

MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

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Research Publication details for the year 2025

Aeronautical Engineering

Sl. No.	Name of the faculty	List of all authors (As per articles)	Title of the paper published	Journal title	Conference Title	ISSN, ISBN, Vol & Issue, Month & Year (As applicable)	Impact factor	Indexed in SCI/WoS/Scopus/UGC/other (Mention appropriate one, Quartile also if assigned)	DOI No./https link
1	Dr. Madhanraj V	V. Madhanraj, Adduru Veda Sai, C. M. Thejus, Prajeet Tracy, Vaibhav Sapkal	Numerical Investigation of Continuous Morphing Trailing-edge Wing for Improving the Aerodynamic Characteristics	International Journal of Vehicle Structures and Systems	-	0975-3540, Vol. 17 No. 1,	0.52	Scopus (Q4)	https://yanthrika.com/eja/index.php/ijvss/article/view/3176
2	Dr. Madhanraj V	Prathap, Pallavi B, Kushi, Yaseen Rajeev, V. Madhanraj	Aerodynamic Optimization of Double-Wedge Airfoils with Curved Recesses for High Subsonic and Supersonic Flows	International Journal of Applied Mathematics	-	ISSN 1311-1728, Vol 38, Issue 10s (2025): 2631-2639	0.3	Scopus (Q3)	https://doi.org/10.12732/ijam.v38i10s.1144
3	Dr. Madhanraj V	V.Madhanraj, G.Ranjitha, Dhanya Maruthi Mahale, Disha M Rao, Koushik	Micro aerial vehicle for military security	-	AIP conference proceedings	0094243X, 15517616, Volume 3299, Issue 1, 27 June 2025	SJR(0.153)	Scopus	https://pubs.aip.org/aip/acp/issue/3299/1
4	Dr. Madhanraj V	V.Madhanraj, Syed Saam Ameen, S.R.Girish, H.Susnanth Bangera, P.Darshan	Aerodynamics of Blended Wing Body Aircraft	-	AIP conference proceedings	0094243X, 15517616, Volume 3299, Issue 1, 27 June 2025	SJR(0.153)	Scopus	https://pubs.aip.org/aip/acp/issue/3299/1
5	Dr. Ezhilmaran G	Ezhilmaran Gopalakrishnan, Surendra Bogadi, Thanigaiarasu Subramanian and Sekar Subramani	Effect of lip-thickness on rectangular nozzle co-flowing subsonic jet	International Journal of Turbo & Jet-Engines	-	eISSN: 2191-0332 ISSN: 0334-0082 vol. 42, no. 3, 2025, pp. 591-602	0.9	Scopus (Elsevier) (Q3)	https://doi.org/10.1515/tji-2024-0061
6	Dr. Ezhilmaran G	Dharmendra Baligar Shailendra, G. Ezhilmaran, N. A. Rohith, M. Monisha, P. G. Harsha	Electromagnetic catapult for fixed wing UAVs	-	AIP conference proceedings	0094243X, 15517616, Volume 3299, Issue 1, 27 June 2025	SJR(0.153)	Scopus	https://pubs.aip.org/aip/acp/issue/3299/1
7	Dr. Ezhilmaran G	Ezhilmaran Gopalakrishnan, Ajith Kumar, Harshith Suresh Bhandary, Vinith Aaron Aruha, Poorvi Devadiga, Hudaif Usman Mohammed	Numerical Analysis of Divergence Angle for a C-D Solid Propellant Rocket Nozzle	Journal of Aeronautics, Astronautics and Aviation	-	ISSN: 19907710 Vol57.7S (2025): 1529-1537	SJR(0.236)	Scopus (Q4)	https://doi.org/10.6125/JoAAA.202507_57(7S).01
8	Dr. Ezhilmaran G	S. Sanmugavel, R. NarenShankar, G.Ezhilmaran, K. SathishKumar	Lip Thickness effect on Coaxial Under Expanded Sonic Jet Mixing	International Journal of Vehicle Structures and Systems	-	ISSN: 0975-3060 (Print), 0975-3540 (Online) Volume 17, Issue 7, 2025	0.484	Scopus (Q4)	doi:10.4273/ijvss.17.7.xx
9	Dr. Sujesh Kumar	Sujesh Kumar, Amar Gandge Subash, V Madhanraj, Lokesh M, Kiran Kumar M V	Fault Detection In Belts Using Advanced Signal Processing Techniques And Machine Learning Classification	International Journal of Applied Mathematics	-	Volume 38 No. 5s, 2025, ISSN: 1311-1728	0.3	Scopus (Q3)	https://ijamjournal.org/ijam/publication/index.php/ijam/article/view/1606/1461
10	Dr. Sujesh Kumar	P. L. Akshitha, I. P. Kirana, H. V. Bhavan, Kumar K. Sathvik, Sujesh Kumar	Fault diagnosis and classification of aircraft wing using machine learning	-	AIP conference proceedings	ISSN 0094243X, 15517616, Volume 3299, Issue 1, 27 June 2025	SJR(0.153)	Scopus	https://doi.org/10.1063/5.0279412

11	Dr. Sujesh Kumar	V. H. Ramkumar, Nidhi, N. S. Suchith, Sujesh Kumar	Nozzle design optimization to reduce noise in Turbofan engine	-	AIP conference proceedings	ISSN 0094243X, 15517616, Volume 3299, Issue 1, 27 June 2025	SJR(0.153)	Scopus	https://doi.org/10.1063/5.0279413
12	Mr. Vishwaretha K R	Vishwaretha K R, Praveen Shenoy, Rajesh, V. Madhanraj, Amar Gandge Subash	A Study on the Vibration and Force Characteristics of Unmanned Aerial Vehicles.	International Journal of Applied Mathematics	-	ISSN 1314-8460, Vol 38, Issue 5 (2025): 1515-1526	0.3	Scopus (Q3)	https://ijamjournal.org/ijam/publication/index.php/ijam/article/view/1448/1318
13	Mr. Vishwaretha K R	K. R. Vishwaretha, R. Goutham, N. R. Haneesh, K. Mohammed Afsal, Mohammed Sinan Kaif	Design and fabrication of landing gear with tyre pressure inflation	-	AIP conference proceedings	ISSN 0094243X, 15517616, Volume 3299, Issue 1, 27 June 2025	SJR(0.153)	Scopus	https://doi.org/10.1063/5.0280048
14	Mr. Vishwaretha K R	Vishwaretha Kolpady Ramamohan Bhat, Ajith Kumar, Babusab Abdul Shukar, Prerana Kishore Suvarna, Rajalakshmi Aall Satya Naeayana Reddy; Suman Santosh	Study on effect of surface texture of aluminum laminates on tensile, bending and impact properties of carbon fiber reinforced metal laminates	-	AIP conference proceedings	ISSN 0094243X, 15517616, Volume 3299, Issue 1, 27 June 2025	SJR(0.153)	Scopus	https://doi.org/10.1063/5.0280047
15	Mr. Amar Gandge Subash	Dr. Anand S N, Amar Gandge Subash, Prashant	Tribological Properties Evaluation Of Hybrid Composites (Al6061-Tungsten Carbide-Fly Ash)	International Journal of Environmental Sciences	-	ISSN 2229-7359 Vol. 11 No. 14s (2025), 2025-06-22	SJR(0.17)	Scopus (Q3)	https://doi.org/10.64252/9aeb2v31
16	Mr. Ajith Kumar	Ajith Kumar, Madhanraj V, Vinod M	Prototype Of Airborne Hybrid Wind-Solar Power Generation System For Electric Vehicle Charging	Journal of Applied Bioanalysis	-	ISSN 2405-710X December 2025 p. 871-882 Vol. 11, No.13s	SJR(0.2)	Scopus (Q4)	https://journalofappliedbioanalysis.com/prototype-of-airborne-hybrid-wind-solar-power-generation-system-for-electric-vehicle-charging

