products.	H Square	2024-25	28,97,775
17	Dr. R.L.Krupakaran	Development of a Sustainable Manufacturing and Prototyping Hub for Renewable Energy and Electric Mobility Solutions	Technograd	2024-25	23,79,091
18	Dr.B.Sashunathan	Die Restoring through Wire EDM for low Heat/Stress damages to meet high precision Extrusion	Paladugu Structural and Roofing Industry	2024-25	20,83,472
19	Dr.Yasmine Bagum	Design and Development of a autonomous Drone for precision Agriculture and Real-Time monitoring	Sri Vignan Technologies	2024-25	31,10,460
Total Grant Received (Rs.)					2,90,48,307


REGISTRAR
MOHAN BABU UNIVERSITY
 Sree Salnath Nagar, Tirupati
 Andhra Pradesh-517 102

Information about the Educational Programs Arranged

S.No.	Dept.	Year	Name of the event	Number of Participants	Date From – To	1 to 6
1	AI&ML	2022	Artificial Intelligence and Machine Learning	45	31.01.2022 to 04.02.2022	3
2	AI&ML	2022	Data Visualization with Python	60	19.02.2022 to 26.02.2022	5
3	AI&ML	2022	Code Mania Feb'22	150	20.02.2022	2
4	AI&ML	2022	Android Development Using React JS	60	05.03.2022 to 18.03.2022	1
5	AI&ML	2022	Code Kaze Coding Contest Season-2	240	06.03.2022	5
6	AI&ML	2022	Career Opportunities in Full Stack Development	72	12.04.2022	5
7	AI&ML	2023	Expert Lecture on Certification Prospects in Cloud Computing	100	25.3.2023	5
8	AI&ML	2023	Expert Lecture on Advanced Programming Concepts in Python	54	26.5.2023	5
9	AI&ML	2023	workshop on Introduction to Artificial Intelligence & Machine Learning	37	31.07.2023 to 04.08.2023	5
10	AI&ML	2023	Expert Lecture on "Guiding Your Career Journey: Packaged App Development"	62	18.8.2023	5
11	AI&ML	2023	Expert Lecture on "Cloud CRM: Salesforce"	47	30.10.2023	5
12	AI&ML	2024	Next Gen Tech Innovation: Indian Talent Transforming Lives	150	10.01.2024	5
13	AI&ML	2024	Applications of Machine Learning using Python	50	16.02.2024	2
14	AI&ML	2024	3rd National Conference on Knowledge, Innovations, and Technologies for Sustainability	500	06.04.2024	2
15	AI&ML	2024	Learn by doing	27	20.04.2024	2
16	AI&ML	2024	Innovative Pedagogical Techniques " in Collaboration with IUCEE	62	20th ,27th April, 04th and 11th May 2024	3
17	AI&ML	2024	AI for All " in Collaboration with IUCEE	20	27.05.2024 to 15.07.2024	5
18	AI&ML	2024	IUCEE NEP Minicourse on Artificial Intelligence for All	10	27.05.2024, 03,10,17,24 June, 2024 & ,01,08,15 July, 2024	5
19	AI&ML	2024	A2I Skilling Program in Data Structures & Design and Analysis of Algorithms	40	07.06.2024 to 11.07.2024	5
20	AI&ML	2024	TECH BLOGGING OR WRITING	120	21.08.2024	2
21	AI&ML	2024	Career Opportunities in Software Development Frameworks	40	23.08.2024	5
22	AI&ML	2024	ECHOES OF THE PAST	70	13.09.2024	2
23	AI&ML	2024	Generative AI	82	05.10.2024	2
24	AI&ML	2024	FAVES FEST	25	17.10.2024	2
25	AI&ML	2024	Future of AI: AGI and Superintelligence	50	18.10.2024	5
26	AI&ML	2024	TECH ESCAPE	130	18.10.2024	2
27	AI&ML	2024	APP BUILDER	130	23.10.2024	2

28	AI&ML	2024	APP BUILDER-II	130	06.11.2024	2
29	AI&ML	2024	Infosys Student Development Program on AI	48	06.11.2024 to 08.11.2024	5
30	AI&ML	2024	Introduction to SailPoint Tool	63	15.11.2024	5
31	AI&ML	2024	The Future of AI: Navigating the Frontier of Intelligence and Ethics	63	04.12.2024	2
32	AI&ML	2024	The Role of Coding in Shaping Career Trajectory	72	07.12.2024	5
33	AI&ML	2025	Tech Expressions	36	24.01.2025	2
34	AI&ML	2025	Five Days Online Workshop on "Gemini 2.0 Flash"	770	08-09-2025 to 12-09-2025	5
35	AI&ML	2025	A Technical workshop on "R for Statistical Computing and analytics".	61	28-08-2025	5
36	AI&ML	2025	A One day Guest Lecture On "How to Write Quality Research Publications"	78	11-09-2025	5
37	AI&ML	2025	Webinar on "Kafka at Work: Streamlining Industrial Data Pipelines"	107	22-09-2025	5
38	AI&ML	2025	Expert Lecture on "Gen AI for Healthcare Applications" organized	67	23-10-2025	5
39	AI&ML	2025	Expert Lecture on "Role of AI in Research Domain"	51	19-11-2025	5
40	AI&ML	2025	Hackathon on DeepHack	68	19-11-2025	2
41	AI&ML	2025	Workshop on Prompt Engineering	191	23-01-2026	5
42	AI&ML	2025	IEEE Membership Drive 2025	43	15-12-2025	1
43	AI&ML	2025	Industrial Visit	72	22-02-2025	2
44	AI&ML	2025	Hackathon	546	17-11-2025 to 18-11-2025	2
45	AI&ML	2026	Workshop on Prompt Engineering	191	23-01-2026	5
46	AI&ML	2026	Technical Workshop on "Internet of Things (IoT) for Smart Environment"	56	24-02-2026	5
47	AI&ML	2026	Crafting the Web		25-02-2026	1
48	AI&ML	2026	Expert session on Data Analyst: Career Roadmap and Guidance	51	12-03-2026	1
49	AI&ML	2026	Enhancing interactive learning through Mentimeter ICT Tool	66	01-04-2026	1
50	AI&ML	2026	Expert Lecture on "Quantum Computing for Artificial Intelligence"	75	08-04-2026	5
51	DS	2022	Workshop on Internet of Things by Mr. B. Nagaraju and Mr. C. Srihari, Technical Trainers, APSSDC	100	03.01.2022 to 08.01.2022	2
52	DS	2022	One Day Seminar on Personality Development by Dr. Asha Latha, principal, Sree Vidyanikethan Degree College, Tirupati	65	05.01.2022	1
53	DS	2022	One day Seminar on Business Plan Preparation by Ms. Jyothsna Priya, System Analyst, TCS, Bangalore	63	08.01.2022	5
54	DS	2022	Expert Lecture on Essentials on Cloud Computing by Mr. N. Vinun Kumar, System Engineer, Infosys, Hyderabad	100	07.02.2022	2
55	DS	2022	Guest Lecture on Career Guidance and Resume Preparation by Mr. Narasimha Sai Kodavatikanti, Consultant Associate, Associate, Infor India Pvt Ltd, Hyderabad. And Mr. Jayaram SV, Digital Specialist Engineer, Infosys, Bangalore	120	14.02.2022	2
56	DS	2022	Two day workshop on Cloud Native App Development by Mr. Srinivas Kongara, Associate Manager, Accenture, Hyderabad	100	25.02.2022 and 26.02.2022	2
57	DS	2022	Internet of Things- Reality and Applications by Dr. Koppala Guravaiah, Asst. Professor, IIIT, Kottayam, Kerala	120	08.3.2022	2
58	DS	2022	Guest Lecture on Corporation Ethics by Mr. D. Uday Kiran Reddy, Senior Test Analyst, Accenture, Hyderabad	62	14.03.2022	6
59	DS	2022	SDP on Machine Learning using Python by Mr. Ch. Gopi Raju, Technical Trainer, APSSDC	120	21.03.2022 to 26.03.2022	2
60	DS	2022	A one day workshop on Data Science and its tools by Mr. Manoj Gali, Operations Placement Head, Enter AI	64	23.03.2022	5

61	DS	2022	Expert Lecture on Real Time Applications of Machine Learning by Dr. Humera Khanam, Professor, S. V. U. College of Engineering, Tirupati	120	08.4.2022	5
62	DS	2022	An Industry Talk on Salesforce Developer Catalyst Plus Trailmix by Mr. Jay Prakash, National Lead, Salesforce	300	12.04.2022	5
63	DS	2022	National Intellectual Property Literacy Week in collaboration with National Intellectual Property Awareness mission by Ms. Lavanya Madduri, and Mr. Randhir Kumar, Examiner - Patents & Designs, Indian Patent Office, Chennai	290	26.04.2022 to 28.04.2022	4
64	DS	2022	Expert Lecture on Programming with Android by Mr. S. Rajesh Reddy, Senior Consultant, Deloitte, Bangalore	63	02.05.2022	2
65	DS	2022	Expert Lecture on Cloud Platform Services by Mr. S. Muralidhar Reddy, Data Analyst, KPMG Global Services, Bangalore.	71	11.05.2022	2
66	DS	2022	Artificial Intelligence with Hands on by Dr. J. Arun Nehru, Assistant Professor (Sr. G), Department of Computer Science and Engineering, Faculty of Engineering and Technology, SRM Institute of Science and Technology,	70	14.05.2022	2
67	DS	2022	Expert Lecture on Hands on Cyber Threats by Dr. J. Naveen, Assistant Professor (S.G), Christ University, Bangalore	68	14.05.2022	2
68	DS	2022	Guest Lecture on Preparation for Competitive Exams -IELTS by Mr. T. Sai Narasimha, Senior System Engineer, Infosys, Hyderabad	59	27.05.2022	1
69	DS	2022	Alumni Talk on "PREPARATION GUIDANCE FOR IELTS" by Mr. K. Siddartha, Software Engineer, Infosys, Bangalore	73	17.06.2022	2
70	DS	2022	Expert Lecture on AWS Cloud Fundamentals by Mr. C.H. Gopi Raju, Technical Skill Trainer, Annapoorna Info Tech, Vijayawada	56	22.06.2022	2
71	DS	2022	Expert Lecture on How to build Your AR effect using Spark AR by Mr. Lakshit Pant, AR Creator, Reskill-Spark AR, Bangalore	200	24.06.2022 to 25.06.2022	2
72	DS	2022	Expert Lecture on Cyber Security Essentials by Mr. Santosh Chaluvadi, Supraja Technologies, Vijayawada	130	05.07.2022	5
73	DS	2022	Expert Lecture on Fundamentals of Microsoft Azure by Mr. U. Sandeep Reddy, Application Developer, IBM, Bangalore	60	07.07.2022	2
74	DS	2022	Expert Lecture on SAP Modules by Mr. D. Pavan Kumar, Senior Developer, SAP LABS, Bangalore and Mr. Trilok, Software Engineer-II, Microsoft, Hyderabad	73	25.07.2022	2
75	DS	2022	Guest Lecture on "CAREER GUIDANCE" by E. DHEERAJ, Alumni	50	16.08.2022	5
76	DS	2022	Guest Lecture on Duolingo Entrance exam for Masters in Abroad by Ms. B. Prathyusha, Software Engineer, Infosys, Hyderabad	64	20.08.2022	2
77	DS	2022	A one week FDP on Amazon Web Services in association with Brianovision	45	22.08.2022 to 27.08.2022	3
78	DS	2022	Guest lecture on Higher Education at Abroad by Mr. D. Bhanu Teja, Infosys, Bangalore	72	07.09.2022	5
79	DS	2022	Guest Lecture on Overseas Education by Mr. S. Padma Kiran, Manager and Mr. Kranthi Kiran, CEO, Edge Overseas Consultancy, Vijayawada	130	21.09.2022	5
80	DS	2022	Guest Lecture on Coding Techniques for Placements by Ms. G. Swetha, Software Engineer, Infosys and Ms. K. Yaseswini, Software Engineer, Wipro, Bangalore	70	26.09.2022	5
81	DS	2022	One day workshop on Practical Orientation on Big Data Technologies by Mr. K. Siva Rama Krishna, Sr. Developer-II, Open Access Technologies India Pvt. Ltd	90	27.09.2022	5

82	DS	2022	Guest lecture on Job Opportunities on Cloud Technologies by Mr. Narshimha sai, Software Engineer, Envestnet, Bangalore	68	15.10.2022	5
83	DS	2022	Guest Lecture on Tips for campus placement selection by Ms. Pragathi, and Ms. Sumanjusha,	70	26.10.2022	5
84	DS	2022	Expert Lecture on “Programming with Python” by Mr.K.Ravi, Software Engineer, Deloitte Bangalore.	65	04.11.2022	5
85	DS	2022	Guest Lecture on Job opportunities in Cloud Computing, by Ms. Sowmya, Software Developer, Infosys, Bangalore	63	05.11.2022	5
86	DS	2022	Expert Lecture on SpringBoot by Mr. S.Amareswara Varma, Software Developer, Simplify3X, Bangalore	61	22.11.2022	5
87	DS	2022	Expert Lecture on Career Opportunities in Data Analytics by Ms.P. G. Saranya, Software Engineer, Infosys Ltd, Bangalore	52	28.11.2022	5
88	DS	2022	Expert Lecture on Amazon Web Services, by Ms.D.Manasa, Software Engineer, Catalog Lead , Bangalore	64	28.11.2022	5
89	DS	2022	Guest Lecture on Awareness on Higher Education by Ms. Sharanya, Management Consultant, Accenture, Bangalore	67	29.11.2022	5
90	DS	2022	A seminar on Art of Harnessing Mind power by ISCON	120	14.12.2022	5
91	DS	2023	One Week SDP on “Innovations Through Internet of Thing”	40	30.12.2022 to 04.01.2023	2
92	DS	2023	An Expert lecture on Fundamentals of Sales Force in Business Administration by Mr. Yaswanth, Software Engineer, Wipro Pvt. Ltd, Chennai	68	10.01.2023	5
93	DS	2023	An Expert lecture on Bitcoin Price Prediction by Ms. K. Sowmya, Software Engineer, Infosys, Hyderabad	61	10.01.2023	5
94	DS	2023	An Expert lecture on Skillsets for Data Scientist by by Mr. C. Venkata Shasidhar Reddy, Data Analyst, Kyndryl Solutions Pvt. Ltd, Hyderabad	65	27.01.2023	1
95	DS	2023	A Guest Lecture on Goal Setting and Career Opportunities in IT by Mr. T. Sripal, Software Engineer, Cognizant, Bangalore	62	01.02.2023	1
96	DS	2023	A Guest Lecture on Placement Preparation by Ms. R. Chandana, Software Developer, Hexaware Technologies, Bangalore	62	01.02.2023	2
97	DS	2023	An Expert Lecture on Cyber Security: Career Opportunities by Mr. D. Sumedh (Alumni of IT), Cyber Security Analyst, Wipro, Bangalore	80	03.02.2023	5
98	DS	2023	A one Week FDP on Innovation and Product Ideation Through Intelligent IoT Systems and Analytics Sponsored by AICTE- DEA Lab, SVEC	32	06.02.2023 to 11.02.2023	3
99	DS	2023	A Guest Lecture on General Awareness on Attending Interviews by Mr. Bharath V(Alumni of IT), Manager in TCS, Bangalore	75	17.02.2023	5
100	DS	2023	A Guest Lecture on Orientation Towards Higher Studies by Mr. Charan Sai killari (Alumni of IT) Product Engineer at Edge Verve (Infosys), Bagalore	70	21.02.2023	5
101	DS	2023	A skill Development Program on AWS Cloud Computing in collaboration with APSSDC	120	01.03.2023 to 12.03.2023	1
102	DS	2023	An online Guest Lecture on Future Build with Full Stack by Ms. B. Yasmeen Shadab, Program Analyst, Cognizant, Chennai	61	3.3.2023	5
103	DS	2023	Career Development Program on “How to develop a Machine Learning Career?” for SC/ST students sponsored by AICTE-SPDP	105	10.03.2023	1
104	DS	2023	A guided learning program for students Aspiring to Corporate World or SC/ST students sponsored by AICTE-SPDP	105	15.03.2023	1

105	DS	2023	A guest lecture on Job Opportunities in Web Development and resource person Ms. P. Deepanvi, Software Engineer, HSDI, Hyderabad	64	19.03.2023	5
106	DS	2023	Awareness Program on Intellectual Property Rights (IPR) with Special Emphasis on Computer Related Inventions (CRI) Speaker: Mr. Nikhil Singh, Examiner- Patents; Designs, (Group A, Gazette), Indian Patent Office, Chennai.	300	19.04.2023	4
107	DS	2023	Guest lecture on Cyber Security Insights Speaker: Mr. Somanath Jadav, Senior Security Engineer-Tier3, Netsurion Technologies Pvt. Ltd, Bangalore	100	21.04.2023	2
108	DS	2023	An Online webinar on "Career Opportunities in Data Science" was organized under the MOU with APPMAKING.com pvt Ltd, Chennai, Speaker: Ms. BenitPrecila Joy, Lead Trainer, Appmaking. Com, Chennai	55	19.05.2023	5
109	DS	2023	A Guest Lecture on "Career Guidance - MS Program" Speaker: Mr. K. Chethan, Software Engineer, TCS, Hyderabad	60	29.05.2023	1
110	DS	2023	Two Week Skill Development Program on "Game design using Unity-3D in association with APSSDC	191	24.07.2023 to 05.08.2023	2
111	DS	2023	One day Guest Lecture on "Recruitment Process in Product based companies" by Mr. Ravi Kanth, Software Engineer, HashedIn, Hyderabad.	65	04.08.2023	5
112	DS	2023	One day Guest Lecture on "The Role of Coding skills in IT" by Ms. Fariha Lepakshi, Programmer analyst, Cognizant, Hyderabad.	60	04.08.2023	5
113	DS	2023	One day Guest Lecture on "CV Writing" by Ms. Himasree, Automation test engineer, IBM, Bangalore	59	04.08.2023	5
114	DS	2023	2nd International Conference on Data Analytics, Smart Computing and Networks (IDASCN - 2023) Dr. Dereje Yohannes Ashenafi, Associate Professor, Director for the Artificial Intelligence & Robotics Centre of Excellence, Addis Ababa Science & Technology University, Addis Ababa, Ethiopia	820	24.08.2023 to 26.08.2023	5
115	DS	2023	An Online Guest Lecture on Entrepreneurship Under Innovation Ambassador Program Dr. K. Ramani KSRM College of Engineering, Department of CSE, Kadapa	40	28.8.2023	6
116	DS	2023	An Online Guest Lecture on Entrepreneurship Under Innovation Ambassador Program Ms. C. Silpa KSRM College of Engineering, Department of CSE, Kadapa	40	28.8.2023	6
117	DS	2023	A Guest Lecture On Entrepreneurship Under Innovation Ambassador Program Ms. C. Silpa	70	29.08.2023	6
118	DS	2023	Ms. Sai Vandana, Cyber Security Analyst Accenture Security, Bangalore Karnataka, One Day Expert Lecture on Cyber Security Driven Industrial Applications	207	30.08.2023	5
119	DS	2023	One Day Expert Lecture on Cyber Security Driven Industrial Applications by Ms. Sai Vandana, Cyber Security Analyst, Accenture Security, Bangalore Karnataka	63	30.08.2023	5
120	DS	2023	Skill Development Programme on "AWS Cloud Fundamentals"	30	04.09.2023 to 09.09.2023	2
121	DS	2023	Skill Training program AWS Cloud Computing Fundamentals C Rama Krishna Trainer of APSSDC	78	04.09.2023 to 09.09.2023	2
122	DS	2023	Value Added course on Digital technologies	239	30.09.2023 to 06.11.2023	1
123	DS	2023	NSS, Swatch Bharath V. Sandeep Kumar Reddy	53	07.10.2023	1

124	DS	2023	A one day expert lecture on Python for Data Science by Dr. Senbagavalli M, Associate Professor(IT), Alliance University, Bangalore	120	29.12.2023	5
125	DS	2023	An expert lecture on Amazon Web Services by Ms. D. Manasa, Catalog Lead Amazon , Bangalore	60	28.12.2023	5
126	DS	2024	A Four week online workshop Android Study Jam GDSC Student		10.12.2023 to 20.01.2024	5
127	DS	2024	A One Day Expert Lecture, Microsoft AI Odyssey, III Year IT CSSE, CSBS, CSD, IoT & CS	100 student	24.01.2024	5
128	DS	2024	FDP, Familiarization Sessions on Filing IP in Real Time , Mr. Ravindranadh Kacharam Manager, SciTech Patent Art Services Pvt. Ltd., Hyderabad, Mr. Laxman Kale Advocate at Bombay High Court – India, Dr. K. Khaja Baseer. Associate Professor of CSE, GITAM School of Technology, GITAM (Deemed to be University), Bengaluru, Shri. C. Naveen Andrew Deputy Controller of Patents & Designs Chennai	20 Facultie	30.03.2024 to 27.04.2024	3
129	DS	2024	A Five Day Staff Development Program , Hands-on Data Analytics using Excel, Dr. A. V. Sriharsha, Professor organized by Department of Data Science, MBU, Tpty for Non Teaching	32	8.07.2024 to 12.07.2024	3
130	DS	2024	A 5 Day Workshop on Augmented Reality & Virtual Reality, Organized by APSSDC	84	30.07.2024 to 03.08.2024	2
131	DS	2024	An Out Reach Awareness Program on Clean and Green at MBU NSS UNIT, Data Science Department	70	31.08.2024	1
132	DS	2024	Out Reach Program on NSS UNIT, Data Science Department Pullaiah Gari Palli ,Chandragiri mandal Awareness Program on Aadhaar Enabled Payment System	70	04.09.2024	1
133	DS	2024	Coding Event CODES QUEST Department of Data Science 25.09.2024 II & III Years students of Data Science	55	25.09.2024	2
134	DS	2024	English proficiency SPEAK MASTER Department of Data Science 26.09.2024 II & III Years students of Data Science	60	26.09.2024	1
135	DS	2024	Extra Curricular Event FUN FEVER Department of Data Science 26.09.2024 II & III Years students of Data Science	45	26.09.2024	1
136	DS	2024	Out Reach Program on Awareness Program on Mobile Banking NSS UNIT, Data Science Department 26-09-2024 Kuchevaripalli, Chandragiri mandal	70	26.09.2024	1
137	DS	2024	Out Reach Program on Awareness Program on Digital Literacy for Dwakra Mahila sangam NSS UNIT, Data Science Department Kuchevaripalli ,Chandragiri mandal	70	28.09.2024	1
138	DS	2024	A 2 Day Workshop, Augmented Reality & Virtual Reality, Organized by XR MONK,	72	04.10.2024 to 05.10.2024	5
139	DS	2024	3rd International Conference Conference- Data Analytics, Smart Computing, and Networks IDASCN 2024, 1. Prof. Dr. DVLN Somayajulu, 2. Mr. Rama Vempati, 3. Mr. Suryanarayana Murthy, AVS, Data Science Students, Researchers, Scholars & Faculty	513	24.10.2024 to 26.10.2024	5
140	DS	2024	TAIT, Techno Math Interface, Mr. P. Bhasha, Assistant Professor	50	07.11.2024	1
141	DS	2024	A Two Day Workshop (Hands on Sessions), Robotics & IoT Applications, In association with Protionix Technology, Bengaluru, under IEEE RAS Society, MBU	88	14.11.2024 to 15.11.2024	5
142	DS	2024	TAIT, MASTERING SOFT SKILLS, Mr. P. Bhasha, Assistant Professor	50	21.10.2024	1
143	DS	2024	TAIT, CODE CARNIVAL, Mr. P. Bhasha, Assistant Professor	47	22.10.2024	2
144	DS	2024	TAIT, SCIENCE IN SPACE, Mr. P. Bhasha, Assistant Professor	50	23.10.2024	2
145	DS	2024	Out Reach Program on NSS UNIT, Data Science Department Awareness Program On E-Government Services Bandar Palli ,Chandragiri mandal	70	22.11.2024	1
146	DS	2024	IEEE Computer Society, Student Branch, MBU, LIVE CODE SHOWDOWN PROVE YOUR SKILLS, Mr. P. Bhasha, Assistant Professor	116	20.12.2024	1
147	DS	2024	Under TAIT Association, THINK IT, Mr. P. Bhasha, Assistant Professor	131	24.12.2024	1

148	DS	2024	Under TAIT Association, ROLE PLAY, Mr. P. Bhasha, Assistant Professor	78	27.12.2024	1
149	DS	2024	Technical Association of Information Technology(TAIT) ROLE PLAY, Mr. P. Bhasha, Assistant Professor	78	27.12.2024	1
150	DS	2024	HARI P V, Senior Specialist–Data Engineering at LTI Mindtree Technologies, Bangalore, India, Current Trends Industry Applications and Future Directions of Block Chain Technologies	234	28.12.2024	2
151	DS	2024	Technical Association of Information Technology(TAIT) PY QUEST, Mr. P. Bhasha, Assistant Professor	78	30.12.2024	1
152	DS	2025	IEEE Computer Society-chapter-An Ethical Dilemmas in AI: A Student-Led Discussion	35	09.01.2025	1
153	DS	2025	Technical Association of Information Technology(TAIT) Social Media Debate, Mr. P. Bhasha, Assistant Professor	78	21.01.2025	1
154	DS	2025	IEEE-RAS Society- A Guest Lecture on Business Analytics: Trends, Tools & techniques	53	23.01.2025	1
155	DS	2025	Expert Lecture on Application on ML in Industries for IBM T3-TRAINING for IBM Students, Dr. Gayathri	17	29.01.2025 to 01.02.2025	5
156	DS	2025	IEEE-RAS Society-A Guest Lecture on Insights into Digital Transformation and Product Management	45	30.01.2025	5
157	DS	2025	IEEE-RAS Society-A Guest Lecture on Data Science and Machine Learning Applications		07.02.2025	5
158	DS	2025	IEEE Computer Society-chapter-A distinguished lecture on The Future of Computing: Exploring Quantum Leaps and Incremental Advances	43	19.02. 2025	5
159	DS	2025	An outreach program on Workshop on Proper Waste Management Through the Correct Installation and Usage of Bins and Containers conducted in Kandulavari Palli on 22.02.2025 under NSS Unit by Mrs. Chengamma Chitteti, Assistant Professor under NSS Unit.	48	22.02.2025	5
160	DS	2025	IEEE-RAS Society-A Technical Competition on Mind Maze	68	07.03.2025	2
161	DS	2025	IEEE Computer Society-chapter- A Global Webinar Series - 3: Higher Studies & Career Pathways for UG Students with International Experts from Industry & Academia (Topic: Essentials: Stand Out in the Cloud Computing Job Market)	105	15.03.2025	6
162	DS	2024	Internship - Cranes Varsity	85	19-02-2024 to 23-03-2024	2
163	DS	2024	Skill Development Programme	71	23-07-2024 to 31-07-2024	1
164	DS	2024	Google Cloud Career Readiness Program-2023	86	03-03-2024 to 31-08-2024	2
165	DS	2025	SQL SHOWDOWN	92	17-10-2025	1
166	DS	2025	Legacy Lane	46	10-09-2025	1
167	DS	2025	Cyber Knowledge Arena: Rapid-Fire Security Quiz Showdown	28	11-09-2025	1
168	DS	2025	Phishing Radar: Real-Time Email & Website Detection Challenge	56	18-09-2025	2
169	DS	2025	Decrypt it Now: Instant Cryptography & code Breaking challenge	42	24-10-2025	1
170	DS	2025	GIT & GITHUB WORKSHOP	76	15-10-2025	5
171	DS	2025	A Beginner's Walkthrough into Using and Building Open Software	38	22-09-2025	1
172	DS	2025	AI Tools and Applications	19	30-06-2025 to 04-07-2025	2
173	DS	2025	App Development with FOSS Tools	72	06-11-2025	1
174	DS	2025	Code Craft	70	06-11-2025	1
175	DS	2025	Privacy Check Point: Digital Habits and Data Exposure Game	46	06-11-2025	2
176	DS	2025	Awareness on Digital Public Services	85	18-10-2025	2
177	DS	2025	SoftEng Challenge: Test Your Engineering IQ with Slido	46	07-11-2025	1
178	DS	2025	DataViz Challenge: Engaging Minds through Slido	19	07-11-2025	1
179	DS	2025	SkillSecure 2025 – Global Cyber Capacity Building Forum	28	21-10-2025 to 25-10-2025	1