Artificial Intelligence & Machine Learning / Computer Science (AI & ML)

17	Dr. Amirthavalli M	Dr. Madhwaraj K G, Dr. Amirthavalli M	A Novel Classification of Multiple Sclerosis Using Quantum Convolution Neural Network	South Eastern European Journal of Public Health	NA	2197-5248, Volume XXVI, S1, January 2025.	0.18	Scopus Q4 Journal	https://www.seejph.com/index.php/seejph/article/view/3896#:~:text=The%20findings%20demonstrated%20the%20efficacy,accuracy%20of%2087.7%25%20and%20sensitivity
18	Srivatsa Upadhy P	Chaya Sri K , Spoorthi G Sheregar, Abhishek Raj V, Srivatsa Upadhy P and Mohammad Zabin	Early detection of ovarian cancer	World Journal of Advanced Engineering Technology and Sciences	NA	ISSN: 2582-8266 (Online)		Other - Google Scholar	https://doi.org/10.30574/wjaets.2025.15.3.0808
19	Dr. Amirthavalli M	B Mahesh Kumar Shetty; Anshad Aziz; Shruthi; K Srijan; M Amirthavalli	Hair and Scalp Inspection System Using Deep Learning Based Analysis		IEEE Conference : 2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)	ISBN:979-8-3315-3702-9, 24 June 2025		Scopus	https://ieeexplore.ieee.org/document/11035124
20	Dr. Sunil Kumar S	Amogha Acharya; Deviprasad N. Shetty; Anubhav Gour; N. Shreyas Nayak; Amruth Ashok Gadag; S. Sunil Kumar	ROADCEPTION: Intelligent Lane Identification and Object Detection for Enhanced Road Safety in Autonomous Vehicles		IEEE Conference : 2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)	ISBN:979-8-3315-3702-9, 24 June 2025		Scopus	10.1109/ICKECS65700.2025.11035395
21	Dr. Sunil Kumar S	Aishwarya Kulkarni; M Vaishnavi; Trapthi B Poojari; H S Sameeksha; S Sunil Kumar	Virtual Try-On Systems: A Deep Learning Approach to Real-Time and Image-Based Garment Fitting		IEEE Conference : 2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS)	ISBN:979-8-3315-3702-9, 24 June 2025		Scopus	10.1109/ICKECS65700.2025.11034848
22	Dr. Maryjo M George	Anusha Prashanth Shetty, Maryjo M. George, Omkar Bhute, Pavan Hegde, Saritha Paul & B. Sanjeev Rai	Early Diagnosis of Paediatric Respiratory Diseases Using Machine Learning Classifiers: A Comparative Study	Lecture Notes in Networks and Systems		ISBN (print): 978-3-032-03071-9 04 November 2025		Scopus Q4	https://doi.org/10.1007/978-3-032-03072-6_26

Computer Science and Engineering

23	Shwetha C H	Shwetha C H, Pushpalatha K	Creation and annotation of a code-mixed Kannada english dataset with accurate labels for detecting depression and major depressive disorder categories	Engineering Research Express (ERX)		ISSN: 26318695, Eng. Res. Express 7 (2025) 015213	2.07	Scopus, Quartile 2	https://doi.org/10.1088/2631-8695/ad98e4
24	Shwetha C H	Shwetha C H, Pushpalatha K	A Deep Learning Framework for Depression and Major Depressive Disorder Detection from Social Media Text Using MentalBERT and Multilayer Perceptron	International Journal of Intelligent Engineering and Systems		ISSN:2185-310XE-ISSN:2185-3118. Vol.18, No.8, 2025	1.94	Scopus, Quartile 2	https://oaji.net/articles/2023/3603-1755588170.pdf
25	T.Shreekumar	T.Shreekumar	Non-Intrusive Alert For Drivers With Fatigue		4th Asian Conference on Innovation in Technology (ASIANCON), Pimari Chinchwad, India,	ISBN-979-8-3503-5421-8 January 2025		Scopus (IEEE Xplorer)	10.1109/ASIANCON62057.2024.10837717
26	Dr.Babu Rao K	Babu Rao K, Sridevi N, H Benny B, Kiran Kumar Reddy P, P Ram Kishore, P Lakshi Supriya	Deep Learning for Diabetic Retinopathy: A SqueezeNet-Based Approach with Data Augmentation for Enhanced Detection		International Conference on Visual Analytics and Data Visualization (ICVADV-2025), Published (Available in IEEE Xplorer)	ISBN: 979-8-3315-2139-4, April, 2025		Scopus (IEEE Xplorer)	10.1109/ICVADV63329.2025.10961339
27	Dr.Babu Rao K	Babu Rao K, B Eswar Babu, Sathya Prakash Racharla, Pasupuleti Pavani, Yadaiah Balagoni, Mohan Ajmeera	A Performance Evaluation of Transformer Models and Recurrent Neural Networks Models in Efficient Text Classification Tasks		International Conference on Computing Methodologies and Communication (ICCMC), Published (Avaible in IEEE Xplore)	ISBN-979-8-3315-1212-5, 4th September 2025		Scopus (IEEE Xplorer)	https://doi.org/10.1109/ICCMC65190.2025.11140627
28	Dr.Babu Rao K	V.S. Pavan Kumar, Babu Rao K, V.S.Dibya Sundar, N.S. Koti, Praveen Kumar V, K.V.Sunil Varma	Optimizing House Price Prediction Models: A Hybrid Approach using GWO-Feature Selection and CatBoost Tuning		International Conference on Expert Cloud and Applications (ICOECA), Published(Avaible IEEE Computer Society Digital Library)	ISBN-979-8-3315-2448-7, 13th August 2025		Scopus (IEEE Xplorer)	https://ieeexplore.ieee.org/document/11113993
29	Dr.Babu Rao K	Babu Rao K, Pallavi Singh, G shankar Verma, L.Mohana Kuamr, Swaraj Kadam	Enhanced Multiclass Brain Tumor Detection in MRI Using Similarity-Navigated Graph Neural Networks with Banyan Tree Growth Optimization		International Conference on Ubiquitous Computing and Intelligent Systems (ICUIS-2024), Published (Available in IEEE Xplorer)	ISBN-979-8-3315-2963-5, February 2025		Scopus (IEEE Xplorer)	10.1109/ICUIS64676.2024.10866799
30	Dr. Pradeep B S	Shwetha R J, Dr. Pradeep B S, T. Shreekumar	Digital Twins in Advanced Healthcare Integration	FMDB Transactions on Sustainable Health Science Letters		ISSN 1875-5879, Vol 03, No. 2, pp:114-124, June 2025		Scopus	https://www.fmdbpub.com/user/journals/article_details/FTSHSL/481
31	Dr. Pradeep B S	Palem Narasimhulu, Dr. D S Rao, Dr. Pradeep. B.S, Shivam Yadav	OceanNeRF—Deep Learning for Physics-Aware, True-Color Underwater 3D Reconstruction		2025 5th IEEE International Conference on Artificial Intelligence and Signal Processing (AISP)	22nd – 24th November, 2025, VIT – AP University, India		Scopus (IEEE Xplorer)	
32	Dr. Pradeep B S	Shwetha R J, Dr. Pradeep B S	The Twin Revolution: Scholarly Synthesis of DT and its Future		Seventh International Conference on Soft Computing and its Engineering Applications	9-11 November, 2025, Hanoi, Vietnam		Scopus (Springer)	
33	Dr. Pradeep B S	Pradeep. B.S, Chandrakala G. Raju, Naga Lalitha Sree, Chaithra. M H, Ajitha, Kavitha. C	Applying Meta-Learning to Personalize user Experiences in Augmented Reality Systems		2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS 2025, IEEE)	22nd – 23rd August, 2025, Navkis College of Engineering, Hassan, India.		Scopus (IEEE Xplorer)	DOI: 10.1109/IACIS65746.2025.11211099

34	Ms. Amrutha	Amrutha , Sasi Kala Rani. K , Rabiyaathul Bachiriya. M , Poongodai. A , Nithya Priya. S , Sunanda Das , Saravana Selvam. N, Priyanka More	Evaluation Of Utilizing A Multi Objective Fuzzy Based Hybrid Algorithm To Secure Healthcare Data Management Systems Via Integrated Cloud And Blockchain (Icbe) Technologies	International Journal of Applied Mathematics (IJAM)		ISSN: 1314-8060 Volume 38 No. 5, 2025	0.304	Scopus, Quartile 3	https://doi.org/10.12732/ijam.v38i5.1112
35	Ms. Amrutha	Amrutha, Shwetha Kamath	Deep Learning-Based Automated Detection of Lung Nodules	Computer Research And Development		ISSN NO:1000-1239		Others	https://journalcrd.org/wp-content/uploads/104-CRD2992.pdf
36	Ms. Amrutha	Amrutha. Raghavendra S, Pankaj Kumar, Dinesha L	Structured Representation of Free Text and Audio in Medical Records Using Deep Learning		Second International Conference on Computing, Semiconductor, Mechatronics, Intelligent Systems and Communications.	21 - 22 November 2025.		Scopus (IEEE Xplorer)	
37	Ms. Shwetha Kamath	Shwetha Kamath, Devika. B, Praveen Chouksey, Balaji. N, Dattatray G Takale, Sunitha. M, Mukta Nivelkar	A Secure And Reliable Blockchain-Based Data Sharing Scheme Using Lightweight Homomorphic Cryptographic Algorithm For Multi-Level Privacy Protection In Iot-Cloud Systems	International Journal of Applied Mathematics (IJAM)		ISSN: 1314-8060 Volume 38 No. 5, 2025	0.304	Scopus, Quartile 3	https://doi.org/10.12732/ijam.v38i5.1117
38	Dr. Clara Kanmani A	Sridevi S; Swati Sharma; Clara Kanmani A; Nipun Sharma; Syed Abrar Ahmed; Alina Raheen	Indian Classical Percussion Instrument Tabla Taal Classification Using Fast Converging CNN		2025 IEEE 4th World Conference on Applied Intelligence and Computing (AIC), at The Institution of Electronics and Telecommunication Engineers (IETE), Delhi Centre, India. Published (Available in IEEE Xplorer)	ISBN-979-8-3315-2613-9 4th November 2025		Scopus (IEEE Xplorer)	https://www.scopus.com/pages/publications/105023639639?origin=resultslist
39	Shreejith K B	R.Vijaya Arjunan, Shreekumar T, Cenitta, Andrew J, tanuja Shailesh	Ocular Disease Identification Using Deep Learning		2025 4th International Conference on Sensors and Related Networks (SENNET) - Special Focus on Digital Healthcare	979-8-3315-9746-7/25/\$31.00 ©2025 IEEE		Scopus (IEEE Xplorer)	DOI: 10.1109/SENNET64220.2025.11135968
40	Suma K	Sumathi Pawar, Suma K*, Ashwin Kumar M, Vasanth Nayak, Geethalaxmi, Prathista Anchan	Fake News Detection System Using NLP and Machine Learning		9 IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS-2025)	979-8-3315-8894-6/25/\$31.00 ©2025 IEEE		Scopus (IEEE Xplore)	DOI: 10.1109/CSITSS67709.2025.11294693
41	Suma K	Suma K, Dr. Sameena Pathan, Dr. Divya Rao, Dr. Pradeep B S	Preprocessing Techniques for Pulmonary Embolism Detection in CTPA Images: A Pilot Study	-	First International Congerence on Artificial Intelligence, Computation, Communication and Network Security (AICCoNS 2025)	5-6, June, 2025 University of Wollongong, Dubai.		Scopus (Taylor & Francis, Springer)	
42	Shivaprasad T K	T. K. Shivaprasad; Preetham Kumar; Veena Mayya; Sulatha V. Bhandary; T. Shreekumar	A Comprehensive Review of Deep Learning-Based Retinal Layer Integrity Assessment in Optical Coherence Tomography (OCT)	IEEE ACCESS	-		3.6	SCIE -Q1	https://ieeexplore.ieee.org/document/11244904
43	Ashwin Kumar Muniyal	Sumathi Pawar 1,a), Ankitha Keshav 1,b), Ashwin Kumar Muniyal 2,c), Sunandan Rao 3,d	Impact of Covid-19 on land business and co-tracker		Proceedings of the International Conference on Artificial Intelligence and Data Engineering AIDE - 2023			Scopus	https://doi.org/10.1063/5.0262738