180	DS	2025	Value Added Course on “Building Interactive Web Applications with React Framework”	300	17-09-2025 to 30-09-2025	2
181	DS	2025	Training program on AWS Cloud Solution Architect	206	21-09-2025	2
182	DS	2025	A Beginner's Walkthrough into Using and Building Open Software	15	22-09-2025	1
183	DS	2025	GIT&GITHUB WORKSHOP	18	15-10-2025	5
184	DS	2025	App Development with FOSS Tools	49	06-11-2025	1
185	DS	2025	International Conference	71	01-09-2025 to 02-09-2025	5
186	DS	2025	Capacity Building of Faculty on AI Tools and Innovative Pedagogical Practices in Research and Academic Efficiency	76	20-12-2025 to 03-01-2026	2
187	DS	2025	IEEE Authorship and Open Access Symposium: Tips and Best Practices to Get Published from IEEE Editors webinar	85	26-09-2025	5
188	DS	2025	Secure or Insecure?: Spot-the-Vulnerability Quickfire Round	46	24-12-2025	1
189	DS	2025	Christmas joy	21	24-12-2025	1
190	DS	2025	fdp	25	27-12-2025	3
191	DS	2025	Program Committee Member and Reviewer	354	26-09-2025 to 27-09-2025	1
192	DS	2025	Capacity Building of Faculty on AI Tools and Innovative Pedagogical Practices in Research and Academic Efficiency	11	27-12-2025	2
193	DS	2025	Report for Faculty Development Program Organized	156	20-12-2025 to 03-01-2026	3
194	DS	2025	Java Internship	119	20-05-2025	2
195	DS	2025	AWS Student Community Day Tirupati 2025	444	01-11-2025	1
196	DS	2025	Parent-teacher meeting	115	28-10-2025	1
197	DS	2026	Guest lecture on “Statistical Trends on Robotics”	156	18-02-2026	5
198	DS	2026	A webinar on “Robotics Revolution Are You Ready?”	59	23-02-2026	5
199	DS	2026	Incorporating ICT Tools in Classroom Teaching	48	25-02-2026	1
200	DS	2026	Industrial visit	40	02-01-2026	2
201	DS	2026	International conference	46	06-02-2026 to 07-02-2026	5
202	DS	2026	One Week Workshop on Generative AI Leader Certification Program – 2026	131	24-01-2026 to 29-01-2026	5
203	DS	2026	CAMPUS CODING LEAGUE	200	12-02-2026	1
204	DS	2026	LINKDIN WORKSHOP	200	13-02-2026	5
205	DS	2026	Non-tech Knockout	48	25-02-2026	1
206	DS	2026	The Career Journey	56	23-01-2026	1
207	DS	2026	ICT TOOL ON BLOOKET	86	27-02-2026	1
208	DS	2026	club	52	23-02-2026	1
209	DS	2026	ICT	58	21-02-2026	1
210	DS	2026	Incorporating ICT Tools in Classroom Teaching	76	25-02-2026	1
211	DS	2026	Mini Git Challenge	91	18-02-2026	2
212	DS	2026	A skill development program-competition	26	19-02-2026	1
213	DS	2026	An Expert Lecture on “Career Opportunities”	85	10-01-2026	5
214	DS	2026	Innovation, Entrepreneurship, and IP Excellence: A 30+ Hour Faculty & Student Development Program	147	06-02-2026 to 10-02-2026	6
215	DS	2026	Conference on Artificial Intelligence, Data Science and Computer Technology ICAIDSCT-2026	619	29-09-2026	5
216	DS	2026	ICTICT Tools in Classroom Teaching	29	21-02-2026	1
217	DS	2026	Threat Charades: Acting Out Real-World Cyber Attack Scenarios	46	17-03-2026	1

218	DS	2026	MERGE MINDS WITH GIT & GITHUB	46	05-03-2026	2
219	DS	2026	SHEvolution 2026 SheRise – Code. Recognize. Create.	85	23-02-2026	1
220	DS	2026	Quest for the final byte	19	16-03-2026	1
221	DS	2026	CyberArt Fest & Meme War	26	16-02-2026	1
222	DS	2026	HACKTHON organized-TECHCLASH	49	09-03-2026	1
223	DS	2026	TECHCLASH-Hackathon	236	09-03-2026 to 11-03-2026	2
224	DS	2026	parent teacher meeting	56	08-04-2026	1
225	ECE	2022	Guest Lecture (Industry) on Prototyping Excellence in Digital Circuits	45	08.01.2022	5
226	ECE	2022	Skill Development Program on PCB Design	74	10.01.2022 to 04.02.2022	2
227	ECE	2022	Expert Lecture on PCB Design	74	10.01.2022 to 04.02.2022	2
228	ECE	2022	Skill Development Program on Overview of Geoprocessing Using Python	18	17.01.2022 to 28.01.2022	5
229	ECE	2022	Skill Development Program on A Hands on SDP on PCB DESIGN in association with APSSDC Skill Development Center	55	17.01.2022 to 06.02.2022	2
230	ECE	2022	Expert Lecture on Awareness program on AICTE IDEA lab	66	22.01.2022	2
231	ECE	2022	Expert Lecture on Orientation session on AICTE IDEA Lab	68	03.02.2022	2
232	ECE	2022	Expert / Guest Lecture (Academia) on Next Generation Antennas- Innovation & Challenges	70	06.02.2022	3
233	ECE	2022	Skill Development Program on A HANDS ON SDP on “MACHINE LEARNING USING PYTHON	250	14.02.2022 to 05.03.2022	5
234	ECE	2022	Expert Lecture on Expert Lecture on Critical Thinking and Innovation	88	16.02.2022	2
235	ECE	2022	Guest Lecture (Industry) on Sensor Fusion automated driving	77	26.02.2022	5
236	ECE	2022	Career Counselling on Discover the Game of Life	50	27.02.2022	2
237	ECE	2022	Capacity Development Program on Jigsaw Activity on miococontroller	65	11.03.2022	5
238	ECE	2022	Guest Lecture on Entrepreneurship Awareness	70	13.03.2022	3
239	ECE	2022	Career Counselling on Discover the Innerself	50	15.03.2022	2
240	ECE	2022	Expert Lecture on Entrepreneurship From vedas	280	22.03.2022	2
241	ECE	2022	Seminar on IPR Myths and Realities	236	23.03.2022	4
242	ECE	2022	Expert Lecture on Report on Expert Lecture	230	24.03.2022	2
243	ECE	2022	Workshop (Industry) on Pursuit Planning and technologies spread	60	25.03.2022	5
244	ECE	2022	Capacity Development Program on Semiconductor VLSI and Circuit Design tools	100	07.04.2022 to 08.04.2022	5
245	ECE	2022	Capacity Development Program on Simulation of Analog Modulation Schemes Using SIMULINK	77	09.04.2022 to 14.05.2022	5
246	ECE	2022	Expert / Guest Lecture (Academia) on Opportunities and Technologies for My Career	150	22.04.2022	2
247	ECE	2022	Webinar on Webinar on Special Emphasis on Electrical, Electronics and Instrumentation related Inventions	150	27.04.2022	5
248	ECE	2022	Capacity Development Program on Hands-on training on Image Processing Concepts	30	30.04.2022	5
249	ECE	2022	Expert Lecture on Healthcare for Software Engineers	50	05.05.2022	2
250	ECE	2022	Expert Lecture on Engineering for Nation Building	100	05.05.2022	2
251	ECE	2022	Capacity Development Program on Thin Film Deposition	60	23.05.2022 to 28.05.2022	5
252	ECE	2022	SEMINAR on Entrepreneurship in IPR Filing Process	61	31.05.2022	5
253	ECE	2022	Expert Lecture on Electronic and Marine Navigation	100	11.06.2022	2
254	ECE	2022	Skill Development Program on MATLAB-SIMULINK & SIMSCAPE	43	17.06.2022 to 23.06.2022	5
255	ECE	2022	Expert / Guest Lecture (Academia) on Entrepreneurship in the Post-COVID World	50	18.06.2022	3
256	ECE	2022	Expert Lecture on Design Thinking-A Human Centric Approach	50	20.06.2022	2

257	ECE	2022	Guest Lecture on FDP on Innovation and Entrepreneurship	54	25.06.2022	3
258	ECE	2022	Workshop on Recent Trends in VLSI and Nano Electronics	100	04.07.2022 to 09.07.2022	5
259	ECE	2022	Expert / Guest Lecture (Industry) on Recent Trends in IoT and 5G Technologies	62	05.07.2022	5
260	ECE	2022	Expert / Guest Lecture (Industry) on KINTEX 7 Using EDA Tools	40	06.07.2022 to 07.07.2022	5
261	ECE	2022	Capacity Development Program on Hands on Training on Microcontroller	69	06.07.2022	5
262	ECE	2022	Expert / Guest Lecture (Industry) on Cyber security and Ethical Hacking	101	16.07.2022	5
263	ECE	2022	Capacity Development Program on Participative learning on Design Thinking tools	24	22.07.2022 to 29.07.2022	5
264	ECE	2022	Expert / Guest Lecture (Academia) on Beyond Nyquist: Compressive sensing and sparse signal recovery	68	23.07.2022	2
265	ECE	2022	Expert / Guest Lecture (Industry) on Research & Innovations in VLSI System Design-CTS	80	23.07.2022	2
266	ECE	2022	Expert Lecture on Converting Innovation into Start-Up	128	25.07.2022	2
267	ECE	2022	Expert Lecture on Start-Up Through Design Thinking organized by IIC	50	25.07.2022	2
268	ECE	2022	Skill Development Program on PCB Design and Fabrication using 3D Printing	21	28.07.2022 to 30.07.2022	2
269	ECE	2022	Skill Development Program on PCB Design and Fabrication using 3D Printing	20	28.07.2022 to 30.07.2022	2
270	ECE	2022	Expert Lecture on Accelerators/Incubation- Opportunities for Students & Faculty- Early Stage Entrepreneurs"	43	02.08.2022	2
271	ECE	2022	Capacity Development Program on Space on Wheels event organized in collaboration with ISRO-SHAR	100	10.08.2022	5
272	ECE	2022	Career Counselling on Awareness on career guidance	50	11.08.2022	2
273	ECE	2022	Capacity Development Program on Fishbowl Activity on Digital Logic Design	70	13.08.2022	2
274	ECE	2022	Workshop (Industry) on Basics of Remote Sensing, Geographic Information System and Global Navigation Satellite System	12	22.08.2022 to 25.11.2022	5
275	ECE	2022	Expert / Guest Lecture (Industry) on Machine Learning Techniques in Communications and Signal Processing	77	02.09.2022	1
276	ECE	2022	Career Counselling on Awareness program on future education for school child	50	21.09.2022	2
277	ECE	2022	Career Counselling on Discover the lasting solution	45	22.09.2022	2
278	ECE	2022	Career Counselling on People Energize Speaker	72	13.10.2022	2
279	ECE	2022	Expert Lecture on Demystifying Career Dilemmas	53	15.10.2022	2
280	ECE	2022	Expert Lecture on VLSI Industry Trends and Opportunities	68	22.10.2022	2
281	ECE	2022	Capacity Development Program on Skill Development Program on PCB Design, Fabrication and 3D printing	31	25.10.2022 to 30.10.2022	2
282	ECE	2022	I & E / Skill Development Program on Skill Development Program on Design and Prototyping using PCB	35	21.11.2022 to 26.11.2022	2
283	ECE	2022	Capacity Development Program on Design and prototyping using PCB	30	21.11.2022 to 26.11.2022	2
284	ECE	2022	Career Counselling on Securing Best Placements through Student Startups	100	22.11.2022	6
285	ECE	2022	Capacity Development Program on Entrepreneurship awareness	50	03.12.2022	3
286	ECE	2022	Capacity Development Program on Workshop on "3I-Ideation, Incubation & Innovation" , AICTE IDEA Lab	42	07.12.2022 to 09.12.2022	3
287	ECE	2022	Expert Lecture on Road Map for ECE Core Jobs	100	08.12.2022	2
288	ECE	2022	Expert Lecture on Image Processing computer vision and Artificial intelligence	75	09.12.2022	2
289	ECE	2022	Career Counselling on Skills required for ECE students in IT Industry	70	09.12.2022	5
290	ECE	2022	Career Counselling on CAREER COUNSELING	30	14.12.2022	2
291	ECE	2022	Expert / Guest Lecture (Academia) on Design Thinking for urban Transformation	100	15.12.2022	2

292	ECE	2023	Guest Lecture on Career Opportunities through GATE Exam	100	04.01.2023	2
293	ECE	2023	Boot Camp on Design, Modeling and Fabrication using Wood Router and laser cutter	30	06.01.2023 to 12.01.2023	2
294	ECE	2023	Skill development program on Industrial Research Opportunities in Nano Electronic Devices	40	12.01.2023	2
295	ECE	2023	Expert Lecture on Recent Advancements in Electronics and Applications	50	24.01.2023	2
296	ECE	2023	FDP on Geodata Processing using Python	4	20.02.2023 to 24.02.2023	3
297	ECE	2023	Expert Lecture on CHATGPT: Unleashing Engineers Career Growth	90	05.03.2023	2
298	ECE	2023	Value Added Course on Leading Edge Technologies	44	14.03.2023	1
299	ECE	2023	Student Development Program Digital Modulation Schemes using SIMULINK – A Hands-On Approach	150	22.05.2023 to 07.06.2023	5
300	ECE	2023	Expert Lecture on Navigating the Indian Constitution	120	22.05.2023	2
301	ECE	2023	Seminar on Innovation for Sustainability	60	31.05.2023	3
302	ECE	2023	Stream Specific on Cutting Edge Technologies for Innovation	45	14.06.2023 to 20.06.2023	3
303	ECE	2023	VALUE ADDED COURSE on Innovative Advances in Secure Intelligence Intelligent Systems	42	22.07.2023 to 04.11.2023	1
304	ECE	2023	Skill development program on Communicating Transferable and Life skills	48	24.07.2023 to 29.07.2023	1
305	ECE	2023	Student Development Program on Advances in Secure Intelligent Systems-AICTE IDEA Lab	60	31.07.2023 to 05.08.2023	2
306	ECE	2023	Expert Lecture on “Innovative Advances in Internet of Things	60	02.08.2023	2
307	ECE	2023	Expert Lecture on Awareness program on “Embedded systems and IoT	60	03.08.2023	2
308	ECE	2023	Guest Lecture on Awareness program on “Embedded systems and IoT	65	04.08.2023	2
309	ECE	2023	FDP on Satellite meteorology applications in weather and climate studies	3	07.08.2023 to 11.08.2023	3
310	ECE	2023	Stream Specific on Sensor Design and Its Applications	60	18.08.2023 to 01.09.2023	2
311	ECE	2023	Workshop on Workshop on Ddesign thinking and product innovation	21	18.08.2023 to 19.08.2023	2
312	ECE	2023	Expert Lecture on CHATGPT: Unleashing Engineers Career Growth	100	24.08.2023	2
313	ECE	2023	Seminar on Innovation and Entrepreneurship in India	60	01.09.2023	3
314	ECE	2023	Guest Lecture on Achieving scientific goals with SPACE Technologies	91	09.09.2023	2
315	ECE	2023	Expert Lecture on Integration of research, Innovation and Entrepreneurship in Academic Institutions and Economic Growth of Country	60	22.09.2023	2
316	ECE	2023	Expert Lecture on Application of Design Thinking Tools and Approach for Right Problem Identification and Solution Development	60	22.09.2023	2
317	ECE	2023	Workshop on Innovative Product Design for Startups	60	25.09.2023 to 30.09.2023	2
318	ECE	2023	Value added course - Hands on Training on COMSOL Multiphysics	50	17.10.2023 to 18.11.2023	1
319	ECE	2023	Expert Lecture on Advanced Kalman Filtering for Target Tracking	87	17.10.2023	2
320	ECE	2023	Skill development program on Simulation tools for Smart Medical Imaging	50	17.10.2023 to 18.11.2023	2
321	ECE	2023	SDP- Skill development program on Drone design and aviation	50	21.10.2023 to 18.11.2023	2
322	ECE	2023	FDP on Remote sensing based data analytics in Agriculture	4	26.10.2023	3
323	ECE	2023	Expert Lecture on Contemporary AI trends	100	07.11.2023	2
324	ECE	2023	Expert Lecture on Insights on Biomedical Instruments and Future Opportunities	100	10.11.2023	2
325	ECE	2024	Expert lecture on Career Journey Exploration	200	5.3.2024	2
326	ECE	2024	Expert lecture on Higher education and career opportunities	200	26.03.2024	2
327	ECE	2024	Skill Development program- One week FDP on Embedded Systems and Robotic Process Automation	30	24.05.2024 to 29.05.2024	3
328	ECE	2024	Expert lecture on Innovations in Digital Logic	30	9.5.2024	2
329	ECE	2024	Virtual Ventures: Online Entrepreneurship Essentials for Engineers	50	02.07.2024 to 14.07.2024	3
330	ECE	2024	I & E / Skill Development Program on Generative AI – Transforming Education and Research	53	08.07.2024 to 12.07.2024	2

331	ECE	2024	Expert lecture on Integral Balance: Physical, Mental, Emotional, Intellectual, and Spiritual Growth with Sandhi Dhyanam Kriya Yoga	40	11.7.2024 to 13.7.2024	2
332	ECE	2024	Design Thinking and Community- Based Design	12	15.07.2024 to 15.10.2024	2
333	ECE	2024	Expert lecture on The Impact of Generative AI on Business and Society	55	29.07.2024	2
334	ECE	2024	Expert lecture on Machine Learning in Urban Safety: Identifying Risk Ones with Data	45	10.08.2024	2
335	ECE	2024	Expert lecture on Semiconductor Industry Opportunities for Physical Design Automation	65	19.09.2024	2
336	ECE	2024	skill development on Role of Entrepreneurs for Sustainable Development through Innovation and Circular Economy	60	23.09.2024 to 28.09.2024	5
337	ECE	2024	Expert lecture on Aareness on AI in Everyday Life	40	27.09.2024	2
338	ECE	2024	Expert lecture on Connecting students to semiconductor industry	70	4.11.2024	2
339	ECE	2024	Expert lecture on Unpacking the Power of 5G and Future Networks	57	6.11.2024	2
340	ECE	2024	Expert lecture on Mastering VLSI Design – Demystifying the Career Queries in VLSI Industry	60	14.11.2024	2
341	ECE	2024	Expert lecture on Innovation Unlocked: A Journey through Emerging Technologies	58	16.11.2024	2
342	ECE	2024	Expert lecture on Mastering the Cutting Edge of IT Technologies	40	22.11.2024	2
343	ECE	2024	Expert lecture on Unlocking Career Opportunities With an MBA After B.TECH	40	2.12.2024	2
344	ECE	2024	Expert lecture on Harnessing the Power of Generative AI and Multimodal Learning in Modern Applications	30	5.12.2024	2
345	ECE	2025	Industrial Visit to Indus Coffee Pvt. Ltd. located in Sri City	40	24.02.2025	2
346	ECE	2025	Industrial Visit to National Atmospheric Research Laboratory	50	21.03.2025	2
347	ECE	2025	Industrail Visit to Blue Star, Sri City	50	17.02.2025	2
348	ECE	2025	IE-Com 2025 - International Conference Intelligent Electronics and Communication Devices	300	12.03.2025 & 14.03.2025	1
349	ECE	2025	Expert Lecture - Startegies for Effecincy and Agility Business	50	05.04.2025	2
350	ECE	2025	Prototype / Process Design and Development – Prototyping	120	10.04.2025 & 11.04.2025	2
351	ECE	2024	Expert talk on Awareness on Robotic Assisted Surgery	31	06-12-2024	5
352	ECE	2024	SDG ACTIVITY FOR JULYMONTH,2025	56	27-02-2025	1
353	ECE	2024	Empower her code: one day tech monitoring	45	01-04-2025 to 22-04-2025	1
354	ECE	2024	Alumini Meet	85	19-09-2025	1
355	ECE	2024	SDG	46	19-09-2025	1
356	ECE	2025	Seminar	51	23-12-2025	5
357	ECE	2025	Value added course	201	22-09-2025 to26-09-2025	1
358	ECE	2025	6G and Beyond: The Future of Wireless Communication	83	22-10-2025	1
359	ECE	2025	AI - ARMAGEDDON	49	14-10-2025	2
360	ECE	2025	Guest Lecture	56	13-10-2025	5
361	ECE	2025	BOOT CAMP	43	25-10-2025	1
362	ECE	2025	WORKSHOP ON AIML	121	24-11-2025	5
363	ECE	2025	Capacity Development	51	17-10-2025	1
364	ECE	2025	Achieving Success in GATE: Learn from the Topper seminar	50	01-04-2025 to 04-11-2025	5
365	ECE	2025	Indusrila visit	26	31-10-2025 to 02-11-2025	2
366	ECE	2025	Guest Lecture	46	25-10-2025	5
367	ECE	2025	Guest Lecture	41	07-11-2025	5
368	ECE	2025	INTERNSHIPS	86	31-10-2025	2
369	ECE	2025	3rd International Conference on Intelligent Electronics and Communication Devices	84	18-12-2025	5

370	ECE	2025	Industrial Visit	92	12-05-2025	2
371	ECE	2025	Guest Lecture	46	15-10-2025	5
372	ECE	2025	Expert talk	48	09-09-2025	5
373	ECE	2025	Guest Lecture	36	18-12-2025	5
374	ECE	2025	Awareness Session on Emerging Technologies and Digital Innovation	72	16-10-2025	2
375	ECE	2025	Oriental Session on World Student's Day	290	01-12-2025	1
376	ECE	2025	Career counselling	73	23-10-2025	1
377	ECE	2025	Ethical Frontiers in Research: Navigating Challenges & Best Practices	45	27-12-2025	1
378	ECE	2025	Inclusive Practices in Student Development	29	12-11-2025	1
379	ECE	2025	Reflecting on a Year of Gender Progress	86	06-09-2025	1
380	ECE	2025	From Campus to Corporate: Alumni Success Stories	42	10-11-2025	1
381	ECE	2025	Alumnus interacting with faculty members	81	23-10-2025	1
382	ECE	2025	Gender Advocacy Through Art and Literature	62	17-10-2025	1
383	ECE	2025	Swatch Campus Campaign	36	25-09-2025	2
384	ECE	2025	Mobilizing Men For Campus Inclusion	95	17-11-2025	1
385	ECE	2025	ACTIVITY ON DESIGN THINKING FOR GENDER INCLUSION	74	07-10-2025	1
386	ECE	2025	Equity strategies in campus leadership	71	24-12-2025	1
387	ECE	2025	SDG on "Balance the Scale: Gender Equity Week Challenge"	52	21-04-2025	1
388	ECE	2025	SDG on "Equal voices: campus dialogue on Gender Equality"	66	28-02-2025	1
389	ECE	2025	SDG	62	11-05-2025	1
390	ECE	2025	SDG	42	14-08-2025	1
391	ECE	2025	World Creativity and Innovation day	296	09-05-2025	1
392	ECE	2025	National Science Day	72	12-11-2025	1
393	ECE	2025	National Technology Day	85	23-07-2025	1
394	ECE	2025	SDG	19	13-10-2025	1
395	ECE	2025	Reviewer	56	28-07-2025	1
396	ECE	2025	SDG	82	26-12-2025	1
397	ECE	2025	SDG	46	15-09-2025	1
398	ECE	2025	Quantum Cryptography: The Future of Secure Communication	19	12-11-2025	1
399	ECE	2025	Promoting Inclusive and Equitable Healthcare	29	05-11-2025	1
400	ECE	2025	Medical Ethics and Gender Inclusion	28	21-07-2025	1
401	ECE	2025	SDG	60	06-08-2025	1
402	ECE	2025	Student development Program	201	14-11-2025	1
403	ECE	2025	CHALLENGING NORMS THROUGH SOCIAL MEDIA NARRATIVES	83	01-12-2025	1
404	ECE	2025	SDG	49	16-09-2025	1
405	ECE	2025	Electro-Techno Quiz (Technical Quiz) Event	56	24-12-2025	2
406	ECE	2025	SDG	43	16-06-2025 to 17-06-2055	1
407	ECE	2025	SDG	121	20-09-2025	1
408	ECE	2025	sdg	51	06-09-2025	1
409	ECE	2025	No.of Ph.Ds per guide	50	27-10-2025	1
410	ECE	2025	TWO DAYS WORKSHOP ON IPR and IP Management for start ups	26	15-09-2025	4
411	ECE	2025	Swachh Campus Campaign	46	17-11-2025	2
412	ECE	2025	Swachh Campus Campaign	41	18-12-2025	2