44	Ashwin Kumar Muniyal	Sumathi Pawar, Ashwin Kumar Muniyal *, Vasanth Nayak, Anupama B, GeethaLaxmi, Prathista Anchan	Smart Health Care System in Smart Cities Through Patient Monitoring: A Case Study with Covid Watch		5th International Conference on Soft Computing for Security Applications (ICSCSA)	IEEE Xplore Part Number: CFP256A9-ART; ISBN: 979-8-3315-9491-6		Scopus(IEEE Xplore)	https://ieeexplore.ieee.org/document/11171169
45	Ashwin Kumar Muniyal	Sumathi Pawar 1,a), Ankitha Keshav 1,b), Ashwin Kumar Muniyal 2,c), Sathwik Pawar 3,d)	Sign language detection using LSTM for identification of numbers		Proceedings of the International Conference on Artificial Intelligence and Data Engineering AIDE - 2023		Scopus	https://doi.org/10.1063/5.0262731	
46	Dr. Ravinarayana B	Dr. Nagesh H R, Dr. Ravinarayana B, Dr. Prakhayath Rai	Structurization of unstructured data by using triplet extraction and text refinement		2025 International Conference on Intelligent Systems and Pioneering Innovations in Robotics and Electric Mobility (INSPIRE)	20-21 November, 2025, MITE, Moodabadri	Scopus(IEEE Xplore)	DOI: 10.1109/INSPIRE67328.2025.11300466	

Computer Science & Engineering (Internet of Things)

47	Sandeep S Naik	Mr. Shreesh V Melmani,,Mr. Sandeep S Naik, Ms. Alveena Mathias, Ms. Disha Viveka, Mr. Suvith V Jain	Mobile Forensic Device	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11, Issue: 8, Jan 2025	8.01	UGC	https://ijirt.org/Article?manuscript=171515
48	Sandeep S Naik	Anvitha G Rao,Mr. Sandeep S Naik, Kripa K, Krithi K, Reethu K	Intelligent Resume Analysis and Job Fit assessment System	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11, Issue: 8, Jan 2025	8.01	UGC	https://ijirt.org/Article?manuscript=171767
49	Sandeep S Naik	Shamya,Mr. Sandeep S Naik, K S Chaithanya, Sanjana G Kundar	Online Voting System	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11, Issue: 8, Jan 2025	8.01	UGC	https://ijirt.org/Article?manuscript=171765
50	Sandeep S Naik	Mohammed Younus, Mr. Sandeep S Naik, Naveen Tevari, Vipul Durga P, N R Akash	Vulnerability Detection in Websites	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11, Issue: 8, Jan 2025	8.01	UGC	https://ijirt.org/Article?manuscript=171901
51	Aneesh Kumar A	Nishar, Savio Saldanha, Prasad, Harshith R, Mr.Aneesh Kumar A,	Logistics Using Blockchain Technology	International Journal of Innovative Research In Technology(IJIRT)		2349-6002	8.01	UGC	https://ijirt.org/Article?manuscript=171909
52	Aneesh Kumar A	Hemanth B, Sharath M,Mr. Aneesh Kumar A D, Prajwal D, Mohammed Wafeeq	Narrative AI: Visual Storycraft	International Journal of Innovative Research In Technology(IJIRT)		2349-6002	8.01	UGC	https://ijirt.org/Article?manuscript=171576
53	Aneesh Kumar A	Chinmayi, Ahamad Sharvan, Mr. Aneesh Kumar A, Shivani, Mohammed Mafaz	Automated Rfid Management System for Service Operations	International Journal of Innovative Research In Technology(IJIRT)		2320-2882	8.01	UGC	https://www.ijert.org/papers/IJERT2412895.pdf
54	Prema Jain	Aparna Prabhu, Ms. Prema Jain, Sathwik, Shourya Sarkar, varsha Shetty	CNN Trading System: AI Powered Market Analysis Platform	Indian Journal of Advanced Research in Science, Communication and Technology(IJARSCCT)		2581-9429, Volume 5, Issue 1, January 2025	7.53	UGC	https://www.ijarset.co.in/Paper22932.pdf
55	Prema Jain	Shreya G, Mrs. Prema Jain, Suchan M B, Sherya, Thazeen R A R	Machine Learning- Based Classification Techniques for DDoS Attacks	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11 Issue: 8, January 2025	8.01	UGC	https://ijirt.org/Article?manuscript=171514
56	Prema Jain	Aquib Ameen,Ms. Prema Jain, Dhanush , Dheeraj, Sanath Kumar	Skin cancer Detection Using Deep Learning	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11 Issue: 8, January 2025	8.01	UGC	https://ijirt.org/Article?manuscript=171524
57	Dr. Shivananda V Seeri	Shivananda V Seeri, Nagaraj Lutimath, Byregowda, Manjunath R V	Flower Classification using Enhanced MobileNet V2 model for Industrial Applications		Proceedings of International Conference on AI and Networks (ICAIN 2024 Volume1) (Springer Nature) July 2025	2367-3370		Springer Notes	

58	Dr. Shivananda V Seeri	Jnanesh, Kshithish Shetty, Shreesh, Soundarya M Shetty, Dr. Shivananda V Seeri,	Code Comment Generation using LLM	Indian Journal of Advanced Research in Science, Communication and Technology(IJAR SCT)		2581-9429, Volume 5, Issue 1, January 2025	7.53	UGC	https://www.researchgate.net/publication/387798693_Code_Comment_Generation_using_LLM
59	Dr. Shivananda V Seeri	Ashik A J, Avish Dinesh Kumar, Nagaprasanna Hebri, Nidhish D S, Dr. Shivananda V Seeri	Park Insight: Parking Vacancy Detection System	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11 Issue: 8, January 2025	8.01	UGC	https://ijirt.org/Article?manuscript=171932
60	Dr. Shivananda V Seeri	Prashasti D Shetty, Israa fathima Iqbal, Varshini Rao, Sakshi M shetty, Dr. Shivananda V Seeri	Brain Tumor Detection and Classification Using Convolution Neural Network(CNN	International Journal of Creative Research Thoughts(IJCRT)		2320-2882, Volume 12, Issue 12 December 2024	7.97	UGC	https://www.ijert.org/papers/IJCRT2412842.pdf
61	Dr. Shivananda V Seeri	shishir G Sheey, Suhas R Bhat, P V Manjunath, Dr. Shivananda V seeri	Facial Emotion Detection Using CNN	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11 Issue: 8, January 2025	8.01	UGC	https://ijirt.org/Article?manuscript=171904
62	Sonia K P	Adithi D J, Ms. Sonia K P, Alfaz Hamad Razak, Deeksha B Devadiga, Kavitha V Poojary	Violence Detection Using Machine Learning	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11 Issue: 8, January 2025	8.01	UGC	https://ijirt.org/Article?manuscript=171566
63	Sonia K P	Prithesh, Dhanush S U, Shriman Jain, Mohammed Hafiz, Mrs. SONIA K P	Academic Management Platform	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11 Issue: 8, January 2025	8.01	UGC	https://ijirt.org/article?manuscript=171556
64	Sonia K P	Ms sonia, Bharath, Jeevan S M, Dhanush K M, Karthik K N	"Aiml In Cybersecurity: Detect Intrusions And Insider Threats"	International Journal of Innovative Research In Technology(IJIRT)		2349-6002, Volume: 11 Issue: 8, January 2025	8.01	UGC	https://ijirt.org/publishedpaper/IJIRT171977_PAPER.pdf

Civil Engineering

65	Swapna S A	Elsa Eka Putri, Masyhuri Hamidi, Suraj M Shet, Swapna S A	Assessment of ground water potential zones using geospatial techniques in Mangalore Taluk, Dakshina Kannada district, Karnataka, India	E3S Web of Conferences	The 4th International Conference on Disaster Management 2024	eISSN: 2267-1242 E3S Web Conf. Volume 604, 2025	0.52	Scopus	https://doi.org/10.1051/e3sconf/202560401003
66	Swapna S A	Swapna S A, Rina Yuliet, Suraj M Shet, Rinaldi Eka Putra and Sonya Oshtha Laurency	Experimental analysis of mechanical performance and microstructural behavior of recycled aggregate concrete	E3S Web of Conferences	The 3rd International Conference on Disaster Management 2025	eISSN: 2267-1242, Volume 677, 2025	0.52	Scopus	https://doi.org/10.1051/e3sconf/202567706013
67	Swapna S A	Suraj M Shet, Rina Yuliet and Swapna S A	Sediment load mitigation strategies for the Karanja Reservoir, Karnataka	E3S Web of Conferences	The 3rd International Conference on Disaster Management 2025	eISSN: 2267-1242, Volume 677, 2025	0.52	Scopus	https://doi.org/10.1051/e3sconf/202567706005
68	Dr Ganesha Mogaveera	Vidyashree M, Ganesha Mogaveera	Comparative scrutiny of Strength and durability of Polypropylene FRC Concrete for Environmental Protection	Journal of Environmental Protection and Ecology	-	Vol25, No 8, 2913-2922, ISSN:1311-5065	0.24	Q3	https://scibulcom.net/en/article/lw252yLq40VqyEtIBfU
69	Dr Ganesha Mogaveera	Navyashree, Ganesha Mogaveera, Umesh S S	Comparative study on microstructure and mechanical Properties of Ambient Cured Geopolymer mortar and Conventional cement mortar	Journal of Environmental Protection and Ecology	-	ISSN:1331-5065, Vol.26, Issue 1, PP.190-199	0.24	Q3	https://scibulcom.net/en/article/au46kmd5hz5SVLkT8Se
70	Dr. Jayaprakash M C	Jayaprakash M C, Rinaldi Ekaputra, and K Channabasappa	Groundwater utilization and its environmental sustainability in coastal aquifers of Dakshina Kannada District, Karnataka, India	E3S Web of Conferences	The 4th International Conference on Disaster Management 2024	eISSN: 2267-1242 E3S Web Conf. Volume 604, 2025	0.52	Scopus	https://doi.org/10.1051/e3sconf/202560402011
71	Mr. Akshaya Krishna N	P.K. Akarsh, Shiram Marathe M, Harsimran Kaur Sapal, Akshaya Krishna N	Synergistic effects of natural fibres and agro-waste ash on the engineering and sustainability of stone-matrix asphalt mixes	International Journal of Transportation Science and Technology	-	ISSN 2046-0430, March 2025	4.8	Q2	https://doi.org/10.1016/j.ijtst.2025.02.010
72	Suraj Shet	Elsa Eka Putri, Masyhuri Hamidi, Suraj M Shet, Swapna S A	Assessment of ground water potential zones using geospatial techniques in Mangalore Taluk, Dakshina Kannada district, Karnataka, India	E3S Web of Conferences	The 4th International Conference on Disaster Management 2024	eISSN: 2267-1242 E3S Web Conf. Volume 604, 2025	0.52	Scopus	https://doi.org/10.1051/e3sconf/202560401003

73	Suraj Shet	Suraj M Shet, Rina Yuliet and Swapna S A	Sediment load mitigation strategies for the Karanja Reservoir, Karnataka	E3S Web of Conferences	The 3rd International Conference on Disaster Management 2025	eISSN: 2267-1242, Volume 677, 2025	0.52	Scopus	https://doi.org/10.1051/e3sconf/202567706005
74	Suraj Shet	Swapna S A, Rina Yuliet, Suraj M Shet, Rinaldi Eka Putra and Sonya Osthla Laurency	Experimental analysis of mechanical performance and microstructural behavior of recycled aggregate concrete	E3S Web of Conferences	The 3rd International Conference on Disaster Management 2025	eISSN: 2267-1242, Volume 677, 2025	0.52	Scopus	https://doi.org/10.1051/e3sconf/202567706013
75	Dr. Jayaprakash M C	Sri Krishna Shastri C and Rinaldi Ekaputra	Automatic flood barrier system: an approach for detection and control of storm water overflow during flood	E3S Web of Conferences	The 4th International Conference on Disaster Management 2024	eISSN: 2267-1242, Volume 604, 2025	0.52	Scopus	https://doi.org/10.1051/e3sconf/202560404004