413	ECE	2025	AOne-Day Technical Talk on Your Idea to Your Board: Exploring the Power of KiCad	86	14-10-2025	2
414	ECE	2025	Dream. Dare. Disrupt: The Entrepreneurial Engineer's Journey	84	28-07-2025	6
415	ECE	2025	Seminar	92	26-12-2025	5
416	ECE	2025	Bamboo for a carbon- free tomorrow	46	15-09-2025	1
417	ECE	2025	organized- capacity development	48	12-11-2025	1
418	ECE	2026	Guest Lecture	36	08-01-2026	5
419	ECE	2026	FDP	72	16-02-2026 to 28-02-2026	3
420	ECE	2026	"Online safety and student well-being"	131	12-02-2026	1
421	ECE	2026	Guest Lecture	200	25-02-2026	5
422	ECE	2026	SDG 1 Scholarship Design for Underrepresented Students	200	25-02-2026 to 25-03-2025	1
423	ECE	2026	The Empowered Researcher	48	27-01-2026	1
424	ECE	2026	SDG	56	27-01-2026	1
425	ECE	2026	INK TECH 2025: Technical Blogging & Content Writing Event	86	30-12-2026	2
426	ECE	2026	Wireless Sensor Node Building with Bluetooth	52	27-01-2026	1
427	ECE	2026	Design & Fabrication of Low-Cost Analytical Devices	58	20-02-2026	1
428	ECE	2026	Swatchh Campus Campaign	76	03-01-2026	2
429	ECE	2026	Expert Lecture	91	16-03-2026	5
430	ECE	2026	SDG Activity	26	18-02-2026	1
431	ECE	2026	SDG	85	18-03-2026 to 23-03-2026	1
432	ECE	2026	ElectroChain: An ICT-Enabled Dumsharts Challenge for Active Learning	147	16-03-2026	2
433	ECE	2026	Visibility of women in STEM Publications(SDG 5)	619	14-03-2026	1
434	ECE	2026	ICT Tool usage	29	25-03-2026	1
435	ECE	2026	Problem-Solving Based Learning	46	25-03-2026	1
436	ECE	2026	Seminar Organized	46	23-01-2026	5
437	ECE	2026	Guest Lecture	85	26-03-2026	5
438	ECE	2026	Expert Lecture	63	23-12-2026	5
439	ECE	2026	ict tool	12	17-02-2026	1
440	ECE	2026	Administrative Training for ECM Curriculum Design – MBU26 Framework	43	28-03-2026	2
441	ECE	2026	Administrative program for teaching staff	41	28-03-2026	1
442	ECE	2026	expert lecture	85	30-03-2026	5
443	ECE	2026	ICT tools	23	23-03-2026	1
444	ECE	2026	Expert Lecture organized	37	25-03-2026	5
445	ECE	2025	IPR and IP Managemnt for Start Up's	100	16.06.2025 & 17.06.2025	4
446	EEE	2022	An Expert lecture on Product Life Cycle Development	90	22.01.2022	5
447	EEE	2022	A Webinar on BETI BACHAO BETI PADHAO	101	24.01.2022	1
448	EEE	2022	An Expert lecture on Power Electronics Applications in Transportation	95	26.01.2022	2
449	EEE	2022	A Webinar on Cancer Prevention and Healthy Lifestyle	170	02.02.2022	1
450	EEE	2022	A Seminar on Soft Skills and Career Development	150	25.02.2022	5
451	EEE	2022	An Industry oriented Expert Lecture on Motor Control for Electric vehicles	103	09.03.2022	2
452	EEE	2022	An expert lecture on Power System Protection	95	17.03.2022	5
453	EEE	2022	An Expert lecture on Career in IT & Opportunities at Infosys.	200	22.04.2022	5
454	EEE	2022	An Expert lecture on "Innovation and Entrepreneurship"	120	29.04.2022	4

455	EEE	2022	An expert lecture on Technical Careers in ICC Urban	93	30.04.2022	1
456	EEE	2022	An Expert lecture on Career Orientation Session on Gate-Way to higher Education and Career Opportunities through GATE	233	05.05.2022	1
457	EEE	2022	Awareness program on Safety During Crisis through Disha App	1500	13.05.2022	1
458	EEE	2022	An expert lecture on Energy crisis in India	150	24.05.2022	1
459	EEE	2022	An industry oriented Expert Lecture on "Nuclear Energy - A Carbon Free Roadmap to Future"	120	07.06.2022	2
460	EEE	2022	An expert lecture on "Yoga for Humanity"	250	21.06.2022	1
461	EEE	2022	An expert lecture on Electrical and Electronics Systems in Vehicular Technology	68	17.09.2022	2
462	EEE	2022	Technological Innovations in Electric Vehicle	29	19.11.2022	2
463	EEE	2022	3I – Ideation, Innovation, and Incubation	41	07.12.2022	2
464	EEE	2022	Multilevel Inverters for Renewable Energy Systems	35	10.12.2022	5
465	EEE	2022	Concept to FAT of Vision-Based Medical Implant System with feedback using ML (A Model-Based Approach)	120	29.12.2022	5
466	EEE	2022	Advanced Energy Management Strategies for Fuel Cell Vehicles	120	30.12.2022	2
467	EEE	2022	The Core of Emerging and Using Artificial Intelligence Approaches	120	31.12.2022	2
468	EEE	2023	Importance of IEEE Organizational and Societal Memberships	33	09.02.2023	1
469	EEE	2023	Women in Leadership	35	13.02.2023	1
470	EEE	2023	Effect of Hormonal imbalance on Women's Health and Fitness	35	14.02.2023	1
471	EEE	2023	How to beat your Stress	35	15.02.2023	1
472	EEE	2023	Women Innovation and Entrepreneurship	35	15.02.2023	1
473	EEE	2023	Reshaping Gender Attitudes to promote Gender Equality and Women Empowerment	30	17.02.2023	1
474	EEE	2023	A skill development program on competitive coding	139	27.03.2023	5
475	EEE	2023	Skill Development Program on Python	57	27.03.2023 to 08.04.2023	5
476	EEE	2023	One week FDP on Intellectual Property Rights (IPR) MBU IPR Cell	30	17.04.2023 to 22.04.2023	3
477	EEE	2023	Intellectual Property Rights (IPR) with "Electrical, Electronics, Communication and Instrumentation related inventions"	346	18.04.2023	4
478	EEE	2023	Project Expo	27	02.05.2023	1
479	EEE	2023	Industry expert lecture on present job opportunities in electrical companies like ABB, GE, L&T, Amaron etc.	48	07.05.2023	1
480	EEE	2023	Recent Trends in Solar Powered Agro-Appliances	52	10.05.2023	2
481	EEE	2023	Awareness program on Women's Health & Wealth	30	15.05.2023	1
482	EEE	2023	Webinar on Health is wealth	36	18.05.2023	1
483	EEE	2023	Industry expert lecture on the importance of learning of latest technologies useful in upgrading of job life	75	20.05.2023	1
484	EEE	2023	A Two-Day Workshop on "Exploring IDEA Lab facilities for Innovations"	20	26.05.2023 to 27.05.2023	2
485	EEE	2023	workshop on "Yoga to de-stress and increase the productivity for working professionals"	30	20.06.2023	1
486	EEE	2023	Skill development program on "Empowering Professional and soft skills"	25	10.07.2023 to 14.07.2023	5
487	EEE	2023	Guest Lecture on Career opportunities through GATE exam	30	21.07.2023	1
488	EEE	2023	Initial Confronts at software for Electrical Graduates	50	27.07.2023	5
489	EEE	2023	An Expert Lecture on Application of Android Apps in Automobile	85	07.08.2023	5
490	EEE	2023	A Student Development Program "INTERNET OF THINGS INDUSTRY 4.0	40	09.08.2023 to 26.09.2023 (Saturdays)	1
491	EEE	2023	An Expert Lecture on Accelerating the Motor Development using FEM Simulation	147	19.08.2023	5
492	EEE	2023	Value Added Course On Embedded System Application towards Innovation	68	01.08.2023 to 26.08.2023	1

493	EEE	2023	Certified Training Programs in relevance to “Solar Photo Voltaic Systems	60	18.08.2023, 19.08.2023 and 24.08.2023	1
494	EEE	2023	Skill Development Program “Electrical Home Foundation	64	19.08.2023 to 31.08.2023	5
495	EEE	2023	Skill Development Program “Electrical Home Foundation	64	15.09.2023 to 31.09.2023	5
496	EEE	2023	Certified Training Programs in relevance to “Solar Photo Voltaic Systems	60	05.10.2023, 06.10.2023 and 07.10.2023	1
497	EEE	2023	Certified Training Programs in relevance to “Solar Photo Voltaic Systems	60	12.10.2023 to 14.10.2023	1
498	EEE	2023	Certified Training Programs in relevance to “Solar Photo Voltaic Systems	60	26.10.2023 to 28.10.2023	1
499	EEE	2023	An Industry Oriented Expert Lecture on The Role of Multi-Fuel Generator in Modern Power Grid: Operation, Control and Maintenance	65	30.10.2023	5
500	EEE	2023	Certified Training Programs in relevance to “Solar Photo Voltaic Systems	60	02.11.2023 to 04.11.2023	1
501	EEE	2023	Expert Lecture on Career opportunities & Professional Upgradation in the competitive world	230	03.11.2023	1
502	EEE	2023	Skill Development Program “Electrical Home Foundation	62	06.11.2023 to 22.11.2023	5
503	EEE	2023	Certified Training Programs in relevance to “Solar Photo Voltaic Systems	60	07.11.2023 to 09.11.2023	1
504	EEE	2023	One Week Faculty Development Program On “From Ideas to Assets through Intellectual Property Rights	30	04.12.2023 to 09.12.2023	3
505	EEE	2023	Expert Lecture on Design and Flow Analysis for a cage value configured for gas turbine.	80	08.12.2023	5
506	EEE	2023	Expert Lecture on Finite Element Analysis Permanent Magnet Switched Reluctance Motor for Electrification Systems	40	12.12.2023	5
507	EEE	2024	Expert Lecture on Power Converter	20	05.02.2024	5
508	EEE	2024	Expert Lecture on Cube Sat Technology	150	22.03.2024	5
509	EEE	2024	Expert Lecture on Switched capacitor based multi level inverter	120	23.03.2024	5
510	EEE	2024	Expert Lecture on Energy Management Systems	90	24.03.2024	5
511	EEE	2024	APSSDC-Skill development program	45	06.08.2024 to 17.08.2024	5
512	EEE	2024	One week Hands on Workshop on advanced analog Electronic Circuit design	30	01.10.2024 to 08.10.2024	5
513	EEE	2024	A Seminar on IEEE my Professional Home	50	05.10.2024	5
514	EEE	2024	A Seminar on Values & Virtues of IEEE	50	05.10.2024	5
515	EEE	2024	Expert Lecture from Industry on Electric Vehicle	20	09.10.2024	5
516	EEE	2024	One week Hands on Workshop on advanced analog Electronics basic application Design	20	14.10.2024 to 19.10.2024	5
517	EEE	2024	Expert Lecture on Application of AI Technics in Electrical Engineering	15	14.11.2024	5
518	EEE	2024	Expert Lecture on Power Electronic Trends in Automotive and aerospace Applications	20	07.12.2024	5
519	EEE	2024	Expert Lecture on Recent Trends in Photovoltaic Systems	11	08.12.2024	1
520	EEE	2024	An Expert lecture on “Engineering the Future: EEE Applications in Jio's Telecom Revolution	30	30.12.2024	1
521	EEE	2025	Wellness Program on “WOMEN EMPOWERMENT AND HEALTH CARE	20	25.01.2025	1
522	EEE	2025	Healthy Periods & Happy Uterus	250	25.01.2025	1
523	EEE	2025	Career Awareness Program on Central and State Government Jobs	50	15.02.2025	1
524	EEE	2025	A Workshop on “Microgrids: Design, Operation, and Challenges	45	19.02.2025	5
525	EEE	2025	An expert lecture on “Electric Vehicle (EV) Charging Infrastructure and Grid Impact”	45	20.02.2025	5
526	EEE	2025	Expert lecture conducted on Power Transformers	300	4.04.2025	1
527	EEE	2025	An Expert lecture on Empowering girl students on developing “conceptual behavior	40	18.03.2025	5
528	EEE	2025	5 Days Workshop on "Inspiring Change Women's Voices in Action - WOMEN HEALTH AWARENESS PROGRAM-1st Day	250	24.02.2025	5

529	EEE	2025	5 Days Workshop -Online Webinar Women's Health and Wellness - 2nd Day	43	25.02.2025	5
530	EEE	2025	5 Days Workshop- Women in STEM who are Breaking Stereotypes and Achieving Greatness-3rd Day	21	26.02.2025	5
531	EEE	2025	5 Days Workshop - A seminar on Women Entrepreneurship and Startups-4th Day	44	27.06.2025	5
532	EEE	2025	5 Days Workshop Webinar on Physiotherapy: Its Advantages and Need for Women in Daily Life-5th Day	20	28.06.2025	5
533	EEE	2025	One Week Hands-on Workshop on Interdisciplinary Embedded IoT Systems for Innovation in Connected Technologies	46	07-07-2025 to 11-07-2025	5
534	EEE	2025	Energy Conservation Pledge	28	26-03-2025	1
535	EEE	2025	Renewable Energy Career Talks	46	23-04-2025	1
536	EEE	2025	International expert talk on “Hybrid Supercapacitor Technologies Based on Advanced Electroactive Materials for Electric Vehicles and Energy Storage Applications”	62	14-07-2025	5
537	EEE	2025	Industrial visit	85	11-04-2025	2
538	EEE	2025	Exploring AI-Powered Tools for Content Creation and Data Analysis	21	24-06-2025 to 28-06-2025	2
539	EEE	2025	Expert Lecture on “Innovations in Cyber Physical Systems”	84	01-09-2025	5
540	EEE	2025	Expert Talk onExploring Control Aspects of Higher Order Systems	62	19-07-2025	5
541	EEE	2025	EXPERT TALK & CAREER GUIDANCE ON “CARRER PATHS IN ENERGY & ELECTRICAL SYSTEMS THROUGH DATA ANALYTICS”	19	12-09-2025	5
542	EEE	2025	Importance of AI in Electrical Engineering	38	01-09-2025	2
543	EEE	2025	International Expert Talk on “Building the Core Values”	41	06-08-2025	5
544	EEE	2025	Guest Lecture On “ELECTRIC PROPULSION SYSTEMS”	64	24-10-2025	5
545	EEE	2025	MBU - CII Connects on Health Care	150	28-11-2025	1
546	EEE	2025	“AI Tools to Smart Staff”	63	08-12-2025 to 12-12-2025	2
547	EEE	2025	MBU Alumni Interaction Series Dr. Madhu Chandra Popuri (Alumnus of Batch 1997-2001)	12	13-11-2025	1
548	EEE	2025	Alumni Insights on Careers in the Power & Energy Domain	43	24-12-2025	2
549	EEE	2025	Outreach Program on Women’s Health, Hygiene, and Community Cleanliness	41	03-01-2026	1
550	EEE	2025	Industrial Visit of AP TransCo, 400KV/220kV Substation, Kalikiri.	85	01-11-2025	2
551	EEE	2025	“AI Tools to Smart Staff”	23	08-12-2025 to 12-12-2025	2
552	EEE	2025	An Expert Lecture on "Managing IPR for Successful Technology Commercialization and Transfer"	37	24-01-2026	4
553	EEE	2025	An Expert Lecture on "Managing IPR for Successful Technology Commercialization and Transfer"	46	24-01-2026	4
554	EEE	2025	International Conference	28	05-11-2025 to 07-11-2025	5
555	EEE	2025	SAMARTHA 2025 - A 36 Hrs National Level Hackathon	46	24-10-2025to 26-10-2025	2
556	EEE	2026	Outreach Program on Women’s Health, Hygiene, and Community Cleanliness	62	03-01-2026	1
557	EEE	2026	Five days ONLINE workshop on Introduction to Robotic Process Automation and Artificial Intelligence	85	16-02-2026 to 20-02-2026	5
558	EEE	2026	PATENT PUBLICATION	21	05-02-2026 to 20-02-2026	4
559	EEE	2026	Vuddanda 3MW Solar Power Plant	84	01-11-2025	1
560	EEE	2026	Gudipati Maheswari	62	13-02-2026	1
561	EEE	2026	SDG Implementation Initiation Activity	19	28-02-2026	1
562	EEE	2026	Expert talk	38	31-10-2025	5
563	EEE	2026	Echoes of Freedom Inspiring Patriotism Through the Lives of Freedom Fighters	41	24-01-2026	2

564	EEE	2026	The Role of Digital Literacy in Enhancing Daily Life, Agriculture, and Education in Rural Areas	63	25-02-2026	2
565	EEE	2026	International Conference on “Energy, Control, Computing & Electronics Systems”	12	03-12-2025 to 05-12-2025	5
566	EEE	2026	Two Days “IEEE PES Energy Innovation Summit 2026”	43	10-03-2026 to 11-03-2026	1
567	EEE	2026	Skill Development and Employability Activity “One-Day Workshop on Solar PV Installation, Design and Startup Opportunities – A Practical Bootcamp”	41	12-03-2026	6
568	EEE	2026	Expert Lecture on “Detection of High Impedance Faults in Distribution Networks”	85	13-03-2026	5
569	EEE	2026	Expert lecture	37	13-03-2026	5
570	EEE	2026	Lecture-Based Teaching–Learning	46	17-03-2026	5
571	EEE	2026	IEEE PES/PELS/IAS Joint Chapter Student Congress	28	04-10-2025	1
572	EEE	2026	Parent teacher meet and Achiever's Day Celebration	46	14-05-2025	1
573	EEE	2026	Modernising Career Portfolios: AI-Driven Resume Building	62	14-03-2026	2
574	EEE	2026	Different ICT Tools (in Percentage) Both Pedagogy and Modern tools usage	85	18-03-2026	1
575	EEE	2026	Skill Development Program on “E-Spark – Ignite Your Learning with ChatGPT & Google Colab”	21	29-01-2026	1
576	EEE	2026	Skill Development Program on “Science Arena”	84	27-02-2026	1
577	EEE	2026	Value Added Course on QUICK TALK	62	07-11-2025	1
578	EEE	2026	One Week Hands-on Workshop on Interdisciplinary Embedded IoT Systems for Innovation in Connected Technologies organized	19	07-07-2025 to 11-07-2025	5
579	EEE	2026	Student Development Program on Robotic Process Automation and Artificial Intelligence (Innovation & Emerging Technologies)”	38	16-02-2026 to 21-02-2026	1
580	EEE	2026	“One-Day Workshop on Basics of Electrical Networks and Their Real-Time Applications”	41	18-03-2026	5
581	EEE	2026	“ Lecture-Based Teaching–Learning”	63	19-02-2026	5
582	EEE	2026	A Expert Talk on “Winning Strategies for Indian Railways Competitive Exams” Organized (Under Carrer counselling)	12	14-03-2026	5
583	EEE	2026	Skill Development and Capacity Building Activities on PSIM for Power Electronics Simulation	43	30-03-2026	1
584	EEE	2026	A Expert Talk on “Winning Strategies for Indian Railways Competitive Exams” Organized (Under Carrer counselling)	41	14-03-2026	5
585	EEE	2026	Skill Development program	85	26-03-2026	1
586	EEE	2026	Bridge Course on Fundamentals of MATLAB for Engineering applications	23	25-03-2026	1
587	EEE	2026	From Basics to Advanced: Electrical Lab Excellence Program Workshop	37	16-03-2026 to 24-03-2026	5
588	EEE	2026	Personality development program for non-teaching staff	46	23-03-2026 to 28-03-2026	1
589	EEE	2026	Industrial visit to 33 kV/11 kV Substation, APSPDCL, A. Rangampet, Chandragiri, Tirupati	28	31-03-2026	2
590	EEE	2026	Student Presentations on Societal Problems and Sustainable Solutions	46	11-03-2026	2
591	EEE	2026	A Expert Talk on “Employability and Career Trends for Electrical Engineers in the United Kingdom” - Organized (Under Carrer counselling)	62	23-02-2026	6
592	EEE	2026	“Competitive Training (GATE, NET, GMAT etc.)”	85	21-02-2026 to 28-02-2026	2
593	EEE	2026	Parent Teacher's Meet	21	14-03-2026	1
594	EEE	2026	Technical Field Visit to 33/11 kV APSPDCL Substation, A. Rangampet, Chandragiri, Tirupati	84	04-04-2026	2
595	EEE	2026	Field visit to 33 kV/11 kV Substation, APSPDCL, A. Rangampet, Chandragiri, Tirupati	62	14-04-2026	2
596	EEE	2026	Skill Development and Capacity Building Activities on PSIM for Power Electronics Simulation	19	06-04-2026	1
597	ME	2022	Two day workshop on “Practical applications of Automation using Robotics – a Hands on Training”	31	04.01.2022 to 05.01.2022	5
598	ME	2022	Webinar on “Fundamentals of Acoustics”	45	22.01.2022	2
599	ME	2022	Industrial visit to "Lakshmi Venkateswara Steel Mills, Chandragiri"	63	31.01.2022	5

600	ME	2022	Quiz Competition titled "Historical Background Indian Constitution"	60	17.02.2022	1
601	ME	2022	An Awareness Programme on "Multiple Entry and Exit System" envisaged in NEP-2020	24	19.02.2022	3
602	ME	2022	Faculty Development Programme on "Advances in Materials Sciences"	31	01.03.2022 to 05.03.2022	3
603	ME	2022	Expert Lecture on "Developments in Cr-Mo Steels for High Temperature Applications" in association with IWS student chapter	60	05.03.2022	5
604	ME	2022	One day workshop on "Battery pack making process" under association with SVEC-ASME	48	14.03.2022	5
605	ME	2022	Guest Lecture on "Advertising and Consumer Protection"	112	15.03.2022	1
606	ME	2022	A webinar (virtual mode) on "EV-Global scenario" in association with SAEINDIA	50	18.03.2022	5
607	ME	2022	An Awareness Programme on "Sensitization on Open Electives and how to give the preference in NIVA"	50	23.03.2022	1
608	ME	2022	One day online workshop on "MATLAB for Mechanical Engineering Subjects" in association with IEI-Students' chapter	75	23.03.2022	2
609	ME	2022	One day Guest Lecture on "Recent trends in welding Aluminum alloys for aerospace applications"	70	25.03.2022	2
610	ME	2022	An online Expert Lecture on "AUXETIC META MATERIALS"	54	29.03.2022	2
611	ME	2022	An Awareness Programme on "Healthy Life style"	95	07.04.2022	1
612	ME	2022	Alumni Interaction	100	07.04.2022	1
613	ME	2022	An Awareness Programme through virtual mode on "Masters and Employment opportunities in Germany"	34	21.04.2022	1
614	ME	2022	One day Workshop on "High Precision Machining Technique – Wire EDM"	50	12.05.2022	2
615	ME	2022	National Symposium on "CAMS COLLAB 2K22"	350	27.05.2022 to 28.05.2022	2
616	ME	2022	An Industrial visit to Solid Waste management & Biogas Extraction Plant, Thookkivakam, Tirupati	58	30.05.2022	2
617	ME	2022	Guest Lecture on "Opportunities for Mechanical Engineers"	119	02.06.2022	2
618	ME	2022	Guest Lecture on "Recent Trends in Mechanical Engineering"	97	03.06.2022	2
619	ME	2022	Guest Lecture on "Innovation technics"	95	04.06.2022	2
620	ME	2022	Expert Lecture on "Materials characterization and its methods"	65	07.06.2022	5
621	ME	2022	Staff Development Programme on "Materials characterization technics using optical microscope interfacing with BiovisMetPlus"	15	07.06.2022	3
622	ME	2022	Faculty Development Programme on "Materials characterization technics using optical microscope interfacing with BiovisMetPlus"	13	07.06.2022	3
623	ME	2022	Expert Lecture on "The Past, Present and Future of Electric Vehicle Technology - A Global Scenario"	52	18.06.2022	3
624	ME	2022	Webinar on "Vehicle Simulation with MATLAB/Simulink/Simscape"	13	29.06.2022	3
625	ME	2022	Guest Lecture on "Higher Studies and Job Opportunities in South Korea"	118	01.07.2022	1
626	ME	2022	Expert Talk on "3D Printing Technology for Manufacturing"	40	01.07.2022	5
627	ME	2022	Sensitization programme on "Electives, MOOCs and Internships"	75	03.07.2022	1
628	ME	2022	Awareness & Intervention Programme on "Fire safety and prevention"	82	14.07.2022	1
629	ME	2022	Awareness & Intervention Programme on "Fire safety and prevention"	13	14.07.2022	1
630	ME	2022	Industrial Visit to "SIBAR Auto Parts Ltd., Renigunta Road, Tirupati"	56	19.07.2022	5
631	ME	2022	Industrial Visit to "SIBAR Auto Parts Ltd., Renigunta Road, Tirupati"	59	21.07.2022	5
632	ME	2022	Workshop on "Application of Multi Criteria Decision Making in Mechanical Engineering"	52	21.07.2022	2
633	ME	2022	Awareness Programme on "Happy Healthy parents make Happy Healthy Children"	20	23.07.2022	1

634	ME	2022	Expert Lecture on "Job Opportunities in Mechanical Engineering"	55	30.07.2022	1
635	ME	2022	Internship Programme on "CNC Programming and Machining & CAM Express"	50	01.08.2022 to 30.09.2022	5
636	ME	2022	Webinar on "Industrial Automation & Robotics" by JSSATE, Bengaluru & NIT Warangal	59	05.08.2022	5
637	ME	2022	Talk on Importance of Gears in Mechanical Engineering	57	05.08.2022	2
638	ME	2022	Internship Programme on CNC Tooling and Machining	120	08.08.2022 to 07.09.2022	5
639	ME	2022	Expert Talk on "How to Upskill for Better Employment opportunity?"	44	12.08.2022	1
640	ME	2022	Talk on "Transform Innovation to a Product"	51	20.08.2022	3
641	ME	2022	Talk on "Institutional support for Innovative Projects"	45	10.09.2022	3
642	ME	2022	FDP on "Contemporary Practices in 3D Printing Technology"	37	16.09.2022 to 22.09.2022	3
643	ME	2022	Industrial Visit to Ravands Controls, Poothalapattu	60	30.09.2022	5
644	ME	2022	Alumni Meet: Career in Aviation Industry	60	08.10.2022	1
645	ME	2022	Workshop on "Laser Cutting Machine"	15	15.10.2022	5
646	ME	2022	Expert Talk on "Casting Process and Techniques"	99	19.10.2022	5
647	ME	2022	Internship Programme on "Casting Process and Technics"	140	19.10.2022	5
648	ME	2022	Industrial Visit to RAVANDS Ltd., Chittoor	56	20.10.2022	5
649	ME	2022	Expert Talk on "Career Opportunities in Hyundai"	45	25.10.2022	1
650	ME	2022	Industrial Visit to ISRO, Sullurpet	50	01.11.2022	5
651	ME	2022	Training Programme on "CNC Wood Router"	12	03.11.2022 to 05.11.2022	5
652	ME	2022	Workshop on "Robotics"	40	07.11.2022	2
653	ME	2022	Talk on "Insights of Career Success"	80	08.11.2022	1
654	ME	2022	Awareness Program on "Gender Equality"	52	09.11.2022	1
655	ME	2022	Talk titled "Robotics and Automation"	34	10.11.2022	2
656	ME	2022	Staff Development Programme on "Microscopy"	13	19.11.2022	3
657	ME	2022	Workshop on "Wood carving"	60	25.11.2022	5
658	ME	2022	Webinar on "Career Opportunities for Mechanical Engineering Graduates"	80	08.12.2022	1
659	ME	2022	Seminar on "Personality Development"	340	15.12.2022	1
660	ME	2023	SDP on "One Week Boot Camp on Design, Modelling and Fabrication using Wood Router and Laser cutter"	20	06.01.2023 to 12.01.2023	1
661	ME	2023	SDP on "One Week Boot Camp on Design, Modelling and Fabrication using Wood Router and Laser cutter"	20	06.01.2023 to 12.01.2023	1
662	ME	2023	One Day Guest Lecture on "Professional Skills for the Workplace"	75	09.01.2023	1
663	ME	2023	Two day Workshop on "Snap Maker 3 in 1 Machine"	25	11.01.2023 to 12.01.2023	5
664	ME	2023	Hands on Session on "Wire Electrical Discharge Machine (WEDM)"	21	23.02.2023	5
665	ME	2023	Value Added Course on "Finite Element Methods, Hands on Training on Simulation Software's"	50	03.04.2023 to 07.04.2023	5
666	ME	2023	Awareness Programme on Indian constitution	26	04.04.2023	1
667	ME	2023	One day workshop was conducted on "3D Printing Technologies"	54	10.04.2023	2
668	ME	2023	Awareness Programme on Indian constitution	45	12.04.2023	1
669	ME	2023	Workshop on "Skill Enhancement training on Robotics"	47	13.04.2023	5
670	ME	2023	One day Workshop on "Career Development in Mechanical Engineering"	120	18.04.2023	1
671	ME	2023	One day online Webinar on "Data Analytics in Manufacturing"	31	19.04.2023	5
672	ME	2023	An Awareness Program on "Intellectual Property Rights (IPR) with Special Emphasis on Mechanical & Civil Related Inventions"	107	20.04.2023	4