Electronics & Communication Engineering

76	Avinash N J	Avinash N J , Krishnaraj Rao , Rama Moorthy H , Raviprakash B , Raghunadan K R , Vasudeva , Venkatadri M	A Novel Automatic Text Document Classification Using Learning based Text Classification(LbTC) Approach	Procedia Computer Science	International Conference on Machine Learning and Data Engineering ICMLDE 2024	ISSN: 1877-0509, Vol 258,May,2025	4.1	Scopus / Q2 Procedia	https://doi.org/10.1016/j.procs.2025.04.677
77	Avinash N J	Bhavya Kallapu , Avinash Nanda Janardhan , Rama Moorthy Hejamadi Krishnaraj Rao Nandikoor Shrinivas Saritha Raghunandan Kemmannu Ramesh , and Lubna A. Gabralla	Multi-Layered Security Framework Combining Steganography and DNA Coding	Systems 2025-MDPI	-	ISSN: 2079-8954, Volume 13, Issues-5.May,2025	2.3	Q1	https://doi.org/10.3390/systems13050341
78	Avinash N J	Kavita Avinash Patil; A.B. Gurulakshmi; P S Neethu; Salna Joy; Nanditha Krishna; R Baby Chithra,Avinash N J	Optimized Parallel and Serial Array Antenna Design for X-Band Aviation Radar Sensors	-	International Conference on Recent Advances in Science and Engineering Technology (ICRASET)	E-ISBN:979-8-3503-8860-2 28 February 2025	-	Scopus	10.1109/ICRASET63057.2024.10895835
79	Avinash N J	Raviprakash B; Rama Moorthy H; Daksha Malagatti; Arwin Sandesh Dsouza; Avinash N J; Praveen N	Optimizing Arbitrage Opportunities in Automated Market Makers Using Scalable Blockchain Flash Loans	-	International Conference on Artificial Intelligence and Data Engineering (AIDE)	E- ISBN:979-8-3315-2751-8, 12 May 2025	-	Scopus	10.1109/AIDE64228.2025.10986867
80	Vinayambika S Bhat	Vinayambika S Bhat, Yong Wang	Revisiting the Control Systems of Autonomous Vehicles in the Agricultural Sector: A Systematic Literature Review	IEEE Access	-	ISSN: 2169-3536, Volume 13, 2025	3.4	Scopus / Q1	https://doi.org/10.1109/ACCESS.2025.3555142
81	Vinayambika S Bhat	Vinayambika S. Bhat, Shreeranga Bhat, Indiran Thirunavukkarasu, S. Shanmuga Priya, E. V. Gijo, Jiju Antony, Matthew Pepper & S. Tom Foster	Managing quality by design for sustainable performance in the process industry	Quality Management Journal	-	ISSN:1068-6967, Issue 1, Volume 32, 2025	2.9	Scopus / Q2	https://doi.org/10.1080/10686967.2024.2435008
82	Vinayambika S Bhat	Shreeranga Bhat, E V Gijo, Vinayambika S Bhat	Benchmarking the best practices of Lean Six Sigma in aerospace industry in India: a longitudinal multiple case analysis and roadmap for deployment	Benchmarking: An International Journal	-	ISSN:1463-5771, 2025	4.4	Scopus / Q1	https://doi.org/10.1108/BIJ-06-2024-0511
83	Ramalingam H M	Avinash N J, Vinayambika S bhat, Deepthi Shetty , Deepthi Kotian	TinyML-Powered Pothole Detection on Edge Devices: Optimizing Speed, Memory, and Accuracy	-	First International Conference on Computer Vision, Communication System and Computational Intelligence (CVCNCE-2025)	May,2025	-	-	-
84	Sithara Mary Sunny	Sithara Mary Sunny and Arun P. Parameswaran	Intelligent human gait phase classification using machine learning models	IEEE Access	-	ISSN 2169-3536, 2025	3.4	Scopus / Q1	https://ieeexplore.ieee.org/document/11123434

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86	Raghavendra M. Shet	Raghavendra M. Shet, Girish V. Lakhekar, Sandeep D. Hanwate	Autonomous Vehicle Path Tracking: Differential Lyapunov Optimal Control and Decision Fault Tree Learning	-	2025 7th International Conference on Signal Processing, Computing and Control (ISPC)	Electronic ISSN: 2643-8615	-	Scopus	DOI: 10.1109/ISPC66872.2025.11039539
87	Vinayambika S Bhat	Mohammed Al-Mahmodi, Hanan M Mansy, Yong Wang, Vinayambika S Bhat, Frederic Heliodore, Timothy R Collins	Analysis of Stationary Lithium-Ion Battery Energy Storage System Accidents: Causes, Patterns, and Insights	-	Proceedings of the IISE Annual Conference & Expo 2025	-	-	-	https://iise.secure-platform.com/annual/solicitations/102003/sessiongallery/schedule/items/94349/application/6307
88	Ranjith H D	Preethi Salian K, K Annapoorneshwari Shetty, Ranjith H D, Karthik, Ashwitha C Thomas, Supriya Salian	Advanced Lane Detection and Curvature Estimation for Autonomous Vehicles	IEEE Access	<i>Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application (ICIDCA-2025)</i> <i>DVD Part Number: CFP25CR5-DVD;</i>	Electronic ISBN:979-8-3315-1414-3 DVD ISBN:979-8-3315-1413-6 Print on Demand(PoD) ISBN:979-8-3315-1415-0 October 2025, Page(s):105 - 111	-	-	10.1109/ICIDCA66325.2025.11280393
89	Sandeep V	B. Mohan, J. Charles Pravin and V. Sandeep	Performance Enhancement of T-gated GaN HEMTs Using Polarization-Graded AlGaN Back Barrier for High-Frequency Applications	Semiconductors	-	1063-7826	-	Scopus / Q4	https://doi.org/10.1134/S1063782625602675
90	Bhavya S	Bhavya S, Sri Krishna Shastri C	A review on application of Machine Learning algorithms to predict the brain stroke	IEEE Explore	Proceedings of IEEE Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER)	-	-	-	10.1109/DISCOVER66922.2025.11258883
91	Deepthi Shetty	Deepthi Shetty, Jayalakshmi N S, Vinay Kumar Jadoun, Vinayambika S Bhat	Comparative Analysis of DC Fast Charging Techniques for Lithium-Ion Batteries in Electric Vehicle Applications	IEEE Explore	Proceedings of 2025 IEEE 5th International Conference on Sustainable Energy and Future Electric Transportation (SEFET)	979-8-3315-3544-5	-	Scopus	10.1109/SEFET65155.2025.11255210
92	Vinayambika S Bhat	Vinayambika S Bhat, Yong Wang	Machine learning-enhanced optimization of PI controllers for multivariable distillation columns	International Journal of Advanced Manufacturing Technology	-	-	3.1	Scopus / Q1	https://doi.org/10.1007/s00170-025-17282-0
93	Vinayambika S Bhat	ShreeRama P R, Vinayambika S Bhat	Performance Analysis of Filtering Techniques for Position Tracking in Autonomous Systems	-	Proceedings of IEEE International Conference on Computational System and Information Technology for Sustainable Solutions	-	-	Scopus	https://doi.org/10.1109/INSPIRE67328.2025.11300650
94	Vinayambika S Bhat	Hicham El Baz, Parag Jose C, Vinayambika S Bhat, Yong Wang	Towards Smarter Warehouse Layouts: Simulation-Driven Insights on Congestion and Forklift Flow Patterns"	-	Proceedings of IEEE International Conference on Computational System and Information Technology for Sustainable Solutions	-	-	Scopus	https://doi.org/10.1109/INSPIRE67328.2025.11300596