673	ME	2023	Guest lecture on “Collapsible Wind friction reduction attachment to increase the Mileage of automobiles”	110	02.05.2023	2
674	ME	2023	An expert talk on “Expectations of Industry”	40	02.05.2023	1
675	ME	2023	Guest lecture titled “Advances in Thermal Energy Systems”	106	03.05.2023	2
676	ME	2023	An Expert talk on “Essential skill set for Mechanical engineer”	40	03.05.2023	1
677	ME	2023	One day workshop on “ANSYS Mechanical Workbench for Non-Linear Analysis” under IEI	60	03.05.2023	2
678	ME	2023	Guest lecture titled “Advances in Manufacturing”	51	04.05.2023	2
679	ME	2023	Workshop on “Exploring the CREO 2.0 Assembly Module: A Hands on demonstration”	48	05.05.2023	2
680	ME	2023	Guest Lecture on “Importance of Technology and innovations”	213	10.05.2023	2
681	ME	2023	An Expert Lecture on “Exploring Practical concepts of Modeling and Analysis through Finite Element Analysis”	50	10.05.2023	5
682	ME	2023	Awareness Programme on “Unlocking the Power of Mechanical Analysis Tools” under CAD Club	25	11.05.2023	2
683	ME	2023	Webinar on “Data Technology in Manufacturing was a great opportunity”	42	12.05.2023	5
684	ME	2023	An Awareness Programme on “Unveiling Perspectives: Student Spotlight on Individual Journeys and Aspirations”	25	12.05.2023	1
685	ME	2023	Value added course on “Solid Edge”	49	15.05.2023 to 20.05.2023	2
686	ME	2023	Student Development Programme on “Fundamentals of Refrigeration & Air Conditioning Systems”	19	16.05.2023	2
687	ME	2023	An Awareness Programme on "Fundamentals of Wire EDM Systems"	22	23.05.2023	2
688	ME	2023	An Industrial visit to Integral Coach Factory (ICF), Perumbur, Chennai	59	26.05.2023	2
689	ME	2023	Two weeks Value added course on "Solid Edge (Advanced)"	51	29.05.2023 to 10.06.2023	2
690	ME	2023	An Awareness Programme on "Innovation for Sustainability"	60	31.05.2023	1
691	ME	2023	Two week APSSDC Student Development Programme on "Solid Edge"	54	01.08.2023 to 12.08.2023	2
692	ME	2023	AICTE IDEA Lab sponsored a One week FDP on "Holistic Innovation in Additive Manufacturing"	35	07.08.2023 to 11.08.2023	3
693	ME	2023	Expert Talk on "Product design and development"	60	08.08.2023	5
694	ME	2023	Internship Programme on "Automation and process techniques"	60	09.08.2023	2
695	ME	2023	Industrial Visit to Paladugu Steels, Chandragiri	22	11.08.2023	2
696	ME	2023	Industrial Visit to SIBAR Auto Parts, Renigunta	52	08.09.2023	2
697	ME	2023	Seminar on “IoT Integration in Mechanical Engineering: Building the Future”	50	27.09.2023	2
698	ME	2023	Two-day Workshop on “Materials and Manufacturing Engineering” with Micromachining Research Centre	120 (Faculty 26, Students 94)	29.09.2023 to 30.09.2023	5
699	ME	2023	Two-day Hackathon on “Smart India Internal Hackathon”	130	29.09.2023 to 30.09.2023	1
700	ME	2023	A startup founder talk on “Blockchain Revolution”	245	17.10.2023	1
701	ME	2023	Two day Workshop on “3D Printing”	20	19.10.2023 to 20.10.2023	2
702	ME	2023	Two day Workshop on “Robotics with IoT”	60	19.10.2023 to 20.10.2023	5
703	ME	2023	Outreach programme on “Innovation Entrepreneurship”	76	04.11.2023	1
704	ME	2023	Webinar on "Joining of Sheet Metals in Aerospace & Automotive"	24	04.11.2023	5
705	ME	2023	An Add-On Course on “Refrigeration and Air-conditioning”	41	06.11.2023 to 18.11.2023	2

706	ME	2023	One Day Guest Lecture on “Research Funding Opportunities”	45	07.11.2023	3
707	ME	2023	One day workshop on “Funding Opportunities for MBU Research and Development”	45	07.11.2023	3
708	ME	2023	An Interactive Session on “Revolutionizing Agriculture: Mechanical Marvels”	22	12.12.2023	3
709	ME	2024	Expert lecture on “Higher Education Opportunities at foreign Universities”	145	04.01.2024	1
710	ME	2024	Alumni Lecture titled “Emerge as a Social Entrepreneur”	52	08.01.2024	1
711	ME	2024	Two day FDP on “Progress of Material Science Research” association with IWS	22	15.02.2024 to 16.02.2024	2
712	ME	2024	A Guest Lecture on “Post-graduation opportunities for Mechanical Engineering Students in RWTH Aachen University Germany”	80	22.02.2024	1
713	ME	2024	Two day Workshop on “Understanding Japanese Management Practices and Introduction to Industrial Automation”	95	06.03.2024 to 12.03.2024	5
714	ME	2024	Add-on Course on “CatiaV5 Beginners to Advanced Automotive and Industrial applications”	65	06.03.2024 to 07.03.2024	2
715	ME	2024	Alumni Lecture on “Job prospects in L&T”	25	11.03.2024	1
716	ME	2024	Awareness Programme on “Geometric Tolerance & Dimensions, and Welding”	25	13.03.2024	2
717	ME	2024	Two day workshop on “Advanced training on Industrial Pneumatic Controls”	22	14.03.2024 to 16.03.2024	5
718	ME	2024	Industrial Visit to Paladugu Plastics	52	16.03.2024	5
719	ME	2024	An Orientation Session on “German Premaster Programme”	28	01.04.2024	1
720	ME	2024	One week Student Development Programme on "Unveiling the Future of Modeling and 3D Printing"	28	01.04.2024 to 06.04.2024	3
721	ME	2024	Two day National Level Technical Symposium on “CAMS COLLAB-2K24”	300	03.04.2024 to 04.04.2024	1
722	ME	2024	Orientation Programme on “Mentor-Mentee”	45	12.04.2024	6
723	ME	2024	3 day International Conference on “Sustainable Manufacturing, Automation, AI and Robotic Technologies”	148	18.04.2024 to 20.04.2024	5
724	ME	2024	Two day Workshop on “Industrial Pneumatic Controls”	20	19.04.2024 to 20.04.2024	5
725	ME	2024	One day FDP on “Hydrogen-Fuel of Future”	25	04.05.2024	3
726	ME	2024	Guest Lecture on “Hydrogen storage and Thermal Energy”	60	14.05.2024	2
727	ME	2024	Expert Lecture on “Advances in Thermal Engineering”	53	15.05.2024	2
728	ME	2024	Expert Lecture on “Career opportunities after B.Tech”	59	16.05.2024	1
729	ME	2024	Induction Programme with Lecture on “From Ideas to Impact”	220	22.07.2024	1
730	ME	2024	Workshop on “Engineering Drawing and Drafting with AutoCAD”	40	02.08.2024	2
731	ME	2024	Webinar on “Quality Management in Mechanical Engineering Industries”	67	03.08.2024	5
732	ME	2024	Industrial visit to “SIBAR Auto Parts Ltd”	44	06.08.2024	5
733	ME	2024	Industrial visit to “SIBAR Auto Parts Ltd”	31	07.08.2024	5
734	ME	2024	Interactive Workshop “Building 3D Models in SolidWorks”	28	14.08.2024	2
735	ME	2024	Seminar on “Developments in Automotive Industry”	45	20.08.2024	5
736	ME	2024	Talk on “Soft Skills”	43	21.08.2024	1
737	ME	2024	Industrial visit to RAVANDS Plastech	29	23.08.2024	5
738	ME	2024	Alumni Lecture on “Career Guidance in Software Platforms”	25	23.08.2024	1
739	ME	2024	Internal Smart India Hackathon-2024	138	05.09.2024 to 06.09.2024	1
740	ME	2024	German Pre-Master’s Degree Certification Programme	4	23.09.2024 to 25.10.2024	1
741	ME	2024	An Awareness Programme on “Exploring Future Opportunities in Mechanical Engineering”	41	04.10.2024	5
742	ME	2024	Guest Lecture on “Higher Education Opportunities at Foreign Universities”	47	08.10.2024	1
743	ME	2024	Guest Lecture on “Energy Systems and Industrial Applications”	45	17.10.2024	5
744	ME	2024	A Seminar on “Research Proposal Preparation”	18	27.11.2024	3

745	ME	2024	One day Workshop on “Writing Research Papers and Plagiarism Awareness”	21	27.11.2024	3
746	ME	2025	One day Workshop on “Career Guidance and Counseling”	60	11.02.2025	1
747	ME	2025	3 day Physical Training Programme on 'ANSYS Structural Analysis'	40	17.02.2025 to 19.02.2025	5
748	ME	2025	One day workshop on “Mastering Reliability Data Analysis Using Minitab”	30	25.02.2025	2
749	ME	2025	Technical Symposium titled “CAMS COLLAB 2K25”	350	26.03.2025 to 27.03.2025	1
750	ME	2025	Internship Programme on "Shaping the Future: Internship Opportunities in Mechanical Engineering"	26	27.03.2025	1
751	ME	2025	Electric Vehicle Technology – Opportunities and Challenges	56	04.04.2025	5
752	ME	2025	Innovation through Education	65	08.04.2025	1
753	ME	2025	Webinar on Gateway to Success: Orientation and Time Mastery	50	09.04.2025	1
754	ME	2025	Time Management and Goal Setting for Academic Success	50	09.04.2025	1
755	ME	2025	EVs vs. Hydrogen vs. Conventional – The Future of Sustainable Transport	30	10.04.2025	2
756	ME	2025	SDG Programme on “Ignite to Educate: Innovations for Quality Learning”	51	10.04.2025	6
757	ME	2025	SDG Programme on “Mastering Exam Success Strategies for Good Performance”	50	11.04.2025	1
758	ME	2025	Project Expo 2025	155	16.04.2025	2
759	ME	2025	Empowering Education through Nanomaterials	53	17.04.2025	2
760	ME	2025	SDG Programme on “Promote learning through Technology”	56	17.04.2025	1
761	ME	2025	Awareness on Gender Equality	40	19.04.2025	1
762	ME	2025	Reading Competition	91	22.04.2025	1
763	ME	2025	Nanotechnology for a Sustainable Future	40	22.04.2025	2
764	ME	2025	Demonstration on the Regenerative E-Cycle	28	23.04.2025	2
765	ME	2025	SDG on “Legal and Ethical Foundations for Startups”	81	23.04.2025	6
766	ME	2025	SDG Programme on AI and ML in Personalized Education	50	25.04.2025	6
767	ME	2025	SDG Programme on “Academic Journey from Stress to Success”	52	25.04.2025	6
768	ME	2025	SDG Programme on “Edu Next-Engineering the Future of Quality Learning”	42	30.04.2025	1
769	ME	2025	Workshop on “Promote access to online learning platforms”	61	15.05.2025	1
770	ME	2025	Shaping the Future: Mechanical Engineering Internships in India	65	27-03-2025	2
771	ME	2025	Mastering Exam Success Strategies for Good Performance	63	11-04-2025	1
772	ME	2025	Gest Lecture	12	14-05-2024	5
773	ME	2025	Internal Smart India HAcathon - 2024	43	05-09-2024 to 06-09-2025	2
774	ME	2025	A Seminar on Ignite to Educate: Innovations for Quality Learning	41	10-04-2025	5
775	ME	2025	An Awareness Program on Artificial Intelligence and Machine Learning in Personalized Education	85	24-04-2025	1
776	ME	2025	SDGs Implementation Initiation activities	23	15-05-2025	1
777	ME	2025	Foundry Taining Program	37	16-05-2025 to 26-05-2025	2
778	ME	2025	industry Visit	46	09-09-2025	2
779	ME	2025	ONE DAY SDP	28	10-09-2025	1
780	ME	2025	Seminar	46	29-01-2026	5
781	ME	2025	Earth Form- Eco-Friendly Artistry Drive	62	26-08-2025	1
782	ME	2025	Voice of the Engineer: Code vs. Core	85	17-09-2025	1
783	ME	2025	DataDriven Dynamics	21	24-10-2025	1
784	ME	2025	Yuva Shakti: Unleashing the Spirit of the Youth	84	08-01-2026	1
785	ME	2025	From Rough to Refined	62	23-12-2025	1

786	ME	2025	International Conference	19	18-12-2025 to 19-12-2025	5
787	ME	2025	STUDENTS DEVELOPMENT ACTIVITY	38	04-04-2025	1
788	ME	2025	ONE DAY SDP	41	22-08-2025	1
789	ME	2025	SDP	65	16-10-2025	1
790	ME	2025	SEMINAR ON DESIGN OF AUTOMOTIVE PARTS	42	29-01-2026	5
791	ME	2025	SDP	78	11-11-2025	1
792	ME	2025	Empowering Communities through Quality Education: Realising the Vision of SDG 4	65	23-10-2025	1
793	ME	2025	Expert Lecture	23	07-11-2025	1
794	ME	2026	Expert Lecture	35	13-03-2026	5
795	ME	2026	Alumni Interaction	69	14-03-2026	1
796	ME	2026	MBU Blood Donation Camp-2026	42	14-03-2026	1
797	ME	2026	Renewable Energy Storage and Management	19	24-10-2025	1
798	ME	2026	Circular Economy Approaches for Energy Storage Materials	58	31-10-2025	1
799	ME	2026	Reverse Engineering	26	17-10-2025	1
800	ME	2026	Enhancing Teaching and Learning for Future Ready Education	48	27-02-2026	1
801	ME	2026	Spark & Steel – Welding for Automotive Applications	1	16-03-2026	1
802	ME	2026	Seminar on “Bridging Educational Gaps with Technology and Innovations	95	17-03-2026	5
803	ME	2026	Expert Talk	23	03-11-2025	5
804	ME	2026	ICT Tools	52	30-12-2025to 25-03-2025	1
805	ME	2026	Seminar on “Electric Vehicles: Design, Challenges & Future”	49	13-08-2025	5
806	ME	2026	Guest lecture on “Industrial Sustainability: Challenges & Innovations”	12	19-09-2025	5
807	ME	2026	Guest lecture on “IoT Applications in Smart Manufacturing”	26	11-02-2026	5
808	ME	2026	Ph.D. Admission of Part-Time Research Scholar under Supervision	18	26-02-2026	1
809	ME	2026	EXPERT TALK	46	10-09-2025	5
810	ME	2026	Guest Lecture on Student-Centered Learning for Quality Education	57	16-03-2026	5
811	ME	2026	No. of Capacity development etc., events organized	16	25-09-2025	1
812	ME	2026	SDP	82	24-01-2025	1
813	ME	2026	Industrial Visit	72	09-09-2025	2
814	Pharmacy	2022	Entrepreneurship and Innovation as career opportunity	102	23.09.2022	6
815	Pharmacy	2022	My story- motivational session by successful entrepreneur	87	18.10.2022	6
816	Pharmacy	2022	Advancing innovations & Transformation in Pharmaceutical Research	100	09.11.2022	2
817	Pharmacy	2022	Changing course transforming education	104	11.11.2022	1
818	Pharmacy	2022	Problem solving and Ideation workshop	108	06.11.2022	1
819	Pharmacy	2022	Achieving problem-solution fit and product- market fit	97	02.12.2022	2
820	Pharmacy	2022	Design Thinking, Critical thinking and Innovation Design	82	14.12.2022	4
821	Pharmacy	2022	Innovation In Every Aspect Makes A Difference In A Million Lives	96	20.12.2022	4
822	Pharmacy	2023	Entrepreneurship skill attitude and behaviour development	102	04.01.2023	6
823	Pharmacy	2023	Innovative medical devices	103	21.02.2023	5
824	Pharmacy	2023	Integrated approach in science and technology for a future	84	28.02.2023	2
825	Pharmacy	2023	National Pharmacy Education Day	54	06.03.2023	3
826	Pharmacy	2023	International women’s day	345	11.04.2023	5
827	Pharmacy	2023	Prototype/ Process design and Development	95	08.04.2023	4
828	Pharmacy	2023	How to plan for startup and legal & ethical steps	97	18.04.2023	6

829	Pharmacy	2023	Intellectual Property Rights (IPR) With Special Emphasis on Pharmacuetical Related Inventions	450	21.04.2023	4
830	Pharmacy	2023	Step out and Innovate” and “Creativity and innovation in pharmaceuticals”	88	21.04.2023	4
831	Pharmacy	2023	Women and IP: Accelerating Innovation and Creativity	58	26.04.2023	3
832	Pharmacy	2023	“Pharmaceutical innovations - Role of technology transfer in Pharmaceutical industry	100	27.04.2023	4
833	Pharmacy	2023	Integrated approach in science and technology for a sustainable future	76	11.05.2023	2
834	Pharmacy	2023	World Environment day: “Our world, our responsibility	83	05.06.2023	1
835	Pharmacy	2023	Advancing Innovations & Transformation in Clinical Research	94	09.06.2023	1
836	Pharmacy	2023	Opportunities for Students– Early Stage Entrepreneurs	114	09.06.2023	6
837	Pharmacy	2023	IPR and IP management for startup	150	15.06.2023	4
838	Pharmacy	2023	Steps Involved in Developing an Innovative Product	74	16.06.2023	4
839	Pharmacy	2023	Emerging Trends And Innovations In Pharmaceutical Technology	63	21.06.2023	2
840	Pharmacy	2023	Basic qualities of entrepreneurship in the present era	95	23.06.2023	6
841	Pharmacy	2023	Innovation/prototype innovation converting into to startup	87	01.07.2023	6
842	Pharmacy	2023	Innovations in ayurvedic formulations	94	07.07.2023	2
843	Pharmacy	2023	Innovation & IPR	78	19.07.2023	4
844	Pharmacy	2023	Lean Start-up & Minimum Viable Product Business- A Mentoring Session.	117	26.07.2023	1
845	Pharmacy	2023	Patent search analysis and landscaping	123	10.08.2023	1
846	Pharmacy	2023	Independence Day as ‘Azadi Ka Amrit Mahotshav	84	15.08.2023	1
847	Pharmacy	2023	Entrepreneurship Opportunities in Pharma Industry	92	21.08.2023	6
848	Pharmacy	2023	Angel Investment Funding Opportunities for Early Stage Entrepreneurs	124	22.08.2023	6
849	Pharmacy	2023	Emerging trends and innovations in pharmaceutical technology	106	23.08.2023	2
850	Pharmacy	2023	Pedagogic principles for Effective teaching and learning in Pharmaceutical Eduction	100	11.09.23 to 15.09.23	1
851	Pharmacy	2023	Blockchain Revolution: Transforming Industries and Empowering Entrepreneurs	72	13.10.2023	5
852	Pharmacy	2023	My Story - Motivational Session by Successful Entrepreneur/Start-up founder. - Mr.Winny Patro, Cofounder & CEO, At Recordent, Hyderabad.	95	28.11.2023	6
853	Pharmacy	2023	Workshop on “Entrepreneurship and Innovation as Career Opportunity”	110	07.12.2023	1
854	Pharmacy	2023	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialisation of Lab Technologies & Tech-Transfer"	80	19.12.2023	5
855	Pharmacy	2024	Guest Lecture on Workshop on Entrepreneurship Skill, Attitude and Behaviour Development	90	29.01.2024	5
856	Pharmacy	2024	Digital revolution & innovations in pharmaceutical industry	65	05.02.2024	1
857	Pharmacy	2024	Workshop on Intellectual Property Rights (IPRs) and IP management for start up By Dr. Raosaheb Yashwant Ghegade Resource Person HOD, Associate Professor & IP Officer L.L.B., L.L.M (IPR), Ph.D.	153	30.03.2024	4
858	Pharmacy	2024	Session on “How to plan for Start-up and legal & Ethical Steps”	60	11.04.2024	5
859	Pharmacy	2024	A Workshop on prototype/Process design	72	22.04.2024	4
860	Pharmacy	2024	National Technology Day By Dr.K.Umamaheshwar Rao, Head and professor, Dept. of Pharmacology, SVIMS	74	11.05.2024	3
861	Pharmacy	2024	Business Model Canvas (BMC) By Dr.William Carey Mamidipalli, F.I.C (Fellow of Institution of Chemist)	135	28.05.2024	2
862	Pharmacy	2024	First national conference on Innovative research in pharmaceutical sciences, biosciences and medical sciences (IRPBMS-2024)	225	13.06.2024 to 15.06.2024	5
863	Pharmacy	2024	“Lean Start-up & Minimum Viable Product/Business”- Boot Camp (or) Mentoring Session By Dr. Hari Vayas Bansal, Head of quality for GMP, manufacturing limited, Kingston.	125	15.06.2024	5

864	Pharmacy	2024	Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs By Mr.Narendra Nerla, Social Entrepreneur Angel Investor Andhra Pradesh, India	125	21.06.2024	3
865	Pharmacy	2024	Innovation/Prototype Validation – Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit” By Mr Audinarayana, Asso Professor, Sri Venkateswara college of pharmacy, Chittoor.	105	17.08.2024	2
866	Pharmacy	2024	World Entrepreneurs Day By Dr Ramachandra G Reddy, Managing Director, Glory Pharma Chem India Pvt. Ltd, Tirupati.	165	22.08.2024	3
867	Pharmacy	2024	Recent innovations in pharmaceutical analytical techniques By Prof. Nagaraj, Deputy Registrar, Audichunchanagiri University, Javarna Hally, Karnatka	112	06.09.2024	3
868	Pharmacy	2024	Innovate SAS for Pharma students, By Ashok Kumar Dasini, SAS certified Clinical trial programmer, SAS certified base SAS Programmer	101	01.10.2024	1
869	Pharmacy	2024	"My Story-Motivational Session by Successful Innovators" By Mr. Manoj Kumar Enamala Director, Gene Sequencing India Pvt. Ltd.	104	29.10.2024	4
870	Pharmacy	2024	"Innovations in computer aided drug design" By Dr Sakshi Bhardwaj, Ph.D, Application scientist, Biovia Discovery Studio, Life sciences department, Altem technologies, Bangalore	106	12.11.2024	5
871	Pharmacy	2025	Workshop on “Design Thinking, Critical thinking and Innovation Design” By Dr Ramesh Babu Bodla, Professor, Dept. of Pharmaceutical Chemistry, DIPSAR, New Delhi	129	31.01.2025	4
872	Pharmacy	2025	A Session on “Achieving Problem-Solution Fit and Product-Market Fit” By Mr Vamsi Krishna Baline, Sr Manager, Regulatory Affairs, TATA Consultancy Service, Mumbai	99	11.02.2025	3
873	Pharmacy	2025	"Innovations in invivo studies for drug discovery and development programmes" By Dr Raghava Sriramaneni, Sr Scientis, Cytom therapeutics, South SanFrancisco, United states	107	17.02.2025	3
874	Pharmacy	2025	Awariness on Intellectual Property Rights	50	21.02.2025	4
875	Pharmacy	2025	AWARENESS ON INNOVATION AND PREPARATION FOR INNOVATION CHALLENGES	39	25.02.2025	5
876	Pharmacy	2025	Emerging trends and Innovations in medical health care	132	11.3.2025	5
877	Pharmacy	2025	Field Visit to Local Manufacturing Site	18	22.03.2025	5
878	Pharmacy	2025	Celebration Of World Intellectual Property Rights Day	50	28.04.2025	4
879	Pharmacy	2025	WORKSHOP ON SUSTAINABLE ENGINEERING PRACTICES FOR HEALTHCARE	51	29-04-2025	5
880	Pharmacy	2025	A Project expo on Innovations in Pharmacy for Better health care	95	05.05.2025 to 06.05.2025	5
881	Pharmacy	2025	Student research conference	50	19.5.2025	5
882	PHR	2025	Industrial visit	98	12-04-2025	2
883	PHR	2025	Industrial Visit	52	12-04-2025	2
884	PHR	2025	Aavishkandhra 2025	183	20-08-2025 to 21-08-2025	1
885	PHR	2025	Incubation centre visit	53	31-07-2025	2
886	PHR	2025	International Conference	75	21-08-2025 to 23-08-2025	5
887	PHR	2025	Parent Teacher Meeting	2	25-02-2026	1
888	PHR	2025	5th National Pharmacovigilance Week Celebrations 2025	94	17-09-2025 to 23-09-2025	1
889	PHR	2025	National science day	72	23-02-2026	1
890	PHR	2025	National Girl Child day	73	24-01-2026	1
891	PHR	2025	Sketch Your Brain	51	22-12-2025	2
892	PHR	2025	Journaling for Mental Clarity and Emotional Health	20	19-02-2026	1
893	PHR	2025	Myth Vs Fact	34	25-11-2025	1
894	PHR	2025	National youth day Group discussion	16	22-01-2026	1
895	PHR	2025	Poster and Drawing Competitions- National Pharmacovigilance week celebrations	85	19-09-2025	1

896	PHR	2025	Screen Documentary – The Reason I jump	30	22-12-2025	1
897	PHR	2025	National Stress Awareness Day – Optimising Employees wellbeing through strategic Stress Management	238	22-11-2025	1
898	PHR	2025	World Mental Health Month- Digital Detox & Presence – Disconnect to Reconnect	101	24-12-2025	2
899	PHR	2025	World Autism Awareness Day	51	02-04-2025	1
900	PHR	2025	World Blood Donor Day	51	13-06-2025	1
901	PHR	2025	Dr V Hemalatha	27	19-05-2025	1
902	PHR	2025	Hospital Internship report	22	31-05-2025 to 01-06-2025	1
903	PHR	2025	World Sjogrens Day	20	23-07-2025	1
904	PHR	2025	Pharm.D Hospital Internship report	22	01-06-2024	2
905	PHR	2025	You are not Alone – Engaging in Local Community Initiatives focused on Health, Wellness and Positive living	300	22-09-2025	1
906	PHR	2025	world breastfeeding day	51	20-08-2025	1
907	PHR	2025	Community Project	42	01-07-2025	1
908	PHR	2026	Child hood Cancer Day	49	19-02-2026	1
909	PHR	2026	Childhood Cancer Day	47	19-02-2026	1
910	PHR	2026	World Leprosy Day	45	23-01-2026	1
911	PHR	2026	Nutrition as supportive care in cancer management	47	24-12-2025	1
912	PHR	2026	World Diabetic Day	37	14-11-2025	1
913	PHR	2026	World Food Day	52	16-10-2025	1
914	PHR	2026	Healthy Nutrition for Healthy Mind	73	18-09-2025	1
915	PHR	2026	Nutrition for Youth Day	30	14-08-2025	1
916	PHR	2026	World Zoonoses Day	46	07-07-2025	1
917	PHR	2026	World No Tobacco day	37	31-05-2025	1
918	PHR	2026	World Halh Day	49	07-04-2025	1
919	PHR	2026	International womens Day	160	11-03-2025	1
920	PHR	2026	Registration of Rresearch scholars	7	08-09-2025	1
921	PHR	2026	Pharmacognosy focus session Alkaloids & Glycosides in GPAT & NIPER entrance exam.	74	23-12-2025	1
922	PHR	2026	M. S. Srikanth	6	09-02-2026	1
923	PHR	2026	Strong Women, Healthy Futures: Awareness on Breast and Cervical Cancer Prevention	335	06-03-2026	1
924	PHR	2026	Usage of ICT tools	98	06-11-2025	1
925	Freshman	2022	Talk on Nanosensors & Applications	50	25.10.2022	5
926	Freshman	2022	Awareness on Organic farming	50	26.11.2022	1
927	Freshman	2023	National Science Day	400	28.02.2023	2
928	Freshman	2023	Hands-on experience on Creation of 3D images by the reflection of light	50	13.04.2023	2
929	Freshman	2023	Hands-on experience on Creation of a Vacuum with a Rotary pump	50	13.04.2023	2
930	Freshman	2023	Measurement of thickness of thin foil using interference	50	02.05.2023	2
931	Freshman	2023	Claculation of MI of a Flywheel	35	05.05.2023	2
932	Freshman	2023	Finding the viscosity of liquids	34	05.05.2023	2
933	Freshman	2023	Moment of inertia of wire calculation	25	05.05.2023	2
934	Freshman	2024	Poster Presentation on Modern Agriculture and its impact on the Environment	50	11.05.2023	1
935	Freshman	2024	Poster Presentation on Tsunami and Earthquake	50	18.05.2023	1
936	Freshman	2023	Painting Competition on Renewable Energy Sources	10	19.05.2023	2

937	Freshman	2023	Talk on Dye-Sensitized Solar cells	50	01.06.2023	2
938	Freshman	2023	Awareness on Agricultural Methods	46	02.06.2023	1
939	Freshman	2024	Poster Presentation on PH scale	50	02.06.2023	2
940	Freshman	2023	Talk on Pollution & its effect	42	02.06.2023	1
941	Freshman	2023	Student's Seminar on various emerging fields of science	54	07.06.2023	2
942	Freshman	2024	Poster Presentation on Fuels and its types	45	14.06.2023	2
943	Freshman	2024	Poster Presentation on Corrosion	46	21.06.2023	1
944	Freshman	2024	Poster Presentation on Solid Waste Management	45	30.06.2023	1
945	Freshman	2024	Poster Presentation on Green Chemistry	46	06.07.2023	1
946	Freshman	2024	Hands on experience on Sodium Fusion Test, or Lassaigne's Test	45	29.07.2023	2
947	Freshman	2024	Hands on experience on Analysis of Functional Groups of Chemical Compounds using Qualitative Analysis.	46	29.07.2023	2
948	Freshman	2023	Vignana Vihangam	50	08.08.2023 to 11.08.2023	6
949	Freshman	2024	Hands on experience on Functional Group Analysis of Carbohydrates using Qualitative Analysis.	47	28.08.2023	2
950	Freshman	2023	Engineering Mathematics	30	09.09.2023 to 11.09.2023	3
951	Freshman	2024	Hands on experience on Determination of chloride ions in water sample using Mohr's method	44	13.09.2023	1
952	Freshman	2024	Hands on experience on Paper Chromatography	43	23.09.2023	1
953	Freshman	2024	Poster Presentation on Water and its Types based on Hardness	47	17.10.2023	2
954	Freshman	2024	Hands on experience on Functional group analysis of carboxylic acids using Qualitative Analysis	44	21.10.2023	2
955	Freshman	2024	Poster Presentation on Chemistry in Life	45	26.10.2023	2
956	Freshman	2023	Vignana Vihangam	50	09.11.2023 to 12.11.2023	6
957	Freshman	2024	Poster Presentation on Water Treatment for Domestic Purpose	45	11.11.2023	2
958	Freshman	2024	Hands on experience on Determination of Iron using Potassium Dichromate	48	11.11.2023	2
959	Freshman	2024	Poster Presentation on Save Earth- Stop Pollution	47	21.11.2023	1
960	Freshman	2024	Hands on experience on Determination of Hardness of Water using EDTA method	47	23.11.2023	1
961	Freshman	2023	Vignana Vihangam	50	25.11.2023 to 28.11.2023	6
962	Freshman	2023	Vignana Vihangam	50	30.11.2023 to 03.12.2023	6
963	Freshman	2024	Poster Presentation on Impacts of plastics	47	11.12.2023	2
964	Freshman	2024	Poster Presentation on Drugs - Uses and Its Side-Effects	45	24.11.2023	2
965	Freshman	2024	Poster Presentation on Acid Rain	47	8.12.2023	1
966	Freshman	2024	Poster Presentation on Changes in Matter	47	8.12.2023	2
967	Freshman	2024	Poster Presentation on Fertilizers and its types	47	8.12.2023	2
968	Freshman	2024	Poster Presentation on Electricity production by burning fossil fuels	47	8.12.2023	2
969	Freshman	2024	Poster Presentation on Chemicals used in Textile Industry	47	8.12.2023	2
970	Freshman	2024	Poster Presentation on Chemicals used in daily life	47	8.12.2023	2
971	Freshman	2024	Poster Presentation on Chemicals used in Cosmetics	47	8.12.2023	2
972	Freshman	2024	Hands on experience on Determination of Triglycerides using Thin Layer Chromatography	42	8.12.2023	2
973	Freshman	2024	Poster Presentation on Green House effect and sources of greenhouse gases	50	11.12.2023	2
974	Freshman	2024	Poster Presentation on Food specialty chemicals	50	11.12.2023	2
975	Freshman	2024	Poster Presentation on Chemistry behind Meteors and Meteorites	50	11.12.2023	2
976	Freshman	2024	Poster Presentation on Effects of Plastics on Environment	50	11.12.2023	2

977	Freshman	2024	Poster Presentation on Adulterants in Spices	45	12.12.2023	2
978	Freshman	2024	Poster Presentation on Unveiling Cancer agents	45	12.12.2023	2
979	Freshman	2024	Poster Presentation on Natural and synthetic polymers	45	12.12.2023	2
980	Freshman	2024	Poster Presentation on Biogas-Types of Biogas Plants	45	13.12.2023	2
981	Freshman	2024	Poster Presentation on Drug Addiction and its Impacts	45	13.12.2023	2
982	Freshman	2024	Poster Presentation on Biomedical waste Management	45	13.12.2023	2
983	Freshman	2024	Poster Presentation on Chemistry in Fireworks	50	15.12.2023	2
984	Freshman	2024	National Science Day	180	28.02.2024	2
985	Freshman	2024	Hands on program on Estimation of dissolved oxygen in water by Winkler's method.	40	15.03.2024	2
986	Freshman	2024	Presentation of Revolution of Science.	62	18.03.2024	2
987	Freshman	2024	Talk on Electrical Vehicles	60	23.03.2024	2
988	Freshman	2024	Poster presentation on “ Biomedical Waste disposal”.	40	23.03.2024	2
989	Freshman	2024	Presentation of Nanomaterials	60	27.03.2024	2
990	Freshman	2024	Hands on program on Estimation of Iron(II) by dichrometry.	40	10.04.2024	2
991	Freshman	2024	Hands on program on Organic Functional Group Analysis-I	38	9.08.2024	2
992	Freshman	2024	Poster presentation done on the eve of Independence day 2024.	35	14.08.2024	2
993	Freshman	2024	Hands on program on Estimation of Residual Chlorine in Water	40	18.08.2024	2
994	Freshman	2024	Hands on program on Organic Functional Group Analysis-II	38	31.08.2024	2
995	Freshman	2024	Hands on program on Inorganic salt mixture analysis-PbCH ₃ COOH and CuSO ₄	50	11.09.2024	2
996	Freshman	2024	Talk on Aerodynamics	65	17.09.2024	2
997	Freshman	2024	Poster Making on Water Conservation	60	18.09.2024	2
998	Freshman	2024	Poster presentation on Climate Change	60	18.09.2024	2
999	Freshman	2024	Different types of Soaps and their impacts on us in daily life.	55	25.09.2024	1
1000	Freshman	2024	Celebration of World Tourism Day(September-27th)	60	25.09.2024	1
1001	Freshman	2024	Poster presentation on Key role o makeup in our daly life and its effects.	50	01.10.2024	2
1002	Freshman	2024	Seminar on Quantum Computing	60	07.10.2024	2
1003	Freshman	2024	A Talk on Gravitation effects on varous planets	60	21.10.2024	2
1004	Freshman	2024	Hands on program on Inorganic salt analysis-Ammonium phosphate	50	23.10.2024	1
1005	Freshman	2024	Hands-on experience - Magnetic Levitation	60	01.11.2024	1
1006	Freshman	2024	Step into style: A Journey through the World of Shoes	60	06.11.2024	2
1007	Freshman	2024	Refractive index of liquid using Newton rings	60	06.11.2024	1
1008	Freshman	2024	Science Activities	60	12.11.2024	2
1009	Freshman	2024	Presentation on Foundations of the Modern Semiconductor Era	60	13.11.2024	2
1010	Freshman	2024	Hands on program on Inorganic salt Analysis-CaCO ₃	55	13.11.2024	1
1011	Freshman	2024	Hands-on experience on 3D Images by the reflection of light	64	14.11.2024	1
1012	Freshman	2024	Hands-on experience on 'g' value by using Compound pendulum	60	14.11.2024	1
1013	Freshman	2024	Hands-on experience on Inorganic salt analysis-Brown ring test	50	18.11.2024	1
1014	Freshman	2024	Poster Presentation on Perfume Chemistry	45	21.11.2024	2
1015	Freshman	2024	Poster Presentation on FROM LAB TO TABLE -- The future of what we eat	55	21.11.2024	2
1016	Freshman	2024	Presentation on Astronomy: An Optical Illusion	60	21.11.2024	2
1017	Freshman	2024	Seminar on Chemistry behind colouring agents	55	25.11.2024	2
1018	Freshman	2024	Moment of inertia of a Flywheel calculation using simple wheel	60	26.11.2024	2
1019	Freshman	2024	Production & Detection of Ultrasonic Waves - Hands-on experience	60	26.11.2024	2

1020	Freshman	2024	Poster presentation on Types of Food Additives and Their Impacts	60	03.12.2024	2
1021	Freshman	2024	Tattoo Chemistry-Colourants and Concern	50	04.12.2024	2
1022	Freshman	2024	Types of paper and their uses in daily life	50	05.12.2024	2
1023	Freshman	2025	The Science behind super heroes-Debate competition	30	2.1.2025	2
1024	Freshman	2025	Technical competition on DIY Science inventions	30	9.1.2025	2
1025	Freshman	2025	A motivational Discussion on Physics in AIML	50	9.1.2025	2
1026	Freshman	2025	Hands on program on Paper Chromatography	45	21.1.2025	2
1027	Freshman	2025	Technical event Named Forensic Quest:Decoding the Mystery	25	7.2.2025	2
1028	Freshman	2025	Guess the Scientist competition	30	14..2.2025	2
1029	Freshman	2025	Optical Illusions-observations	61	27.2.2025	2
1030	Freshman	2025	Debate competition on Should Animal Testing be banned in Scientific Research?	50	28.2.2025	2
1031	Freshman	2025	National Science Day	200	28.2.2025	1
1032	Freshman	2025	Propagation of waves using electromagnetic induction	70	14.3.2025	1
1033	Freshman	2025	Estimation of g-value using compound pendulum and simple pendulum	70	04.04.2025	1
1034	Freshman	2025	Production of Wine using red grapes	36	16.04.2025	1
1035	FE	2023	DST Outreach Project grant	38	01-08-2023 to 05-12-2023	1
1036	FE	2024	No of PhDs registered	41	27-01-2024 to 31-01-2024	1
1037	FE	2025	A seminar on showcasing of local sustainable business	53	23-04-2025	5
1038	FE	2025	National Conference on Next Gen- Materials: Polymers and Composites for Health and Environment	74	16-07-2025 to 19-07-2025	5
1039	FE	2025	sdg	35	26-08-2025	1
1040	FE	2025	Training Program Organized	40	04-09-2025	2
1041	FE	2025	SDG	66	02-09-2025	1
1042	FE	2025	Journal Reviewer	26	28-09-2025	1
1043	FE	2025	Reviewer	73	05-10-2025	1
1044	FE	2025	Radiation, Human Health and Biology	80	24-10-2025	1
1045	FE	2025	WORKSHOP	27	20-11-2025	5
1046	FE	2025	Different ICT tools of Quiz (in percentage) both pedagogy and modern tools usage	126	24-10-2025 to 27-10-2025	1
1047	FE	2025	A Seminar on Financial Literacy	61	20-11-2025	5
1048	FE	2025	A Workshop on Community-Based Start-ups	70	18-11-2025	5
1049	FE	2025	Organised Different ICT tools of Quiz (in percentage) both pedagogy and modern tools usage	62	24-10-2025 to 27-10-2025	1
1050	FE	2025	SDG- MB UNIVERSITY INITIATIVE	5	19-07-2025	1
1051	FE	2025	SDG- MBU INITIATIVE	3	18-09-2025	1
1052	FE	2025	Freshmen Induction Program - FIP2025	28	04-08-2025 to 14-08-2025	1
1053	FE	2025	Student Development Program on "Heartfulness Training Program for Wellness & Inner Transformation"	68	03-11-2025 to 15-11-2025	2
1054	FE	2026	National Science Day	28	28-02-2026	1
1055	FE	2026	National Science Day Celebrations	72	28-02-2026	1
1056	FE	2026	BOOK VILLAGE- UNIVERSITY INITIATIVE	86	24-01-2026	1
1057	FE	2026	SDG- INITIATIVE BY MBU	34	07-02-2026	1
1058	FE	2026	Women Empowerment -Celebrate Women Speakers and Leaders	57	12-03-2026	1
1059	FE	2026	Seminar	8	23-03-2026	5
1060	FE	2026	IEEE LECTURE ORGANIZED	63	30-01-2026	5

1061	FE	2026	EXPERT LECTURE ORGANIZED	72	03-03-2026	5
1062	FE	2026	Personality Development Program	18	24-03-2026	1
1063	FE	2026	Professional Development & Well-being	8	26-03-2026	1
1064	FE	2026	Workshop on Strategic Resume Building for Career Excellence.	60	30-03-2026	5
1065	FE	2026	Sheik Vasihaanjum	4	13-03-2026	1
1066	FE	2026	SDG ACTIVITY-MARCH-2026	31	07-03-2026	1
1067	FE	2026	SDG ACTIVITY-MARCH	31	07-03-2026	1
1068	CSE	2023	Student Development Program On " Cloud Infrastructure Using AWS "	130	21.07.2023	2
1069	CSE	2023	Career Guidance Program ON "Career Opportunities After B.Tech "	237	01.08.2023	1
1070	CSE	2023	An Expert Lecture On "Requirement delivery Management Systems With AI "	144	05.08.2023	5
1071	CSE	2023	Student Development Program On " Provision Infrastructure Through Software To Achieve Consistent And Productive Environment Using Terraform With AWS"	83	10.08.2023	2
1072	CSE	2023	An Expert Lecture On "Introduction to Cloud Computing with AWS "	30	05.09.2023	5
1073	CSE	2023	An Expert Lecture On "Embeded Systems With IOT "	72	08.09.2023	5
1074	CSE	2023	Value Added Courses On " Introduction To Devops"	144	19.09.2023 to 04.10.2023	1
1075	CSE	2023	An Expert Lecture On "Building Mobile Apps "	46	21.09.2023	5
1076	CSE	2023	Skill Development Program On " Parallel Programming Using Open MP "	80	26.10.2023 to 28.10.2023	2
1077	CSE	2024	Student Enablement Program On "Generative AI "	100	06.01.2024 to 08.01.2024	2
1078	CSE	2024	Student Development Training Program(SDTP) On "C Programming "	1136	26.02.2024 to 18.04.2024	2
1079	CSE	2024	One Day Workshop On " Software Methodologies And Automation Tools "	645	23.03.2024	5
1080	CSE	2024	Outreach Program On " Igniting Minds, Shaping Fures : A School Outreach Initiative "	11	02.04.2024	6
1081	CSE	2024	Hackathon On Web Design	150	02.04.2024	2
1082	CSE	2024	Exploring The Future Generative AI And Its Applications	90	19.07.2024	5
1083	CSE	2024	Industrial Visit To " EXCEL-R Technologies ",Bengaluru	50	03.08.2024	5
1084	CSE	2024	21 Days Master Class On "Advanced Python Programming "	36	15.08.2024 to 05.09.2024	2
1085	CSE	2024	Outreach Program On " Awareness On AI Tools "	8	21.09.2024	6
1086	CSE	2024	Skill Development Program On " Student Enablement Program On Python Programming "	141	25.09.2024 to 27.09.2024	2
1087	CSE	2024	Expert Lecture On "Entropy And Its Applications In Data Science " organized by IEEE Information Theory Society	50	26.09.2024	5
1088	CSE	2024	Outreach Program On " Awareness On Women Safety"	10	26.10.2024	6
1089	CSE	2024	Expert Lecture On " Information Theory And Statistics For Artificial Intelligence " organized by IEEE Information Theory Society	48	31.10.2024	5
1090	CSE	2023	Outreach Program On "Free Online Medical Consulting For Scenior Citizens- Central Govt Scheme	16	01.11.2023	6
1091	CSE	2023	Outreach Program On " Connecting Kids To Wonders And Personal Safety : A Day For School Children "	7	01.11.2023	6
1092	CSE	2024	Expert Lecture On " Information Theory Of Deep Learning " organized by IEEE Information Theory Society	43	14.11.2024	5
1093	CSE	2024	One Day Seminar On " SAP Skills In CSE:Bridging Foundation & Industry "	356	15.11.2024	5
1094	CSE	2024	Expert Lecture On " Unlocking Career Opportunities Through SAP Global Certification "	332	16.12.2024 to 17.12.2024	5
1095	CSE	2024	Expert Lecture On " Information Theory in Data Governance: Ensuring Integrity, Privacy, and Ethical Use of Data in the Age of AI" organized by IEEE Information Theory Society	101	31.12.2024	5
1096	CSE	2025	Industrial Visit To open house at IITM, Chennai	10	03.01.2025	5

1097	CSE	2025	5-day workshop on on “Applied Generative AI” in association with Infosys Springboard	1082	06.01.2025 to 10.01.2025	5
1098	CSE	2025	One Day Seminar on “Achieving Problem-Solution Fit & Product-Market Fit”	82	31.01.2025	5
1099	CSE	2025	Expert Lecture On " Advancements in Artificial Intelligence & Machine Learning" organized by IEEE Information Theory Society	89	22.02.2025	5
1100	CSE	2025	Expert Lecture On " Design Thinking and Innovation Strategies" organized by IEEE Information Theory Society	52	17.03.2025	5
1101	CSE	2025	Innovision-A Mentorship Program to guide from Idea Generation to Startup Launch	120	19.02.2025	6
1102	CSE	2025	Seminar on "Basics of Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs"	75	19.02.2025	4
1103	CSE	2025	Expert Lecture On "Recent Trends in Image Processing for AI Implementation" organized by IEEE Information Theory Society	55	08.04.2025	5
1104	CSE	2025	Industrial Visit to SHAR, Sriharikota	43	11.04.2025	5
1105	CSE	2024	Outreach Activity on AI Tools	62	06-11-2025	2
1106	CSE	2024	Outreach Program: Awareness on Women Saety	55	14-11-2025	1
1107	CSE	2024	A workshop on “Information Theory and Statistics for Artificial Intelligence”	49	30-10-2024	5
1108	CSE	2024	A workshop on “Information Theory of Deep Learning”	44	14-11-2024	5
1109	CSE	2024	Information Theory in Data Governance: Ensuring Integrity, Privacy, and Ethical Use of Data in the Age of AI	102	31-12-2024	2
1110	CSE	2024	A workshop on “Entropy and Its Applications in Data Science”	51	07-03-2025	5
1111	CSE	2024	Experiential Learning on Software Engineering	9	26-02-2026	1
1112	CSE	2024	Experiential Learning on Software Testing and Automation	9	16-03-2026	1
1113	CSE	2024	Experiential Learning on Web Technologies	10	23-03-2026	1
1114	CSE	2024	Experiential Learning on Data Structures	78	16-03-2026	1
1115	CSE	2025	An expert talk on Design Thinking and Innovation Strategies	53	17-03-2025	5
1116	CSE	2025	Basics of Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs	77	19-07-2025	4
1117	CSE	2025	Webinar on “Recent Trends in Image Processing for AI Implementation ”	68	08-04-2025	5
1118	CSE	2025	An expert talk on “Advancements in Artificial Intelligence and Machine Learning”	90	22-02-2025	5
1119	CSE	2025	Industrial Visit to SHAR, Sriharikota	45	11-04-2025	2
1120	CSE	2025	Building Agentic AI Systems on the Cloud	267	11-08-2025 to 18-08-2025	2
1121	CSE	2025	Two-Day Expert Lecture on “New frontiers of computing: Post Quantum Computing (PQC) for Organization's Data Protection”	170	11-09-2025 to 12-09-2025	5
1122	CSE	2025	Generative AI on Google Cloud	849	08-09-2025 to 11-09-2025	2
1123	CSE	2025	AI-Driven Software Testing & Automation: NEXT-GEN Quality Assurance	61	18-09-2025 to 19-09-2025	2
1124	CSE	2025	Generative AI on Google Cloud (Gemini 2.0 Flash)	118	12-09-2025	2
1125	CSE	2025	Entrepreneurship Development Program (EDP) Training	120	20-08-2025 to 21-08-2025	6
1126	CSE	2025	IEEE Event on Empowering Engineers with Generative AI tools: From theory to practice	73	24-10-2025	2
1127	CSE	2025	An Outreach Programme on Community Consultation on Women Empowerment and Skill Development	30	19-09-2025	1
1128	CSE	2025	Entrepreneurship Development Program	70	22-09-2025 to 27-05-2025	6
1129	CSE	2025	Outreach Program on Health and Hygiene Program	84	09-10-2025	1
1130	CSE	2025	Know UPSC: Your First Step to Civil Services	125	25-08-2025	1
1131	CSE	2025	FDP on ENTREPRENEURSHIP DEVELOPMENT PROGRAM	40	03-10-2025 to 04-10-2025	3

1132	CSE	2025	Out Reach Programme - Digital Awareness & Safe Internet Use – A Step Towards Responsible Digital Citizenship	89	20-09-2025	2
1133	CSE	2025	MBU Alumni Interaction Series	117	10-11-2025	1
1134	CSE	2025	MINDFULL WELLNESS PROGRAM	131	13-10-2025	1
1135	CSE	2025	AI-Driven Software Testing & Automation: NEXT-GEN Quality Assurance	61	18-09-2025 to 19-09-2025	2
1136	CSE	2025	Know UPSC: Your First Step to Civil Services	125	25-08-2025	1
1137	CSE	2025	NextGen-VLSI	114	18-09-2025	1
1138	CSE	2025	WORKSHOP ON EDP TRAINING - BRIGHT MINDS NETWORK PROGRAM	71	07-10-2025	5
1139	CSE	2025	SMART THINKERS LEAGUE	50	08-10-2025	1
1140	CSE	2025	From Ideas to Impact: Alumni Talk on Innovation and Entrepreneurship	117	10-11-2025	6
1141	CSE	2025	MBU Alumni Interaction Series	72	07-11-2025	1
1142	CSE	2025	WORKSHOP ON BUILD AI AGENT'S	351	20-12-2025	5
1143	CSE	2025	WORKSHOP ON EDP TRAINING - BRIGHT MINDS NETWORK PROGRAM	71	07-10-2025	5
1144	CSE	2025	1 Day an Outreach Programme on Community Consultation on Women Empowerment and Skill DevelopmentDay	30	19-09-2025	1
1145	CSE	2025	Code Rush 2K25		11-09-2025 to 12-09-2025	1
1146	CSE	2025	Generative AI on Google Cloud (Gemini 2.0 Flash)	22	12-09-2025	2
1147	CSE	2026	Tech24 Hackathon	220	07-01-2026 to 08-01-2026	2
1148	CSE	2026	Generative AI Leader Certification Program-2026	227	19-01-2026 to 23-01-2026	2
1149	CSE	2026	Distributed Computing in the Modern Digital Era	49	13-02-2026	2
1150	CSE	2026	Tech24 Hackathon	220	07-01-2026 to 08-01-2026	2
1151	CSE	2026	AI and Workflow Automation for Educational Institutions	18	09-04-2026	2
1152	SoA	2023	Visit to Agro-meteorology Complex, Bio-technology lab and Farm Pond at ANGRAU-RARS-Tiupati	11	04.06.2023	5
1153	SoA	2023	Invited Lecture by Mr. Venkat Kalyan, Vice President and General Manager, Novo Nordisk - Gulf Cluster, Kuwait	11	11.08.2023	5
1154	SoA	2023	Study visit to Fruit Market Yard, Tiruchanoor, Tirupati	11	29.08.2023	6
1155	SoA	2023	Visit to ANGRAU- Krishi Vigyana Kendra (KVK), Kalikiri	11	31.08.2023	2
1156	SoA	2023	A study tour visit to Watershed Catchment Structure at Regional Agricultural Research Station (RARS), Tirupati	11	11.09.2023	2
1157	SoA	2023	Invited Lecture on "About CYMMIT" by Dr. I. Rajesh Reddy, CYMMIT, India Office.	117	31.10.2023	1
1158	SoA	2023	Invited Lecture on "Opportunities to study abroad" by Ms. V. Renuka, Mentor, Seattle, USA.	117	31.10.2023	5
1159	SoA	2023	One-day Workshop on Agri-Futurum: Smart Tools and Tech. in Agriculture - by Dr.M.Lakshman Rao	117	12.12.2023	3
1160	SoA	2024	Visit to ANGRAU-RARS-Tirupati to Soil Science Lab at Institute of Frontier Technology.	106	20.01.2024	2
1161	SoA	2024	Study tour to ANGRAU-Agricultural Research Station, Perumallapalli	11	06.03.2024	2
1162	SoA	2024	Study tour to Nagaravanam as a part of Agro-Forestry Course	117	07.03.2024	1
1163	SoA	2024	State Level Seminar on Honey Bee Keeping (Honey Beekeeping & Traceability Mechanism) at ANGRAU, Tirupati	100	15.03.2024	1
1164	SoA	2024	Visit to Dept.ofAgrl.Engineering, ANGRAU-S.V.Agricultural College, Tirupati	11	09.05.2024	1
1165			Field visit to Talakona Reserve Forest	50	06.06.2024	1
1166	SoA	2024	Beekeeping Training Workshop	35	28.08.2024	1