Information Science & Engineering

95	Renita Pinto	Ms.Ananya, Ms.Vamshi Shetty ,Ms. Adithi J Rao, Ms. Shristi Sadananda Poojary, Ms.Renita Pinto	Krishisuvidha: A Random Forest-Based Application for Plant Disease and Soil Fertility Detection	International Journal of Creative Research Thoughts (IJCRT)	-	ISSN: 2320-2882, Volume 13, Issue 5 May 2025	-	-	https://ijert.org/papers/IJCRT25A5507.pdf
96	Renita Pinto	Spandana Chatra, Sathvik C J, Deon Shanon Dsouza, Renita Pinto	Stroke Prediction Using Machine Learning Algorithms	International Journal of Creative Research Thoughts (IJCRT)	-	ISSN: 2320-2882, Volume 13, Issue 5 May 2026	-	-	IJRTI

97	Renita Pinto	Sharath Kumar, Savitha Shenoy, Renita Pinto	An efficient Mechanism for Blossom classifier using Convolution Neural Networks		2025 1st Global conference on Cognitive Computing and Communication Technology & DPU TechConnect 1.0, IEEE Pune section - 4th and 5th April 2025				
98	Manjunath Hebbagilu	Shreya Sudhakara Nayak, Prof. Manjunath H., Shreya G Bhat, Shrujan Hegde, Sushma	Automated Web Application Testing Using Voice Command	International Journal of Research and Analytical Reviews (IJRAR)		E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.12, Issue 2, Page No pp.750-754, May 2025			http://www.ijrar.org/papers/IJRAR25B2785
99	Dr. Ramananda Mallya K	Aniruddha M, Akhilesh K, Makaranda Gore, Jayaprakash M C, Ramananda Mallya K	Advanced Agricultural Intelligence System for Sustainable Farming	International Journal of Research and Analytical Reviews (IJRAR)		E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.12, Issue 1, Page No pp.345-348, Jan 2025			
100	Narendra U P	Saman Mohammed Sherif, Narendra U. P., Sanjana M., Shobhitha N. V.	Secure vision cloud AI: a comprehensive approach to real-time system monitoring and security		International Conference on Advances in Photonics Science (ICAPS 2024), 136600K (9 June 2025);	Proceedings of SPIE 0277-786X, V. 13660 (9 June 2025);	0.28	Scopus	https://doi.org/10.1117/12.3070990
101	Renita Pinto	Sharath Kumar, Savitha Shenoy, Renita Pinto, Santhosh Kumar G M, Manjunatha H M, P Devdat	Secure Data Recovery for Disruption-Resilient Decentralized Military Networks		IEEE Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER) -17 to 18 Oct. 2025			IEEE	https://doi.org/10.1109/DISCOVER66922.2025.11258936
102	Terence Johnson	Novel and Innovative URL Access Path Obscuring Algorithm for Enhancing Student Data Security in ERP Systems," 2025 International Conference on Intelligent Systems and Pioneering Innovations in Robotics and Electric Mobility (INSPIRE), Mangalore, India, 2025.	A Novel and Innovative URL Access Path Obscuring Algorithm for Enhancing Student Data Security in ERP Systems		2025 International Conference on Intelligent Systems and Pioneering Innovations in Robotics and Electric Mobility (INSPIRE)	20-21 November 2025		IEEE	10.1109/INSPIRE67328.2025.11300636

Mechanical Engineering

103	Santhosh Acharya	Srinidhi Rao P, Gautama Hebbar A, Santhosh Acharya, Vikas Marakini, Smitha G V & Arun Krishnan	Study on temperature and updraft velocity in a solar chimney with steel spheres for heat energy storage	Interactions		Volume 246, article number 20, (2025) January 2025	0.18	Scopus(Q4)	https://doi.org/10.1007/s10751-024-02233-0
104	Dr. Aveen K P	KP Aveen, HT Shivaramu, KC Praveen, DR Sridhar	Optimization of mechanical properties in 3D-printed PLA parts with honeycomb and cubic infill patterns using taguchi method	Materials Research Forum LLC		2474-3941, Volume 55 June & 2025	0.15	Scopus(Q4)	https://doi.org/10.21741/9781644903612-18
105	Dr. Shivaramu H T	Shivaramu H T, Aveen K P, Raeid	Design, Analysis, and Fabrication of Brake System for All-Terrain Vehicle		Quality Festival 2025	978-86-6335-121-9, May 2025			https://conferences.cqm.rs/festival/2025/papers/43.pdf
106	Dr. Shivaramu H T	H. T. Shivaramu, U. Vignesh Nayak, Saiban Ashafque, M. H. Fawaz, M. H. Ruhail and Sayed Mohammed Asfan	Study and Development of Eco-Composite from Waste Chicken Feather for Partition Board Application	Journal of Mines, Metals and Fuels		ISSN : 0022-2755, vol 71, January 2025	0.13	Scopus/Q4	https://doi.org/10.18311/jmmf/2023/47982 https://informaticsjournals.co.in/index.php/jmmf/article/view/47982
107	Dr. Aveen K P	KP Aveen, VN Ullal, PR KM, HT Shivaramu, CM Shashikumar	Optimisation of drilling parameters to minimize delamination in CNT-filled GFRP composites using machine learning	Applications in Engineering Science,		Online ISSN: 2666-4968	2.1	Scopus/Q2	https://doi.org/10.1016/j.applsc.2025.100257
108	Dr. Prashantha	Yash G M, Methil Vivek Shankar, Prashantha Acharya, Thara Reshma I V, Chandrakant R Kini, Kiran Shahapurkar, Padmaraj N H	Stiffness degradation and fatigue damage evolution in treated ramie fibre-reinforced epoxy composites	Results in Engineering		2590-1230, Vol 27, July 2025	7.9	Scopus Q1	https://doi.org/10.1016/j.rineng.2025.106712