1167	SoA	2024	Visit to ANGRAU – Agri - Business Incubator (Abi) RARS, Tirupati	40	18.10.2024	1
1168	SoA	2024	Hands-on Training on Tractor Hitching with Rotavator	20	23.10.2024	1
1169	SoA	2024	Visit to ANGRAU-Bio-Fertilizer Production Unit and Bio-Control Laboratory, RARS, Tirupati	11	24.10.2024	1
1170	SoA	2024	Crop ID Station	28	25.10.2024	2
1171	SoA	2024	National Conference on Nurturing Agricultural Technologies For Uplifting Rural Economy (NATURE)	135	26.10.2024 to 28.10.2024	1
1172	SoA	2024	Calibration of Sprayer	30	20.11.2024	1
1173	SoA	2024	Hands on training on application of various pesticides techniques to combat pests, diseases and weeds	30	21.11.2024	1
1174	SoA	2024	Visit to ANGRAU-S.V.Agricultural College, Tirupati Farm and Rabi Crop Cafeteria	11	25.11.2024	1
1175	SoA	2024	World Soil Day-2024	55	05.12.2024	1
1176	SoA	2025	Demonstration on Installation of Yellow Sticky Traps for Trapping Major Sucking Pests	25	21.01.2025	1
1177	SoA	2025	Field Visit to the Farmvise, Tanapalli skill development to build a polyhouse structure	11	24.01.2025	1
1178	SoA	2025	Maize Magic: Powering Growth with Basal Fertilizer	30	25.01.2025	1
1179	SoA	2025	One day workshop on Building Agri-Entrepreneurship Awareness to the Agri Graduates	40	20.01.2025	2
1180	SoA	2025	Plant Health Monitoring Using Digital Techniques	28	21.02.2025	2
1181	SoA	2025	Visit to ANGRAU-Bio-Control Laboratory, RARS, Tirupati	25	27.02.2025	2
1182	SoA	2025	Innovative Plant Health Solutions: Pseudomonas and Trichoderma as Agripreneurs	30	05.03.2025	1
1183	SoA	2025	Guest Lecture On World Forest Day: Role Of Youth InAfforestation	120	21.03.2025	2
1184	SoA	2025	Exposure Visit to Agro-Processing Laboratory for Gaining Knowledge on Value-Added Agricultural Products	11	28.03.2025	1
1185	SoA	2025	Debate on Energy Conservation	50	28.03.2025	1
1186	SoA	2025	Innovative Approaches in Farm Mechanization: Transforming Agriculture through Technology	46	16.04.2025	1
1187	SoA	2025	World Earth Day-2025	62	22.04.2024	1
1188	SoA	2025	Waste Reduction Campaign	39	30.04.2025	1
1189	SoA	2025	Climate Policy Discuusion	30	25.04.2025	2
1190	SoA	2025	Enhancing Plant Health through Storage Hygiene and Pest Management Practices in State Warehouse Corporations-Field visit to State Warehouse Corporation, Srikalahasti	28	02.05.2025	2
1191	SoA	2025	Quadrant Quest: Counting Green One Square at a Time	30	22.05.2025	1
1192	SoA	2025	Study tour to Hyderabad to visit Regional, National and International Organisations	11	02.06.2025- 121.06.2025	1
1193	AGRI	2024	Memorandum of understanding	83	18-10-2024	1
1194	AGRI	2024	Beekeeping Workshop	52	28-09-2024	5
1195	AGRI	2024	NATIONAL CONFERENCE	122	26-07-2024 to 28-07-2024	5
1196	AGRI	2024	Visit to ANGRAU – Regional Agricultural Research Station (RARS), Tirupati	50	15-11-2024	2
1197	AGRI	2024	Visit to Thalakona Forest	52	06-06-2024	2
1198	AGRI	2025	Educational visit	42	04-06-2025	2
1199	AGRI	2025	Memorandum of understanding	35	05-02-2025	1
1200	AGRI	2025	Visit to Agro-Meteorology Observatory	85	20-01-2025	2
1201	AGRI	2025	Participatory Rural Technique by students	17	24-07-2025	1
1202	AGRI	2025	Educational Visit to Zoological Park, Tirupati	97	20-08-2025	2
1203	AGRI	2025	INTERNATIONAL CONFERENCE ON “CROPS – CLIMATE RESILIENCE OPTIMIZATION FOR PRODUCTIVITY AND SUSTAINABILITY-CROPS 2025	255	09-12-2025 To 11-09-2025	5
1204	AGRI	2026	Mentor -mentee; action taken	46	28-03-2026	1

1205	AGRI	2026	Mentor Mentee meeting	13	28-03-2026	1
1206	AGRI	2026	Mentor meeting	18	28-03-2026	1
1207	AGRI	2026	Mentor-mentee Road map	96	07-02-2026	1
1208	AGRI	2026	Mentor mentee meeting	65	04-04-2026	1
1209	SOCM	2024	Expert Lecture on Interim Budget 2024	35	06.04.2024	5
1210	SOCM	2024	SDP on Visit to Arunodaya Old Age Home	150	29.08.2024 to 30.08.2024	1
1211	SOCM	2024	Workshop on Stock Simulation Training Session	50	30.09.2024	5
1212	SOCM	2024	Workshop on Emerging Trends on Technology Management And Innovative Practices	50	30.09.2024	5
1213	SOCM	2024	Workshop on IPR	45	28.10.2024 to 30.10.2024	5
1214	SOCM	2024	Student Development Program on Developing future business and technology leaders.	150	29.10.2024 to 08.11.2024	2
1215	SOCM	2024	one-week Student Development Program (SDP) on Entrepreneurship Development	54	04.11.2024	1
1216	SOCM	2024	Expert Lectures on Sustainability Practices in Business Management	60	27.11.2024	5
1217	SOCM	2024	SDP on Intellectual Property Rights	96	28.11.2024	2
1218	SOCM	2024	Webinar on Emerging Trends Technology Management And Innovative Practices	30	09.12.2024 to 13.12.24	5
1219	SOCM	2024	A Five Day FDP program on Instructional Design and Delivery System	40	10.12.2024	3
1220	SOCM	2024	SDP on Government Measures for Entrepreneurship to Colleges	50	26.12.2024	1
1221	SOCM	2025	B Quizz	115	20.01.2025	5
1222	SOCM	2025	Webinar on Cyber Security for Managers : Balancing Technology & Risk.	110	23.01.2025	5
1223	SOCM	2025	International Industry Expert Talk on Design thinking	96	25.02.2025	5
1224	SOCM	2025	SDP : The Future of work Managing Emerging Technologies & Team	130	12.03.2025	2
1225	SOCM	2025	An SDP on Block Chain and Beyond: Managing Technology Transformation In Enterprises	70	07.04.2025	2
1226	SOCM	2025	A seminar on global citizenship and partnerships	52	23.04.2025	5
1227	SOCM	2025	A program on lining students with community leaders in rural adminstration for sustainable development	60	23.04.2025	1
1228	SOCM	2025	A lecture on the role of NGOs in protecting environment	101	07.05.2025	1
1229	SOCM	2025	A seminar on Financing for development initiatives	69	08.05.2025	5
1230	SOCM	2025	A visit to Coca Cola Company on sustainable production process	130	19.05.2025	1
1231	SOCM	2025	SDP on SDG 13 Climate action-Youth climate action lab	50	20.05.2025	1
1232	SOCM	2025	An expert lecture on Green Finance Investment	51	31.05.2025	5
1233	SCM	2025	Student Development Programme	63	10-12-2024	1
1234	SCM	2025	Expert Talk	96	19-07-2025	5
1235	SCM	2025	Research Methodology UDVIKAS-24 Empowering Tomorrow	69	12-03-2024 to 18-03-2024	1
1236	SCM	2025	Expert Talk	52	31-05-2025	5
1237	SCM	2025	Application of SPSS in Data Analysis	36	30-07-2025	1
1238	SCM	2025	Industrial Visit	62	08-05-2025	2
1239	SCM	2025	New Courses Introduced	19	15-08-2025	1
1240	SCM	2025	Two Day Workshop on Indian Capital Markets	62	06-08-2025 to 07-08-2025	5
1241	SCM	2025	SDG, IKS, NSQ courses and NEP inclusion in curriculum	72	15-08-2025	1
1242	SCM	2025	Administrative Training Program	75	01-07-2025	2
1243	SCM	2025	Student Development Program	52	30-07-2025	1
1244	SCM	2025	Student Development Program	16	31-07-2025	1
1245	SCM	2025	Visiting rofessors	102	15-07-2025 to 14-11-2025	2
1246	SCM	2025	Registration for PHD	58	15-08-2025	1

1247	SCM	2025	Competitive Trainig	10	31-07-2025	2
1248	SCM	2025	International Conference	75	26-09-2025 to 27-09-2025	5
1249	SCM	2025	parent teacher meeeting	65	30-07-2025	1
1250	SCM	2025	Promoting SDG Awareness through poster presentations	62	01-08-2025	1
1251	SCM	2025	Communication to Lead: Essential skills for Business Graduates	36	22-09-2025	1
1252	SCM	2025	Guest Lecture	60	19-09-2025	5
1253	SCM	2025	AN AWARENESS SESSION ON HIGHER EDUCATION FOR BUSINESS GRADUATES	38	24-09-2025	1
1254	SCM	2025	bridge course on accounting and economics	61	23-09-2025	1
1255	SCM	2025	Value Added	81	02-09-2025 to 30-11-2025	1
1256	SCM	2025	SDP	80	20-09-2025 to 25-09-2025	1
1257	SCM	2025	SDP	80	20-09-2025 to 25-09-2025	1
1258	SCM	2025	SPSS for Smart Managers	73	14-10-2025	1
1259	SCM	2025	Devika Dasari	85	25-10-2025	1
1260	SCM	2025	Access, Innovation, and Water Governance	50	24-09-2025	1
1261	SCM	2025	"Inclusive and Equitable Quality Education".	76	13-11-2025	1
1262	SCM	2025	MBA Spectrum 2.0 – Explore. Evaluate. Excel	45	06-11-2025	1
1263	SCM	2025	Guest lecture	77	07-11-2025	5
1264	SCM	2025	Application of Statistical Tools in Business Research by Using SPSS	45	04-11-2025	1
1265	SCM	2025	Expert Talk on Innovations in Retail Management	83	07-11-2025	5
1266	SCM	2025	Promoting SDG Awareness through Poster Presentations	85	01-08-2025	1
1267	SCM	2025	FDP	30	24-01-2026 to 28-02-2026	3
1268	SCM	2026	Guest lecture	62	06-03-2026	5
1269	SCM	2026	Syllabus Revision	95	06-08-2025	1
1270	SCM	2026	Dr.A.Chiranjeevi	125	28-01-2026	1
1271	SCM	2026	Capacity Enhancement and Skill Development Activity on Data Analysis using SPSS from Raw Da	75	06-03-2026	1
1272	SCM	2026	fantastic five elements for employability	27	25-10-2025	6
1273	SCM	2026	MBA EDGE IN THE IT INDUSTRYUNLOCKING CAREERS & OVERCOMING CHALLENGES	28	18-09-2025	1
1274	SCM	2026	ICT TOOLS USAGE	45	10-03-2026	1
1275	SCM	2026	Career Development Activity	88	09-03-2026	1
1276	SCM	2026	Two ays work shop	54	17-03-2026	1
1277	SCM	2026	ict tools	73	23-03-2026	1
1278	SCM	2026	International Conference	100	06-11-2025 to 08-11-2025	5
1279	SCM	2026	ICT Tools	48	24-03-2026	1
1280	SCM	2026	Workshop	52	24-03-2026	5
1281	SCM	2026	Dr. P. Subramanyachary	52	25-03-2026	1
1282	SCM	2026	financial awareness program	45	31-03-2026	1
1283	SCM	2026	Data Visualisation using Advanced Microsoft Excel Session 1	49	18-03-2026	1
1284	SCM	2026	Data Visualisation using Advanced Microsoft Excel Session 2	75	18-03-2026	1
1285	SCM	2026	SKILL DEVELOPMENT	29	07-11-2025	1
1286	SCM	2026	Industrial Visit	84	30-03-2026	2
1287	SCM	2026	Awarness of research paper	62	26-03-2026	1
1288	SCM	2026	From Data to Decisions: SPSS Workshop for Job-Oriented Skills	56	30-03-2026	5
1289	SCM	2026	MENTOR-MENTEE	13	01-04-2026	1

1290	SCM	2026	Workshop	84	02-04-2026	5
1291	SCM	2026	no of admistrative programs for non teaching staff	42	09-04-2026	1
1292	SCM	2026	PDP fr non teaching staff	95	08-04-2026	1
1293	SCM	2026	yukti registration	46	16-04-2026	1
1294	SCM	2026	Training Program on Quality Enhancement and NAAC Documentation	48	15-04-2026	2
1295	SCM	2026	Devika Dasari	46	21-04-2026	1
1296	SCM	2026	YUKTI REGISTRTION	47	22-04-2026	1
1297	SCM	2026	Fashion Show in Traditional Dressing	43	13-01-2026	1
1298	SPAHCS	2023	World hypertension day	500	17.05.2023	1
1299	SPAHCS	2023	World hypertension day	210	27.05.2023	1
1300	SPAHCS	2023	World emergency medicine day	200	31.05.2023	1
1301	SPAHCS	2023	World No tobacco day	600	27.07.2023	5
1302	SPAHCS	2023	Dental health camp	520	10.11.2023	2
1303	SPAHCS	2024	World radiology day	500	09.02.2024	2
1304	SPAHCS	2024	BLS- Basic life support	450	21.03.2024	2
1305	SPAHCS	2024	World kidney day	520	21.06.24 & 22.06.24	6
1306	SPAHCS	2024	National conference on Allied Health Care Sciences	300	13.08.2024	1
1307	SPAHCS	2024	World organ donation day	50	31.08.2024	5
1308	SPAHCS	2024	Physiotherapy Awareness Program	100	05.09.2024	5
1309	SPAHCS	2024	One day program on World physiotherapy day	40	14.10.2024	1
1310	SPAHCS	2024	Community helath camp Meet & Greet	40	19.10.2024	1
1311	SPAHCS	2024	Community helath camp Hygeine and Nutrition awareness	40	25.10.2024	1
1312	SPAHCS	2024	Community helath camp BP ASSESSMENT AND AWARENESS : ADULTS AND GERIATRICS	400	26.10.2024	5
1313	SPAHCS	2024	Stress management	100	29.10.2024	2
1314	SPAHCS	2024	Recent advancements in cardiac implantable electrical devices	40	05.11.2024	1
1315	SPAHCS	2024	Community helath camp BMI Assessment	119	06.11.2024	2
1316	SPAHCS	2024	Concepts of anaesthesia for physiotherapists (Webinar)	40	12.11.2024	1
1317	SPAHCS	2024	Community helath camp Importance of personal protection	250	16.11.2024	2
1318	SPAHCS	2024	Continuous Medical Education(CME) on World Radiology Day	40	21.11.2024	2
1319	SPAHCS	2024	Community helath camp Choking management	50	24.11.2024	2
1320	SPAHCS	2024	World COPD day (poster presentation) & COPD campaign	40	30.11.2024	1
1321	SPAHCS	2024	Community helath camp Fracture management	40	05.12.2024	1
1322	SPAHCS	2024	Community health camp Precautionary measures in the winter season	40	17.12.2024	1
1323	SPAHCS	2024	Community health camp Pediatric growth assessment	50	23.12.2024	2
1324	SPAHCS	2024	Workshop on Advanced Laboratory Techniques	40	24.12.2024	2
1325	SPAHCS	2024	Community health camp Conventional Infection control	100	27.12.2024 to 29.12.2024	1
1326	SPAHCS	2024	Health care providers for sports	40	31.12.2024	2
1327	SPAHCS	2025	Community helath camp1: Woman health assessment and pre & post menopausal awareness	500	06.01.2025	1
1328	SPAHCS	2025	Student Survey "Navigating Asthma Care in Unpredictable Weather Condition"	20	07.01.2025	3
1329	SPAHCS	2025	Community health camp 2: Door-to-door BP and pulse checks	120	24.01.2025	3
1330	SPAHCS	2025	Cervical cancer awareness program	350	28.01.2025	3
1331	SPAHCS	2025	Health Awareness camp on HMPV Infection	31	06.02.2025	2

1332	SPAHCS	2025	Acadicell at the Crescent Innovation and Incubation Council (CIIC) campus in Chennai.	20	07.02.2025	2
1333	SPAHCS	2025	Community awareness program “Respiratory Health in the Elderly”	64	11.02.2025	3
1334	SPAHCS	2025	Poster presentation on “Innovative equipment for empowering disabilities”	100	18.02.2025	1
1335	SPAHCS	2025	Why Heart Attacks Are Rising Among Young People	210	18.02.2025	1
1336	SPAHCS	2025	Health Awareness camp at Kotala Village “Promoting Health Literacy activities”	90	04.03.2025	2
1337	SPAHCS	2025	Seminar on Recent advancements in Dialysis Technology	45	20.03.2025	2
1338	SPAHCS	2025	Webinar on Neuropharmacology	70	24.03.2025	5
1339	SPAHCS	2025	World Tuberculosis Day – Guest Lecture	130	25.03.2025	5
1340	SPAHCS	2025	World Optometry Day - Eye camp	20	24.03.2025	1
1341	SPAHCS	2025	Community camp 1: “Dental hygiene – management of oral health”	20	25.03.2025	1
1342	SPAHCS	2025	Community camp 2: “Ergonomic assessment – body posture to reduce physical injuries”	150	01.04.2025	1
1343	SPAHCS	2025	Organize a photo exhibit showcasing womens's stories	20	19.04.2025	5
1344	SPAHCS	2025	Vaccination awareness campaigns	20	19.04.2025	1
1345	SPAHCS	2025	SDG Week 1: “Prevention measures in summer season – heat related disorders.”	20	19.04.2025	1
1346	SPAHCS	2025	SDG Week 2: “Preventions of falls - Avoiding of falling of patients.”	20	23.04.2025	1
1347	SPAHCS	2025	SDG Week 2: “Awareness on alcohol and drug abuse - Awareness and effects of alcohol and drugs.”	20	24.04.2025	1
1348	SPAHCS	2025	SDG Week 2: “Drowning management - Management of drowning patients.”	45	24.04.2025	1
1349	SPAHCS	2025	Workshops on alternative medicine	30	24.04.2025	1
1350	SPAHCS	2025	Free gym memberships	250	26.04.2025	3
1351	SPAHCS	2025	Awareness on Heatstroke: Prevention and Management	112	26.04.2025	2
1352	SPAHCS	2025	Poster presentation on "Radiation and its Hazards".	130	06.05.2025	1
1353	SPAHCS	2025	Hand Sanitization Awareness Program	138	06.05.2025	1
1354	SPAHCS	2025	SDG : Workshop on World Hand Hygiene Day	109	08.05.2025	1
1355	SPAHCS	2025	SDG : Healthy Cooking Competition	70	12.05.2025	1
1356	SPAHCS	2025	SDG : Health awareness program on Nutrition	110	13.05.2025	1
1357	SPAHCS	2025	SDG : Good health and well-being, Quality education	100	20.05.2025	1
1358	SPAHCS	2025	SDG : Emergency Pre Care Hospital Services (Good Health and Well Being)	20	21.05.2025	1
1359	SPAHCS	2025	Community Camp 1: "Osteoarthritis assessment and management."	30	21.05.2025	1
1360	SPAHCS	2025	Community cleanup for sanitation	93	13.06.2025	1
1361	PARA	2025	Appointed as Member In NGO(AADHAR Foundation)	15	28-02-2026	1
1362	PARA	2025	MoU with AMARA Multispeciality Hospital	24	28-02-2026	1
1363	PARA	2025	MoU with Ankura Hospital for women and children	72	24-01-2026	1
1364	PARA	2025	MoU with DBR & SK Superspeciality Hospital	56	07-02-2026	1
1365	PARA	2025	MoU with Medigo Multi Speciality Hospital	43	12-03-2026	1
1366	PARA	2025	MoU with Mother Hospital	45	23-03-2026	1
1367	PARA	2025	MoU with Omega hospitals	26	30-01-2026	1
1368	PARA	2025	MoU with RUSHH Hospitals Pvt.Ltd	92	03-03-2026	1
1369	PARA	2025	SDGs Implementation Initiation activities	58	24-03-2026	1
1370	PARA	2025	MoU with Sekhar Physiotherapy Hospital	81	26-03-2026	2
1371	PARA	2025	MoU with Sree Ramadevi Hospital	36	30-03-2026	1
1372	PARA	2025	MoU with Sri Maruthi Hospitals	49	13-03-2026	1
1373	PARA	2025	MoU with Surendra Multispeciality Hospitals	71	07-03-2026	1

1374	PARA	2025	MoU with Venkataramana Heart & maternity Hospital	56	07-03-2026	1
1375	PARA	2025	MoU with Yash Hospitals	26	27-03-2025	1
1376	PARA	2025	MoU with Vasan Eye Care hospital	38	11-04-2025	1
1377	PARA	2025	SPSS for Academicians:Bridging research and practice	23	14-05-2024	1
1378	PARA	2025	International Conference	340	24-10-2025 to 26-10-2025	5
1379	PARA	2025	Parents Teacher Meeting	78	26-09-2025 to 27-09-2025	1
1380	PARA	2025	MoU with Tata Cancer care Institute(SVICCAR)	15	06-12-2025	1
1381	PARA	2025	ATTENDED AS EXTERNAL BOS MEMBER	85	05-06-2025	1
1382	PARA	2025	"SPSS for Academicians:Bridging research and practice"	29	14-10-2025 to 18-10-2025	1
1383	PARA	2025	Parents-Teacher meeting	43	12-09-2025	1
1384	PARA	2025	International Conference	25	24-10-2025 to 26-10-2025	5
1385	PARA	2025	PARENT TEACHER MEETING	46	15-09-2025	1
1386	PARA	2025	International Conference	58	24-10-2025 to 26-10-2025	5
1387	PARA	2025	"SPSS for Academicians:Bridging research and practice"	26	14-10-2025 to 18-10-2025	1
1388	PARA	2025	MoU with SVICCAR Hosplital	37	06-12-2025	1
1389	PARA	2025	COLLABORATION WITH SV UNIVERSITY,DEPT OF PHYSICAL EDUCATION	19	09-12-2025	1
1390	PARA	2025	COLLABORATION WITH BIIRD HOSPITAL	94	16-12-2025	1
1391	PARA	2025	New Couses introduced & revised (Board of Studies meeting)	76	29-11-2025	1
1392	PARA	2025	REMEDIAL CLASSES	85	03-09-2025 to 24-09-2025	1
1393	PARA	2025	REMEDIAL CLASSES	26	03-09-2025to 25-09-2025	1
1394	PARA	2026	TECHNOMED ELECTRONICS INDUSTRIAL VISIT	41	25-03-2026	2
1395	CE	2022	SDG : Eye Screening Drive 2025	131	02.07.2022	2
1396	CE	2022	Field visit to Kalyani Dam	60	05.07.2022	1
1397	CE	2022	Expert Lecture on Deterioration of Concrete	90	11.07.2022	5
1398	CE	2022	Expert Lecture on Career Counseling for Civil Engineering Students	150	29.07.2022	5
1399	CE	2022	Expert Lecture on Construction management in infrastructure aspects of METRO	92	30.07.2022	5
1400	CE	2022	Expert Lecture on Project Management	120	29.07.2022 to 30.07.2022	5
1401	CE	2022	Two – Day Workshop on Total Station	60	02.08.2022	5
1402	CE	2022	Site Visit on Road Construction	110	05.08.2022	1
1403	CE	2022	Expert Lecture on Environmental Management in Mines and Thermal units	20	05.08.2022	5
1404	CE	2022	Outreach Activity on Energy Conservation Practices in Residential Buildings	55	10.08.2022	2
1405	CE	2022	Expert Lecture on Design of Offshore Structures	20	20.08.2022	5
1406	CE	2022	Outreach Activity on Water Conservation Techniques and Tips in Rural Villages	80	15.09.2022	2
1407	CE	2022	Quiz Competition on the theme "Energy Conservation in Buildings"	140	15.09.2022	5
1408	CE	2022	Dr. K. L . Rao - Father of India's Water Management and Agriculture	85	16.09.2022	1
1409	CE	2022	Outreach & Awareness Program on Planting Saplings & Importance of Plants	114	17.09.2022	2
1410	CE	2022	Expert Lecture on Construction Management and its Career Opportunities	10	27.09.2022	5
1411	CE	2022	Site Visit on Apartment Construction "GSK Enclave"	55	01.10.2022	1
1412	CE	2022	Expert Lecture on Case Studies on Applications of Geosynthetics on Slope Stabilization	40	11.10.2022	5
1413	CE	2022	Orientation Program on "Significance and Applications of Civil Engineering to Society and Industry"	40	15.10.2022	5
1414	CE	2022	Expert Lecture on Self Compacting Concrete (SCC) – A Case Study	300	27.10.2022	5
1415	CE	2022	Guest Lecture on Significance of Geotechnical Investigations in Infrastructure Aspects	80	29.10.2022	5

1416	CE	2022	Paper Presentation	63	29.10.2022	1
1417	CE	2022	Awareness Program on Afforestation and its importance	133	02.11.2022	1
1418	CE	2022	workshop on Differential Geographical Positioning System (DGPS)	40	02.11.2022	2
1419	CE	2022	Jigsaw Puzzle	110	04.11.2022	1
1420	CE	2022	Field Visit to Hybrid Model of Constructed Wetlands and Effluent Treatment Plant	50	07.11.2022	2
1421	CE	2022	poster presentation on Plumbing items and flooring tiles	130	09.11.2022	1
1422	CE	2022	Expert Lecture on Ground Improvement Aspects for Different Components of Large Earth-cum-Rockfill Dams: A Case Study of Polavaram Irrigation Project	54	10.11.2022	5
1423	CE	2022	Industrial Visit to ISRO - Sathish Dhawan Space Centre (SHAR), Sriharikota, Andhra Pradesh	125	17.11.2022	1
1424	CE	2022	GGBS for Strong, Durable, Sustainable, & Green Concrete Constructions	20	19.11.2022	2
1425	CE	2022	Outreach Activity, A Visit to Bandarlappalli Aganwadi Centre & Pre-Primary School	60	23.11.2022	2
1426	CE	2022	Expert Lecture on Foundation Analysis using STAAD Pro	120	24.11.2022	5
1427	CE	2022	Interactive Session with Mr. Uday Singh Gautam, Program Manager & Sanitation Expert, AP State Sanitation Project on "Solid and Liquid Waste Management"	50	02.12.2022	6
1428	CE	2022	Experiential Learning on Investigation on Building Components and finishing, at Ritya Heights, Perur, Tirupati	150	02.12.2022	2
1429	CE	2022	Orientation in Geopolymer Concrete – A Innovative Approach	50	03.12.2022	5
1430	CE	2022	Seminar on Indian Constitution – its Implications on Indian Citizens	60	09.12.2022	2
1431	CE	2022	Recent Innovations in Concrete Technology	190	17.12.2022	2
1432	CE	2022	Treasure Hunt	60	30.12.2022	2
1433	CE	2023	Poster Presentation on Brick Masonry Types – Merits and Demerits	90	02.01.2023	2
1434	CE	2023	Alumni Interaction – Higher Studies and Opportunities in Civil Engineering	200	03.01.2023 to 04.01.2023	6
1435	CE	2023	Geotechnical Fiesta – 2K22	50	03.03.2023	2
1436	CE	2023	Technical Quiz	50	10.03.2023	2
1437	CE	2023	Technical Quiz	50	17.03.2023	2
1438	CE	2023	Technical Quiz	50	08.03.2023	2
1439	CE	2023	Wrangle of Words on Future Scope of Civil Engineering	55	07.05.2023	5
1440	CE	2023	Just A Minute (JAM)	60	13.05.2023	2
1441	CE	2023	Poster Presentation, Art Gallery, Dumb Charades & Musical Chair	75	13.05.2023	2
1442	CE	2023	Kabaddi competition	50	19.05.2023	5
1443	CE	2023	Awareness Program on The World Environment Day	53	20.05.2023	2
1444	CE	2023	Cricket	30	04.06.2023	2
1445	CE	2023	Outreach Activity: Distribution of Plant Saplings on World Environment Day	10	03.06.2023	2
1446	CE	2023	Poster Presentation on "IoT in Civil Engineering"	40	05.08.2023	2
1447	CE	2023	Social Gathering – I at Fasak Canteen, SVEC	120	18.08.2023	2
1448	CE	2023	Guest Lecture on Career options in Civil Engineering and Construction of Mega Nuclear Power Project	24	25.08.2023	5
1449	CE	2023	Quiz Snake Buzz	80	05.09.2023	2
1450	CE	2023	Technical Crossword	80	15.09.2023	2
1451	CE	2023	Engineers' Day Celebrations- Lecture on "Dr. K. L. Rao - Father of India's Water Management and Agriculture"	100	15.09.2023	5
1452	CE	2023	Guest Lecture on Key Note Lecture on commemorate the birthday of Bharat Ratna Sir Mokshagundam Visvesvaraya	100	12.10.2023	5

1453	CE	2023	Expert Lecture on “Earthquake Resistant Design of RC Building Using Cloud Based Structural Design Software – MvDad”	110	12.10.2023	5
1454	CE	2023	Expert Lecture on Introduction of in-house developed MvDad Cloud based RC Building Earthquake Resistant Structural Design Software	11	18.10.2023	5
1455	CE	2023	Structural Photography Competition	83	19.10.2023	2
1456	CE	2023	Workshop on Sustainable Building Construction	90	02.11.2023	5
1457	CE	2023	Guest Lecture on Civil Engineering - Careers and Entrepreneurship	21	3.11.2023	6
1458	CE	2023	Elect and Explore	60	04.11.2023	2
1459	CE	2023	A Field Visit to “Kalyani Dam”, A. Rangampet, Chandragiri Mandal, Tirupati District, Andhra Pradesh, India	30	04.11.2023	2
1460	CE	2023	Social Gathering – II at Kalyani Dam	20	07.11.2022	5
1461	CE	2023	Orientation Program for Fresher’s On “Civil Engineering – Legacy and Career Opportunities”	35	09.11.2023	5
1462	CE	2023	Field visit to Sewage Treatment Plant at V Block	92	10.11.2023	2
1463	CE	2023	An Industrial Visit to “ISRO Satish Dhawan Space Centre SHAR”, Sriharikota Andhra Pradesh, India.	30	10.11.2023	2
1464	CE	2023	Social Gathering – III at ISRO Satish Dhawan Space Centre SHAR	10	17.11.2023	2
1465	CE	2023	Cadhton Competition	60	17.11.2023	2
1466	CE	2023	Empathy Hour(Feel the Pain)	16	13.12.2023	5
1467	CE	2023	Community Service: Outreach Activity on “Rainwater Harvesting” at A.Rangampet (V), Chandragiri Mandal, Tirupati district, A.P, India	30	13.12.2023	2
1468	CE	2024	Social Gathering – IV at A.Rangampet	24	01.02.2024	2
1469	CE	2024	Debate War	120	30.03.2024	2
1470	CE	2024	Awareness Program on Importance of Clean and Green at our Surroundings	16	03.04.2024	2
1471	CE	2024	Site Visit – Building Construction near Kuchivari Palli, A Rangampet.	43	03.08.2024	2
1472	CE	2024	Field Visit to “Construction Site of Indoor Stadium - Sustainable Structure and Smart Kitchen	18	10.08.2024	2
1473	CE	2024	Technical Poster Presentation on Geotechnical Structures	60	17.08.2024	2
1474	CE	2024	An Industrial Visit to “AP State Disaster Response and Fire Services Department”, Tirupati	20	21.08.2024	2
1475	CE	2024	An Orientation Program for Civil Freshers on Civil Engineering – Legacy and Career Opportunities	20	24.08.2024	5
1476	CE	2024	Poster Presentation on “AI & IoT in Civil Engineering:”	20	30.08.2024	2
1477	CE	2024	Structural Photography Competition on “Structures & Bridges in India”	45	13.09.2024	2
1478	CE	2024	A Field Visit to “Kalyani Dam”	55	19.09.2024	2
1479	CE	2024	Technical Quiz Competition	70	27.09.2024	2
1480	CE	2024	Technical Presentations on “Sustainable Geotechnics in Smart Cities”	20	28.09.2024	2
1481	CE	2024	Cadhton Competition	45	30.09.2024	2
1482	CE	2024	Capture the Mother Earth	45	9.10.2024	2
1483	CE	2024	Technical Presentations (PPTs) on "Remote Sensing and GIS Applications in Civil Engineering"	12	19.10.2024	2
1484	CE	2024	Outreach Activity on Sensitization on Water Conservation at Rural Communities At A. Rangampet village	100	22.10.2024 to 26.10.2024	2
1485	CE	2024	Five Days Workshop on “Primavera P6 – Project Management Software”	22	07.11.2024	5
1486	CE	2024	an event on building bridges with Ice Cream Sticks called Bridge - O - Thon	90	08.11.2024	2
1487	CE	2024	Field Visit to “Municipal Sewage Treatment Plant” at Tirupati	12	15.11.2024	2

1488	CE	2024	an event Cadthon	20	20.12.2024	2
1489	CE	2024	Establishment of Rain water Harvesting Systems at Individual House Level, Kotala village, Chandragiri Mandal, Tirupati District, Andhra Pradesh	65	28.12.2024	2
1490	CE	2024	An Industrial Visit to Heritage Dairy Industry and Treatment Plant Kasipentala village, Chandragiri Mandal, Tirupati District, Andhra Pradesh	30	28.12.2024	2
1491	CE	2025	Social Gathering – III at Heritage Dairy Industry and Treatment Plant, Kasipentala, Chandragiri Mandal, India	14	04.02.2025	2
1492	CE	2025	A Field Visit to “Construction Site of Rigid Pavement-Cement Concrete Road in Mohan Babu University, Tirupati	35	05.02.2025	2
1493	CE	2025	GUESS THE BEHIND	20	06.02.2025	2
1494	CE	2025	Seminar online on Polarimetric GNSS-Reflectometry Capabilities: The SMAP-R Dataset	45	11.02.2025	5
1495	CE	2022	Opportunities for GATE scorers in Civil Engineering	65	29.01.2022	5
1496	CE	2025	Seminar	35	24-09-2025 to 26-09-2025	2
1497	CE	2025	A Field Visit of “Newly Constructed Sewage Treatment Plant (STP)”, Near Parent Guest House, MBU-Campus	25	06-11-2025	5
1498	CE	2025	Lecture on “Civil Engineering – Legacy and Career Opportunities”	31	14-11-2025	5
1499	CE	2025	Mohana Mantra 2K25 - Technoholic and Workshops “Bridge-O-Mania”	37	10-10-2025 to 11-10-2025	1
1500	CE	2025	Mentor-Mentee: Road Map for mentees and actions taken	83	23-10-2025	1
1501	CE	2025	Interaction with students	89	23-12-2025 to 24-12-2025	1
1502	CE	2026	Report for “Road Maps for Mentor Mentee: A road map for mentees and action taken”_organized	90	23-01-2026 to 24-01-2026	5
1503	CE	2026	Guest Lecture on "Applications of Principles of Reliability and Risk Analysis of Structures"	55	21-01-2026	1
1504	CE	2026	Office File Managment & Documentation	23	11-03-2026	2
1505	CE	2026	Google Workspce: Docs, Drive, Gmail, Calendar	86	11-02-2026	5
1506	CE	2026	Lecture on “Higher Education Admissions across Different Countries”	74	05-03-2026	2
1507	CE	2026	Name of the Event: "APSSDC AUTOCAD One Week Training Programme”	18	16-02-2026 to 21-02-2026	2
1508	CE	2026	APSSDC Structural Engineering One Week Training Programme	36	09-03-2026 to 13-03-2026	1
1509	CE	2026	Using ICT Virtual Labs in Basic Engineering Mechanics and Strength of Materials	35	26-03-2026	2
1510	CA	2022	An Expert Lecture on “Deep Learning Techniques for Computer Vision” by Dr. Karthik Seemakurthy, Postdoctotal Reaerch Associate in Lincoln Agri-Robotics, Lincoln Institute of Agri-Food Technology,UK.	280	19.02.2022	5
1511	CA	2022	A One Day Workshop on “Application Development Using SPRING Framework”	42	28.02.2022	5
1512	CA	2022	Technical talk on No Code- Low Code	50	25.02.2022 to 16.03.2022	3
1513	CA	2022	Value Added Course on Application Development Skills	38	21.04.2022	1
1514	CA	2022	Technical talk on Research trends in Quantum Computing	95	24.04.2022	3
1515	CA	2022	An Expert Lecture on “AWS Cloud Fundamentals”	75	24.04.2022	5
1516	CA	2022	An Expert Lecture on “AWS Cloud Fundamentals” by Ms. Nandini Gowda P, Assistant Professor, Department of ISE, East point College of Engineering and Technology, Bangalore.	100	25.06.2022	5
1517	CA	2022	A Workshop on “Android Application Development”	93	27.08.2022	5
1518	CA	2022	An Expert Lecture on Data Warehouses for Data Scientists by Mr. Naveen Kumar C, Lead Software Engineer, EPSILON Bangalore	60	21.10.2022	5

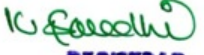
1519	CA	2022	Awareness Session on Cyber Crime and Social Media Issues	30	06.12.2022	2
1520	CA	2022	Outreach Program on "PLASTIC WASTE FREE CAMPUS"	30	06.12.2022	2
1521	CA	2022	Outreach Program on "Advanced E-Learning Resources	120	12.12.2022	2
1522	CA	2022	A Seminar on Statistical Modeling Using R Programing	56	12.12.2022	5
1523	CA	2023	An Expert Lecture on Statistical Analysis using R by Prof. Vandurangi Ravindranath Department of Mathematics, J. N. T. University, Kakinada	73	17.04.2023 to 04.05.2023	5
1524	CA	2023	Introduction to Machine Learning & Deep learning	102	10.11.2023	5
1525	CA	2023	A Workshop on "HOW AI IS IMPACTING CAREERS OF SOFTWARE PROFESSIONALS"	98	15.11.2023.	5
1526	CA	2023	A Webinar on Career Opportunities and Counseling	50	22.02.2024	5
1527	CA	2023	A Workshop on Fullstack Development	300	24.02.2024	5
1528	CA	2023	A Seminar on Artificial Intelligence & Data Analytics for Computer Applications	370	26.02.2024 to 18.04.2024	5
1529	CA	2023	SDTP on C Programming	225	05.02.2024 to 06.02.2024	1
1530	CA	2023	Workshop on 2 Days In-Campus Workshop on "Front-End Development: Learn-Code-Project" by Capabl Expert Team	150	03.05.2024 to 04.05.2024	5
1531	CA	2023	A Two day Workshop on "Oracle Data integrator"	158	20.01.2023	5
1532	CA	2023	Guest lecture on Globalization recession impact on IT industry Mr. Shiva Makutam, Independent Director, Bharath Earth Movers Limited, Dept of Defence productions Ministry or Defence, Govt. of India	200	13.04.2023	5
1533	CA	2023	A Seminar on CV writng and interview skills	75	05.04.2023	6
1534	CA	2023	Swachh Bharath Abhiyan	58	27.02.2023 to 09.03.2023	6
1535	CA	2023	Training programme on Problem Solving in Data Structure and Advance Data Structure through Python"	50	13.10.2023	6
1536	CA	2023	Creating awareness on Advanced Technologies	54	03.08.2023 to 02.09.2023	2
1537	CA	2023	SAP Certification Training Program	74	11.10.2023 to 06.11.2023	6
1538	CA	2023	SAP HANA	198	04.10.2023	6
1539	CA	2023	Mr. Mayank Arora, Founder & CEO of Capabl from Bengaluru, Karnataka, India Full Stack Development Program	60	10.10.2023	6
1540	CA	2023	Dr. A. Obulesh, head Department of AI, QA lead, VJIT College, Hyderabad An Expert Lecture On "5 Pen PC Technology	70	13.10.2023	5
1541	CA	2025	outreach program on "creating awareness on Advanced Technologies, ZP High School, Chandragiri	58	21.02.2025	2
1542	CA	2023	Expert Talk On "IPR For Innovators: Enhancing Research Outcomes Through Protection"	120	20.01.2023	4
1543	CA	2023	Globalization Recession Impact on IT Industry by Mr. Siva Makutam	38	28.01.2023	6
1544	CA	2023	Interactive session with Alumni Mr. S. Venkata Surendra, Developer,JD Group, Hyderabad, Mr. Ummar Basha Shaik, Senior Application Developer, Fujitsu Consulting India Pvt. Ltd., Chennai and Mr. Suresh Sudartha, Software Engineer, TCS, Bangalore	45	31.01.2023	6
1545	CA	2023	Interactive session on "Mern Stack Development" with industry academia Mr. Kureti Maheswara Rao,Manager, Vector India, Hyderabad	43	19.03.2023	6
1546	CA	2023	Interactive session with Alumni Mr. S. Venkateswarlu,Software Engineer, TCS, Banglore	200	13.04.2023	6
1547	CA	2023	A Workshop on CV writng and interview skills by Mr. Sreedhar, Kautilya Institutions	55	17.04.2023 to 30.04.2023	6

1548	CA	2023	Value Added Course Introduction to Machine learning Naveen Paluru, Ph.d Student, Medical Imaging Group, Dept. of Computational and Data sciences, Indian Institution of Sciences(IISC), Banglore	60	19.04.2023	1
1549	CA	2024	Interaction session with Alumni Mr. K. Ganesh, Full Stack Developer, EPAM Systems, Bangalore for MBU MCA students	125	29-08-2024	6
1550	CA	2024	Alumni interaction by Mr.O. Karthik and Mr. S. Panchajanya, Salesforce Developer, Sree Ram Properties, Bangalore	150	02.09.2024 to 04.09.2024	6
1551	CA	2024	A Workshop on Advances in Artificial Intelligence by IEEE-Industry Application Society student chapter Mr. T. Ganesh Reddy CEO & Founder Conzura Soft Solutions	142	18.09.2024 to 20.09.2024	5
1552	CA	2024	A Workshop on Python Programming by Collaboration with IEEE Industry Application Society IAS	96	21.09.2024	5
1553	CA	2024	Outreach Activities on Awareness on recent technologies in AI	36	21.09.2024	1
1554	CA	2024	Outreach Activities on Good Touch and Bad Touch	150	24.10.2024	1
1555	CA	2024	Expert lecture on Unlocking Business Insights with Data Analytics in Power BI by Mr. Rama Vempati CoE & Delivery leader for Digital Engineering	300	29.10.2024	5
1556	CA	2024	A Workshop on Software testing and Automation tools by Mr. P. Liyaz Senior Software Engineer, Wipro, Bangalore.	150	11.11.2024	5
1557	CA	2024	A Workshop on AWS Gen AI Camp - Hands-on Workshop with Amazon Bedrock by AWS Cloud Club.	350	09.11.2024 to 10.11.2024	5
1558	CA	2025	Data Drive on 24-hour virtual machine learning competition by IEEE Computer Society Student Club	45	22.02.2025	5
1559	CA	2025	SDP on 30-hour Skill Development Program	300	07.03.2025	1
1560	CA	2025	A Seminar on AI Application Development using Cloud by Mr. Gopi Suman Addanke Wealth Management Technology Lead Mass Mutual Inc, USA	67	21.02.2025	5
1561	CA	2025	Expert Talk On "IPR for Innovators: Enhancing Research Outcomes through Protection	77	28.02.2025	5
1562	CA	2025	Technical Association activity on Role of AI, ML, and Deep Learning in Innovation, Incubation, and Entrepreneurship by IIC MBU & Computer Applications	50	28.03.2025	2
1563	CA	2025	Industrial visit to NARL Gadanki for I MCA Students accompanied by the faculty Dr. A. Jyothi Babu, Professor, Ms. P. Neeraja, Assistant Professor	50	28.03.2025	5
1564	CA	2024	Workshop	303	29-10-2024	5
1565	CA	2025	INDUSTRIAL VISIT	63	28-03-2025	2
1566	CA	2025	Student Development Programme on JAVA	52	22-02-2025 to 05-04-2025	2
1567	CA	2025	Seminar on "AI Application Development using Cloud"	311	07-03-2025	5
1568	CA	2025	Value Added Course on Systematic Thinking in Computing	63	10-09-2025 to 31-10-2025	1
1569	CA	2025	Workshop	100	22-09-2025	5
1570	CA	2025	Industrial Visit	52	20-09-2025	2
1571	CA	2025	Expert Lecture	72	16-09-2025	5
1572	CA	2025	Career counselling Session for MCA Students From our Alumni	41	30-08-2025	1
1573	CA	2025	Seminar	81	24-10-2025	5
1574	CA	2025	Alumni Relations Report: 2010–2013 Batch Visit to MBU	13	15-11-2025	2
1575	CA	2025	Career Counseling	105	31-10-2025	1
1576	CA	2025	A Seminar on "Explainable AI (XAI):Making AI Decisions Transparent"	138	07-11-2025	5

1577	CA	2025	Seminar on "Financial Literacy for Startups"	138	15-10-2025	6
1578	CA	2025	Alumni Interaction For MCA Students	63	29-12-2025	1
1579	CA	2025	Seminar on "AI Application Development using Cloud"	303	07-03-2025	5
1580	CA	2026	Seminar	101	26-02-2026	5
1581	CA	2026	Innovative ideas Quest	24	16-03-2026	1
1582	CA	2026	Mini Research Hour on Broad Areas of CS	85	23-03-2026	1
1583	CA	2026	Innovative Ideas Quest	59	16-03-2026	1

Educational Programs Arranged

1	Student Development Programs (Value added) on transferable and life skills
2	Sudent development programs on stream-specific technologies and research methodology
3	Faculty development programs organized on I&E
4	IPR
5	No. of Expert lectures/Seminars/Workshops/Skill development programs/Capacity development etc. events organized related to Research methodology and stream-specific technologies (Industry+academia)
6	No. of entrepreneurial skill development/employment generating training programs conducted by the HEI for external participants


REGISTRAR
MOHAN BABU UNIVERSITY
 Sree Salnath Nagar, Tirupati
 Andhra Pradesh-517 102

Annexure - 17

Course-Wise Academic Results(2022-23)

School/Faculty: School of Computing

Result : I Semester

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering), Batch-1	489	96.52%
2	B.Tech (Computer Science and Engineering-AIML), Batch-1	275	92.00%
3	B.Tech (Computer Science and Engineering-DS), Batch-1	119	95.80%
4	B.Tech (Computer Science and Engineering-CS), Batch-1	25	72.00%
5	B.Tech (Computer Science and Engineering), Batch-2	642	93.77%
6	B.Tech (Computer Science and Information Technology), Batch	60	83.33%
7	B.Tech (Computer Science and Engineering-AIML), Batch-2	331	94.56%
8	B.Tech (Computer Science and Engineering-DS), Batch-2	165	91.52%
9	B.Tech (Computer Science and Engineering-CS), Batch-2	57	91.23%
10	BCA - Bachelor of Computer Applications, Batch-2	389	86.89%
11	MCA - Master of Computer Applications, Batch-2	250	96.00%

Result : II Semester

1	B.Tech (Computer Science and Engineering), Batch-1	478	92.26%
2	B.Tech (Computer Science and Engineering-AIML), Batch-1	272	84.93%
3	B.Tech (Computer Science and Engineering-DS), Batch-1	114	93.86%
4	B.Tech (Computer Science and Engineering-CS), Batch-1	25	88.00%
5	B.Tech (Computer Science and Engineering), Batch-2	621	97.64%
6	B.Tech (Computer Science and Information Technology), Batch	57	96.61%
7	B.Tech (Computer Science and Engineering-AIML), Batch-2	306	94.15%
8	B.Tech (Computer Science and Engineering-DS),Batch-2	157	96.91%
9	B.Tech (Computer Science and Engineering-CS),Batch-2	53	93.36%
10	BCA - Bachelor of Computer Applications, Batch-2	384	96.09%
11	MCA - Master of Computer Applications, Batch-2	250	96.00%

Faculty/School: School of Engineering**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering), Batch-1	52	88.46%
2	B.Tech (Civil Engineering), Batch-2	13	69.23%
3	B.Tech (Electrical and Electronics Engineering), Batch-2	71	95.77%
4	B.Tech (Electronics and Communication Engineering), Batch-2	174	89.66%
5	B.Tech (Electronics and Instrumentation Engineering), Batch-2	38	73.68%
6	B.Tech (Mechanical Engineering), Batch-2	22	72.73%
7	M.Tech. - VLSI & Embedded System Design	1	100.00%
8	M.Tech. - Machine Design	1	100.00%

Result : II Semester

1	B.Tech (Electronics and Communication Engineering), Batch-1	52	80.77%
2	B.Tech (Civil Engineering), Batch-2	13	92.31%
3	B.Tech (Electrical and Electronics Engineering), Batch-2	68	75.00%
4	B.Tech (Electronics and Communication Engineering), Batch-2	171	91.81%
5	B.Tech (Electronics and Instrumentation Engineering), Batch-2	38	84.21%
6	B.Tech (Mechanical Engineering), Batch-2	22	77.27%
7	M.Tech. - VLSI & Embedded System Design	1	100.00%
8	M.Tech. - Machine Design	1	100.00%

Faculty/School: School of Libaral Arts and Sciences**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc - Bioinformatics	4	25.00%
2	B.Sc – Biotechnology	36	72.22%
3	B.Sc – Microbiology	9	55.56%
4	B.Sc - Computer Science	27	70.37%
5	M.Sc – Biotechnology	10	100.00%
6	M.Sc.- Organic Chemistry	9	88.89%
7	M.Sc - Computer Science	5	60.00%

Result : II Semester

1	B.Sc - Bioinformatics	4	75.00%
2	B.Sc – Biotechnology	34	88.24%
3	B.Sc – Microbiology	8	50.00%
4	B.Sc - Computer Science	27	70.37%
5	M.Sc – Biotechnology	10	100.00%
6	M.Sc.- Organic Chemistry	9	100.00%
7	M.Sc - Computer Science	5	80.00%

School/Faculty: School of Commerce and Management**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Com.- Bachelor of Commerce	46	82.61%
2	B.B.A.- Bachelor of Business Administration	49	79.59%
3	M.B.A.- Master of Business Administration	104	90.38%

Result : II Semester

1	B.Com.- Bachelor of Commerce	45	95.56%
2	B.B.A.- Bachelor of Business Administration	46	73.91%
3	M.B.A.- Master of Business Administration	102	96.08%

School/Faculty: School of Paramedical Allied and Healthcare Sciences**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.P.T.- Bachelor of Physiotherapy	31	77.42%
2	B.Sc.- Anesthesia and Operation Theatre Technology	57	98.25%
3	B.Sc.- Cardio Vascular Technology	31	96.77%
4	B.Sc.- Dialysis Technology	11	100.00%
5	B.Sc.- Emergency Medicine and Critical Care Technology	22	100.00%
6	B.Sc.- Respiratory Therapy	6	100.00%
7	B.Sc.- Medical Lab Technology	18	100.00%
8	B.Sc.- Optometry	13	100.00%
9	B.Sc.- Radiology and Imaging Technology	26	100.00%

Result : II Semester

1	B.P.T.- Bachelor of Physiotherapy	31	74.19%
2	B.Sc.- Anesthesia and Operation Theatre Technology	55	96.36%
3	B.Sc.- Cardio Vascular Technology	29	96.55%
4	B.Sc.- Dialysis Technology	11	90.91%
5	B.Sc.- Emergency Medicine and Critical Care Technology	22	86.36%
6	B.Sc.- Respiratory Therapy	6	100.00%
7	B.Sc.- Medical Lab Technology	18	88.89%
8	B.Sc.- Optometry	13	76.92%
9	B.Sc.- Radiology and Imaging Technology	26	96.15%

School/Faculty: School of Agriculture**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc(Hons).- Agriculture	11	100.00%

Result : II Semester

1	B.Sc(Hons).- Agriculture	11	100.00%

Course-Wise Academic Results(2023-24)**School/Faculty: School of Computing****Result : I Semester(2023 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	1145	97.37%
2	B.Tech (Computer Science and Engineering-AIML)	775	96.90%
3	B.Tech (Computer Science and Engineering-DS)	234	97.01%
4	B.Tech (Computer Science and Engineering-CS)	98	98.98%
5	B.Tech (Computer Science and Information Technology)	54	94.44%
6	BCA - Bachelor of Computer Applications	414	91.55%
7	MCA - Master of Computer Applications	309	97.73%

Result : II Semester(2023 Admitted Batch)

1	B.Tech (Computer Science and Engineering)	1145	97.72%
2	B.Tech (Computer Science and Engineering-AIML)	741	98.38%
3	B.Tech (Computer Science and Engineering-DS)	234	97.01%
4	B.Tech (Computer Science and Engineering-CS)	98	89.80%
5	B.Tech (Computer Science and Information Technology),	54	87.04%
6	BCA - Bachelor of Computer Applications	410	81.46%
7	MCA - Master of Computer Applications	300	95.67%

Result : III Semester(2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	1137	96.83%
2	B.Tech (Computer Science and Engineering-AIML)	609	87.04%
3	B.Tech (Computer Science and Engineering-DS)	278	94.60%
4	B.Tech (Computer Science and Engineering-CS)	78	83.54%
5	B.Tech (Computer Science and Information Technology),	54	100.00%
6	BCA - Bachelor of Computer Applications	374	96.26%
7	MCA - Master of Computer Applications	249	97.18%

Result : IV Semester(2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	1136	95.33%
2	B.Tech (Computer Science and Engineering-AIML)	609	90.11%
3	B.Tech (Computer Science and Engineering-DS)	277	93.50%
4	B.Tech (Computer Science and Engineering-CS)	78	96.15%
5	B.Tech (Computer Science and Information Technology),	54	100.00%
6	BCA - Bachelor of Computer Applications	389	94.08%
7	MCA - Master of Computer Applications	246	97.96%

School/Faculty: School of Engineering**Result : I Semester(2023 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (ECE & EIE)	261	98.08%
2	B.Tech (Civil Engineering)	27	96.30%
3	B.Tech (Electrical and Electronics Engineering)	79	93.67%
4	B.Tech (Mechanical Engineering)	37	94.59%
5	M.Tech. - Machine Design	1	100.00%

Result : II Semester(2023 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (ECE & EIE)	209	97.61%
2	B.Tech (Civil Engineering)	27	59.26%
3	B.Tech (Electrical and Electronics Engineering)	79	81.00%
4	B.Tech (Mechanical Engineering)	37	81.08%
5	M.Tech. - Machine Design	1	100.00%

Result : III Semester(2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering)	244	82.37%
2	B.Tech (Civil Engineering)	16	50.00%
3	B.Tech (Electrical and Electronics Engineering)	88	87.50%
4	B.Tech (Electronics and Instrumentation Engineering)	38	92.10%
5	B.Tech (Mechanical Engineering)	29	82.76%
6	M.Tech. - VLSI & Embedded System Design	1	100.00%
7	M.Tech. - Machine Design	1	100.00%

Result : IV Semester(2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering)	244	91.39%
2	B.Tech (Civil Engineering)	15	66.67%
3	B.Tech (Electrical and Electronics Engineering)	88	89.77%
4	B.Tech (Electronics and Instrumentation Engineering)	38	86.84%
5	B.Tech (Mechanical Engineering)	29	86.21%
6	M.Tech. - VLSI & Embedded System Design	1	100.00%
7	M.Tech. - Machine Design	1	100.00%

Faculty/School: School of Libaral Arts and Sciences**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc - Bioinformatics	5	100.00%
2	B.Sc – Biotechnology	34	67.00%
3	B.Sc – Microbiology	7	57.14%
4	B.Sc - Computer Science	26	57.69%
5	B.Sc – Forensic Science	9	100.00%
6	M.Sc – Biotechnology	26	88.00%
7	M.Sc - Computer Science	3	100.00%

Result : II Semester

1	B.Sc - Bioinformatics	5	80.00%
2	B.Sc – Biotechnology	34	73.50%
3	B.Sc – Microbiology	7	28.57%
4	B.Sc - Computer Science	26	65.38%
5	B.Sc – Forensic Science	9	88.89%
6	M.Sc – Biotechnology	26	84.60%
7	M.Sc - Computer Science	3	100.00%

Result : III Semester

1	B.Sc - Bioinformatics	4	50.00%
2	B.Sc – Biotechnology	35	97.00%
3	B.Sc – Microbiology	7	85.71%
4	B.Sc - Computer Science	27	74.07%
5	M.Sc – Biotechnology	9	88.88%
6	M.Sc.- Organic Chemistry	9	88.88%
7	M.Sc - Computer Science	4	100.00%

Result : IV Semester

1	B.Sc - Bioinformatics	4	100.00%
2	B.Sc – Biotechnology	35	91.40%
3	B.Sc – Microbiology	7	100.00%
4	B.Sc - Computer Science	27	70.37%
5	M.Sc – Biotechnology	10	100.00%
6	M.Sc.- Organic Chemistry	9	100.00%
7	M.Sc - Computer Science	4	100.00%

School/Faculty: School of Commerce and Management**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Com.- Bachelor of Commerce	49	91.83%
2	B.B.A.- Bachelor of Business Administration	57	73.68%
3	M.B.A.- Master of Business Administration	146	91.78%

Result : II Semester

1	B.Com.- Bachelor of Commerce	47	87.23%
2	B.B.A.- Bachelor of Business Administration	46	98.61%
3	M.B.A.- Master of Business Administration	146	95.20%

Result : III Semester

1	B.Com.- Bachelor of Commerce	46	71.73%
2	B.B.A.- Bachelor of Business Administration	47	76.59%
3	M.B.A.- Master of Business Administration	101	90.09%

Result : IV Semester

1	B.Com.- Bachelor of Commerce	40	98.61%
2	B.B.A.- Bachelor of Business Administration	47	80.85%
3	M.B.A.- Master of Business Administration	101	87.12%

School/Faculty: School of Paramedical Allied and Healthcare Sciences**Result : III Semester**

1	B.P.T.- Bachelor of Physiotherapy	31	93.55%
2	B.Sc.- Anesthesia and Operation Theatre Technology	55	89.09%
3	B.Sc.- Cardio Vascular Technology	28	82.14%
4	B.Sc.- Dialysis Technology	11	63.64%
5	B.Sc.- Emergency Medicine and Critical Care Technology	22	72.73%
6	B.Sc.- Respiratory Therapy	6	50.00%
7	B.Sc.- Medical Lab Technology	17	70.59%
8	B.Sc.- Optometry	13	69.23%
9	B.Sc.- Radiology and Imaging Technology	24	87.50%
10	M.P.T.- Master of Physiotherapy (Orthopedics)	3	100.00%
11	M.P.T.- Master of Physiotherapy (Sports)	3	100.00%

School/Faculty: School of Agriculture**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc(Hons).- Agriculture	103	88.35%

Result : II Semester

1	B.Sc(Hons).- Agriculture	103	30.10%

Result : III Semester

1	B.Sc(Hons).- Agriculture	11	100.00%

Result : IV Semester

1	B.Sc(Hons).- Agriculture	11	100.00%

School/Faculty: School of Pharmaceutical Sciences**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Pharmacy	72	87.50%
2	M.Pharmacy	5	100.00%

Result : II Semester

1	B.Pharmacy	71	69.01%
2	M.Pharmacy	5	100.00%

Result : I Year

1	Pharm.D	25	88.00%
2	Pharm.D (PB)	1	100.00%

Course-Wise Academic Results(2024-25)**School/Faculty: School of Computing****Result : I Semester(2024 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	676	97.78%
2	B.Tech (Computer Science and Engineering-AIML)	826	95.88%
3	B.Tech (Computer Science and Engineering-DS)	185	97.43%
4	B.Tech (Computer Science and Engineering-CS)	85	94.11%
5	B.Tech (Computer Science and Information Technology)	57	94.73%
6	BCA - Bachelor of Computer Applications	185	62.16%
7	MCA - Master of Computer Applications	127	75.60%

Result : III Semester(2023 Admitted Batch)

1	B.Tech (Computer Science and Engineering)	1150	94.74%
2	B.Tech (Computer Science and Engineering-AIML)	770	92.85%
3	B.Tech (Computer Science and Engineering-DS)	234	92.30%
4	B.Tech (Computer Science and Engineering-CS)	104	95.19%
5	B.Tech (Computer Science and Information Technology),	54	92.59%
6	BCA - Bachelor of Computer Applications	409	87.80%
7	MCA - Master of Computer Applications	302	94.70%

Result : V Semester(2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	1121	93.75%
2	B.Tech (Computer Science and Engineering-AIML)	591	97.63%
3	B.Tech (Computer Science and Engineering-DS)	277	92.05%
4	B.Tech (Computer Science and Engineering-CS)	78	92.30%
5	B.Tech (Computer Science and Information Technology),	55	81.81%
6	BCA - Bachelor of Computer Applications	345	89.00%

School/Faculty: School of Engineering**Result : I Semester(2024 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (ECE)	214	94.85%
2	B.Tech (EIE)	42	83.33%
3	B.Tech (Civil Engineering)	35	88.57%
4	B.Tech (Electrical and Electronics Engineering)	66	92.42%
5	B.Tech (Mechanical Engineering)	33	100.00%
6	M.Tech. - Machine Design	1	100.00%

Result : III Semester(2023 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering)	255	75.29%
2	B.Tech (Electronics and Instrumentation Engineering)	41	75.60%
3	B.Tech (Civil Engineering)	29	72.41%
4	B.Tech (Electrical and Electronics Engineering)	100	86.00%
5	B.Tech (Mechanical Engineering)	42	64.29%
6	M.Tech. - Machine Design	1	100.00%

Result : V Semester(2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering)	244	92.62%
2	B.Tech (Civil Engineering)	14	85.71%
3	B.Tech (Electrical and Electronics Engineering)	87	95.40%
4	B.Tech (Electronics and Instrumentation Engineering)	38	92.11%
5	B.Tech (Mechanical Engineering)	29	93.10%

School/Faculty: School of Computing**Result : VI Semester(2022 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	BCA - Bachelor of Computer Applications	381	100.00%

School/Faculty: School of Computing**Result : IV Semester(2022 Admitted Batch)**

1	MCA - Master of Computer Applications	296	99.34%

School/Faculty: School of Engineering**Result : IV Semester(2022 Admitted Batch)**

1	M.Tech - Master of Technology (Machine Design)	1	100.00%

School/Faculty: School of Commerce and Management**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Com.- Bachelor of Commerce	61	81.97%
2	B.B.A.- Bachelor of Business Administration	89	81.82%
3	M.B.A.- Master of Business Administration	152	96.00%

Result : III Semester

1	B.Com.- Bachelor of Commerce	39	28.57%
2	B.B.A.- Bachelor of Business Administration	56	87.50%
3	M.B.A.- Master of Business Administration	126	66.25%

Result : V Semester

1	B.Com.- Bachelor of Commerce	40	100.00%
2	B.B.A.- Bachelor of Business Administration	47	78.72%

Result : VI Semester

1	B.Com.- Bachelor of Commerce	40	95.00%
2	B.B.A.- Bachelor of Business Administration	47	97.87%

Faculty/School: School of Liberal Arts and Sciences**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc - Bioinformatics	10	90.00%
2	B.Sc – Biotechnology	49	89.75%
3	B.Sc – Microbiology	6	100.00%
4	B.Sc - Computer Science	45	71.11%
5	B.Sc – Forensic Science	21	71.42%
6	M.Sc – Biotechnology	35	71.42%
7	M.Sc - Organic Chemistry	10	30.00%
8	M.Sc - Computer Science	2	100.00%

Result : III Semester

1	B.Sc - Bioinformatics	6	100.00%
2	B.Sc – Biotechnology	35	88.57%
3	B.Sc – Microbiology	7	71.42%
4	B.Sc – Forensic Science	9	55.55%
5	B.Sc - Computer Science	27	85.15%
6	M.Sc – Biotechnology	26	80.77%
7	M.Sc - Computer Science	3	100.00%

Result : V Semester

1	B.Sc - Bioinformatics	4	100.00%
2	B.Sc – Biotechnology	34	70.27%
3	B.Sc – Microbiology	7	71.42%
4	B.Sc - Computer Science	27	59.25%

Result : VI Semester

1	B.Sc - Bioinformatics	4	100.00%
2	B.Sc – Biotechnology	34	100.00%
3	B.Sc – Microbiology	7	100.00%
4	B.Sc - Computer Science	27	100.00%

School/Faculty: School of Paramedical Allied and Healthcare Sciences**Result : III Semester**

1	M.P.T.- Master of Physiotherapy (Orthopedics)	11	100.00%
2	M.P.T.- Master of Physiotherapy (Cardiovascular and Pulmonar	4	100.00%
3	M.P.T.- Master of Physiotherapy (Neurology)	5	100.00%

School/Faculty: School of Agriculture**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc(Hons).- Agriculture	73	36.36%

Result : III Semester

1	B.Sc(Hons).- Agriculture	102	50.49%

Result : V Semester

1	B.Sc(Hons).- Agriculture	11	100.00%

School/Faculty: School of Pharmaceutical Sciences**Result : I Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Pharmacy	51	75.00%
2	M.Pharmacy	3	100.00%

Result : III Semester

1	B.Pharmacy	69	77.27%
2	M.Pharmacy	5	100.00%

Result : IV Semester

1	M.Pharmacy	5	100.00%

Result : II Year

1	Pharm.D	1	100.00%

School/Faculty: School of Computing**Result : II Semester(2024 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	666	95.79%
2	B.Tech (Computer Science and Engineering-AIML)	829	93.12%
3	B.Tech (Computer Science and Engineering-DS)	185	93.51%
4	B.Tech (Computer Science and Engineering-CS)	84	88.09%
5	B.Tech (Computer Science and Information Technology)	57	100.00%
6	BCA - Bachelor of Computer Applications	181	85.08%
7	MCA - Master of Computer Applications	126	92.06%

Result : IV Semester(2023 Admitted Batch)

1	B.Tech (Computer Science and Engineering)	1143	97.30%
2	B.Tech (Computer Science and Engineering-AIML)	770	95.71%
3	B.Tech (Computer Science and Engineering-DS)	233	93.56%
4	B.Tech (Computer Science and Engineering-CS)	104	91.34%
5	B.Tech (Computer Science and Information Technology),	54	96.30%
6	BCA - Bachelor of Computer Applications	406	89.66%
7	MCA - Master of Computer Applications	301	95.02%

Result : VI Semester(2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	1117	97.22%
2	B.Tech (Computer Science and Engineering-AIML)	593	95.95%
3	B.Tech (Computer Science and Engineering-DS)	273	97.07%
4	B.Tech (Computer Science and Engineering-CS)	78	89.74%
5	B.Tech (Computer Science and Information Technology),	53	94.34%
6	BCA - Bachelor of Computer Applications	383	82.25%

School/Faculty: School of Engineering**Result : II Semester(2024 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (ECE)	213	93.43%
2	B.Tech (EIE)	42	90.48%
3	B.Tech (Civil Engineering)	35	74.28%
4	B.Tech (Electrical and Electronics Engineering)	65	78.46%
5	B.Tech (Mechanical Engineering)	33	21.21%

Result : IV Semester(2023 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering)	250	87.60%
2	B.Tech (Electronics and Instrumentation Engineering)	41	92.68%
3	B.Tech (Civil Engineering)	28	57.14%
4	B.Tech (Electrical and Electronics Engineering)	100	84.00%
5	B.Tech (Mechanical Engineering)	42	85.71%
6	M.Tech. - Machine Design	1	100.00%

Result : VI Semester(2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering)	241	92.94%
2	B.Tech (Civil Engineering)	13	46.15%
3	B.Tech (Electrical and Electronics Engineering)	88	80.00%
4	B.Tech (Electronics and Instrumentation Engineering)	38	89.47%
5	B.Tech (Mechanical Engineering)	28	82.14%

Result : II Semester (2024 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
	B.Sc II Semester (MBU-22) Regular Examinations, May 2025		
1	Bioinformatics	10	100.00%
2	Biotechnology	49	69.39%
3	Computer Science	42	76.19%
4	Microbiology	6	83.33%
5	Forensic Science	20	85.00%

Result : IV Semester (2023 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
	B.Sc IV Semester (MBU-22) Regular Examinations, April 2025		
1	Bioinformatics	5	60.00%
2	Biotechnology	34	70.58%
3	Computer Science	25	60.00%
4	Microbiology	7	71.42%
5	Forensic Science	9	100.00%

Result : VI Semester (2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
	B.Sc VI Semester (MBU-22) Regular Examinations, May 2025		
1	Bioinformatics	4	100.00%
2	Biotechnology	34	100.00%
3	Computer Science	26	100.00%
4	Microbiology	7	100.00%

Result : II Semester (2024 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
	M.Sc II Semester (MBU-22) Regular Examinations, May 2025		
1	Biotechnology	36	86.11%
2	Computer Science	2	0.00%
3	Organic Chemistry	10	60.00%

Result : IV Semester (2023 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
	M.Sc IV Semester (MBU-22) Regular Examinations, May 2025		
1	Biotechnology	26	100.00%
2	Computer Science	3	100.00%

School/Faculty: School of Commerce & Management**Result : II Semester (2024 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Com II Semester (MBU-22) Regular Examinations, May 2025	61	81.97%
2	B.B.A II Semester (MBU-22) Regular Examinations, May 2025	89	86.52%

Result : IV Semester (2023 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Com IV Semester (MBU-22) Regular Examinations, April 2025	46	89.13%
2	B.B.A IV Semester (MBU-22) Regular Examinations, April 2025	55	78.18%
3	M.B.A IV Semester (MBU-22) Regular Examinations, April 2025	146	95.89%

Result : VI Semester (2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Com VI Semester (MBU-22) Regular Examinations, May 2025	40	95.00%
2	B.B.A VI Semester (MBU-22) Regular Examinations, May 2025	48	97.92%

School/Faculty: School of Agriculture**Result : VI Semester (2022 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc (Honors) VI Semester (SOA-22) Regular Examinations, May 2025	11	100.00%

School/Faculty: School of Pharmaceutical Sciences

S. No	Course	No. of Candidate Appeard	Result
1	B. Pharmacy I Semester (SOP-BPH&MPH23) Regular Examinations	51	84.31%
2	M. Pharmacy IV Semester (SOP-MPH-23) Regular Examination	5	100.00%

School/Faculty: School of Agriculture**Result : II Semester**

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc(Hons).- Agriculture	72	49.32%

Result : IV Semester

1	B.Sc(Hons).- Agriculture	97	52.58%

Result : VI Semester

1	B.Sc(Hons).- Agriculture	11	100.00%

Course-Wise Academic Results(2025-26)**School/Faculty: School of Computing****Result : I Semester(2025 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	431	86.31%
2	B.Tech (Computer Science and Engineering-AIML)	743	83.45
3	B.Tech (Computer Science and Engineering-DS)	114	83.33%
4	B.Tech (Computer Science and Engineering-CS)	88	78.41%
5	B.Tech (Computer Science and Information Technology)	60	90.00%
6	B.Tech (Computer Science and Engineering-AIDS)	222	81.08%
7	B.Tech (Computer Science and Engineering-CC)	22	95.45%
8	B.Tech (Computer Science and Engineering-Devops)	22	100.00%
9	BCA - Bachelor of Computer Applications	205	63.42%
10	MCA - Master of Computer Applications	68	74.63%

Result : III Semester(2024 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	672	87.65%
2	B.Tech (Computer Science and Engineering-AIML)	820	83.17%
3	B.Tech (Computer Science and Engineering-DS)	186	87.63%
4	B.Tech (Computer Science and Engineering-CS)	86	84.89%
5	B.Tech (Computer Science and Information Technology),	57	94.74%
6	BCA - Bachelor of Computer Applications	169	95.27%
7	MCA - Master of Computer Applications	124	95.16%

Result : V Semester(2023 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	1135	86.80%
2	B.Tech (Computer Science and Engineering-AIML)	762	94.09%
3	B.Tech (Computer Science and Engineering-DS)	236	90.25%
4	B.Tech (Computer Science and Engineering-CS)	105	94.28%
5	B.Tech (Computer Science and Information Technology),	55	94.54%
6	BCA - Bachelor of Computer Applications	393	92.88%

Result : VII Semester(2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Computer Science and Engineering)	1117	98.83%
2	B.Tech (Computer Science and Engineering-AIML)	590	94.91%
3	B.Tech (Computer Science and Engineering-DS)	272	98.16%
4	B.Tech (Computer Science and Engineering-CS)	77	88.31%
5	B.Tech (Computer Science and Information Technology),	53	92.45%

School/Faculty: School of Engineering**Result : I Semester(2025 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (ECE)	191	76.96%
2	B.Tech (EIE)	39	58.97%
3	B.Tech (Civil Engineering)	34	61.75%
4	B.Tech (Electrical and Electronics Engineering)	73	67.12%
5	B.Tech (Electronics) and computer Engineering)	25	72.00%
6	B.Tech (Mechanical Engineering)	47	63.82%

Result : III Semester(2024 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering)	292	84.93%
2	B.Tech (Electronics and Instrumentation Engineering)	40	62.50%
3	B.Tech (Civil Engineering)	40	70.00%
4	B.Tech (Electrical and Electronics Engineering)	101	92.08%
5	B.Tech (Mechanical Engineering)	39	51.28%

Result : V Semester(2023 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering)	247	93.12%
2	B.Tech (Civil Engineering)	25	68.00%
3	B.Tech (Electrical and Electronics Engineering)	100	81.00%
4	B.Tech (Electronics and Instrumentation Engineering)	41	78.05%
5	B.Tech (Mechanical Engineering)	42	85.71%

Result : VII Semester(2022 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Tech (Electronics and Communication Engineering)	241	90.87%
2	B.Tech (Civil Engineering)	13	92.30%
3	B.Tech (Electrical and Electronics Engineering)	86	95.35%
4	B.Tech (Electronics and Instrumentation Engineering)	38	89.47%
5	B.Tech (Mechanical Engineering)	27	74.07%

School/Faculty: School of Commerce and Management**Result : I Semester(2025 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Com-Computer Applications	29	44.83
2	Bachelor of Business Administration	79	87.34
3	Master of Business Administration	91	74.73

Result : III Semester(2024 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Com-Computer Applications	61	88.52
2	Bachelor of Business Administration	83	96.39
3	Master of Business Administration	146	95.89

Result : V Semester(2023 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Com-Computer Applications	39	89.74
2	Bachelor of Business Administration	56	89.29

School/Faculty: School of Liberal Arts & Sciences**Result : I Semester(2025 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc - Bioinformatics	17	88.23
2	B.Sc – Biotechnology	40	82.5
3	B.Sc - Computer Science	19	21.05
4	B.Sc – Forensic Science	28	82.14
5	M.Sc – Biotechnology	11	72.73
6	M.Sc - Organic Chemistry	3	66.67
7	M.Sc - Computer Science	3	0

School/Faculty: School of Liberal Arts & Sciences**Result : III Semester(2024 Admitted Batch)**

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc - Bioinformatics	9	88.8
2	B.Sc – Biotechnology	46	82.6
3	B.Sc – Microbiology	5	80
4	B.Sc - Computer Science	38	57.89
5	B.Sc – Forensic Science	19	78.94
6	M.Sc – Biotechnology	36	86.11
7	M.Sc - Organic Chemistry	10	60
8	M.Sc - Computer Science	2	0

Result : V Semester(2023 Admitted Batch)

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc - Bioinformatics	5	40
2	B.Sc – Biotechnology	33	81.81
3	B.Sc – Microbiology	7	71.42
4	B.Sc - Computer Science	25	44
5	B.Sc – Forensic Science	9	100

School/Faculty: School of Paramedical Allied and Healthcare Sciences**Result : III Semester**

SL. No	Course	No. of Candidate Appeard	Result
1	B.P.T.- Bachelor of Physiotherapy	33	87.88%
2	B.Sc.- Anesthesia and Operation Theatre Technology	53	88.68%
3	B.Sc.- Cardio Vascular Technology	43	97.67%
4	B.Sc.- Dialysis Technology	15	66.67%
5	B.Sc.- Emergency Medicine and Critical Care Technology	21	38.10%
6	B.Sc.- Respiratory Therapy	6	50.00%
7	B.Sc.- Medical Lab Technology	9	66.67%
8	B.Sc.- Optometry	4	50.00%
9	B.Sc.- Radiology and Imaging Technology	42	83.33%

School/Faculty: School of Paramedical Allied and Healthcare Sciences**Result : V Semester**

SL. No	Course	No. of Candidate Appeard	Result
1	B.P.T.- Bachelor of Physiotherapy	45	88.89%
2	B.Sc.- Anesthesia and Operation Theatre Technology	64	87.50%
3	B.Sc.- Cardio Vascular Technology	53	98.11%
4	B.Sc.- Dialysis Technology	15	93.33%
5	B.Sc.- Emergency Medicine and Critical Care Technology	19	84.24%
6	B.Sc.- Respiratory Therapy	2	100.00%
7	B.Sc.- Medical Lab Technology	17	100.00%
8	B.Sc.- Optometry	8	80.00%
9	B.Sc.- Radiology and Imaging Technology	38	94.73%

School/Faculty: School of Paramedical Allied and Healthcare Sciences**Result : VII Semester**

SL. No	Course	No. of Candidate Appeard	Result
1	B.P.T.- Bachelor of Physiotherapy	29	86.21%
2	B.Sc.- Anesthesia and Operation Theatre Technology	52	98.08%
3	B.Sc.- Cardio Vascular Technology	27	100.00%
4	B.Sc.- Dialysis Technology	11	90.91%
5	B.Sc.- Emergency Medicine and Critical Care Technology	22	100.00%
6	B.Sc.- Respiratory Therapy	5	100.00%
7	B.Sc.- Medical Lab Technology	17	100.00%
8	B.Sc.- Optometry	13	100.00%
9	B.Sc.- Radiology and Imaging Technology	23	100.00%

School/Faculty: School of Pharmaceutical Sciences

Result : I Semester

S. No	Course	No. of Candidate Appeard	Result
1	B.Pharmacy	57	56.14%

Result : III Semester

S. No	Course	No. of Candidate Appeard	Result
1	B.Pharmacy	47	85.11%

School/Faculty: School of Agriculture

Result : I Semester

S. No	Course	No. of Candidate Appeard	Result
1	B.Sc(Hons).- Agriculture	57	63.49%

Result : III Semester

1	B.Sc(Hons).- Agriculture	72	77.78%

Result : V Semester

1	B.Sc(Hons).- Agriculture	95	78.95%

Result : VII Semester

1	B.Sc(Hons).- Agriculture	11	100.00%


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