109	C R Rajashekhar	K. S. Sudeep Kumar, C. R. Rajashekhar, H. V. Ramyarani and T. G. Yashas Gowda	Effect of Graphene Nano Material Added Pongamia pinnata Biodiesel Combustion on Durability of CI Engine Components and Lubricating Oil Performance	Journal of Mines, Metals and Fuels		ISSN : 0022-2755 73(10): 3279-3288; October 2025.	0.13	Scopus Q4	https://informaticsjournals.co.in/index.php/jmmf/article/view/49558
110	Dr. Prashantha	Juveriya Sayyed, Prashantha Acharya, Sriharsha Hegde, Gururaj Bolar, Manjunath Shetty Thara Reshma I. V., Padmaraj N. H.	Thermal Influence on the Mechanical Performance and Deformation Characteristics of Symmetric and Asymmetric GFRP Laminates	Journal of Composite Science		ISSN: 2504-477X, 9(11), 636, November 2025	3.9	Scopus Q1	https://doi.org/10.3390/jcs9110636
111	C R Rajashekhar	K S Suddep Kumar, C R Rajashekhar, H V Ramyarani, Sooraj Mohanand P Dinesha	Durability impact of graphene-enhanced Honge biodiesel on CI engine components	Discover Sustainability			3	Scopus Q2	https://doi.org/10.1007/s43621-025-02055-2
112	Arun Krishnan	Ashok R Banagar, G.M Mujeebullahkhan, Arun Krishnan, Ravi Rayappa, R.K Veerasha, C.P Ajey	Mechanical and morphological performance of aegle marmelos shell powder reinforced composites for lightweight structural applications.	Journal of the Indian Academy of Wood Science.		eISSN-0976-8432, October 2025.	1.2	WoS / Scopus Q3	https://doi.org/10.1007/s13196-025-00389-y
113	Yuvaraj K.B.	K.B. Yuvaraj, Vignesh Nayak Ullal, B.J. Manujesh, B.V. Manojkumar, Sooraj Mohan, P. Dinesha	Experimental and Machine Learning Investigation of Dry Sliding Wear Behavior in Multiwall Carbon Nanotube Reinforced Stir-Cast Al7475 Alloy	Journal of Materials Research and Technology		https://doi.org/10.1016/j.jmrt.2025.12.084	6.6	WoS/Scopus/Q1	https://doi.org/10.1016/j.jmrt.2025.12.084
114	Dr. Shivaramu H T	HT Shivaramu, KP Aveen, Vignesh Nayak Ullal	The role of experiential learning in improving academic performance and student satisfaction in engineering education	Discover Education, Springer International Publishing		ISSN-27315525, Vo. 4, December 2025	0.8	Scopus/ Q3	https://doi.org/10.1007/s44217-025-01019-y

Mechatronics engineering

115	Dr. Suraj Bhat	Yashwant Prasad, Suraj Bhat, Subir Kumar Saha, M. R. Ravi, Pramod Khadilkar	Technology Interventions in Rural India by an Academic Institute: Challenges and Mitigation Strategies	Journal of Mechanical Design		1050-0472, Vol. 147, No. 7, January, 2025	3	Scopus (Q1)	https://doi.org/10.1115/1.4067479
116	Dr.Kirankumar M V	Sujesh Kumar, Amar Gandge Subash , V Madhanraj, Lokesha M, Kiran Kumar M V	Fault Detection In Belts Using Advanced Signal Processing Techniques And Machine Learning Classification	International Journal of Applied Mathematics		Volume 38 No. 5s, 2025, ISSN: 1311-1728	0.3	Scopus (Q3)	https://ijamjournal.org/ijam/publication/index.php/ijam/article/view/1606/1461
117	Dr.Kirankumar M V	M V Kirankumar ,B Manoj Gowda, P Pravesh Naik, Siya Udaya, M Ashok Kumar	Modelling and fabrication of hybrid dehydrator for vegetables	AIP Publication	PROCEEDINGS OF THE RECENT TRENDS IN MECHANICAL ENGINEERING SCIENCES (RTIMES) - 2024: Innovative Synergy	0094243X, 15517616, Volume 3299, Issue 1, 27 June 2025	SJR(0.153)	Scopus	https://doi.org/10.1063/5.0280964
118	Rajeshwari	Rajeshwari, Aaron Mark Quadros, Nischal, Shashank Otedka Madhava & Muhammed Rashid Ulavoor	Development of obstacle avoidance and path planning for autonomous vehicle using ROS	AIP Publication	PROCEEDINGS OF THE RECENT TRENDS IN MECHANICAL ENGINEERING SCIENCES (RTIMES) - 2024: Innovative Synergy	0094243X, 15517616, Volume 3299, Issue 1, 27 June 2025	0.153	Scopus	https://doi.org/10.1063/5.0281053
119	Nishmitha	Mohan Raj O; Sooryatheja B D; Vivek Vivek; K Prathik; Nishmitha; Suraj Bhat	Design and Testing of an AI-based Campus Waste Management System	IEEE Xplore	2025 International Conference on Intelligent Systems and Pioneering Innovations in Robotics and Electric Mobility (INSPIRE)	979-8-3315-8644-7		Scopus	10.1109/INSPIRE67328.2025.11300669

120	Santhosh S	Manjukiran B; Shantaramara Rai C; Gnane Swarnadh Satapathi; Suhandas; Santhosh S	Performance Evaluation of Quantum Kalman Filter for Target Tracking: A Quantum Information Perspective	IEEE Xplore	2025 International Conference on Intelligent Systems and Pioneering Innovations in Robotics and Electric Mobility (INSPIRE)	ISBN-979-8-3315-5334-0		Scopus	10.1109/INSPIRE67328.2025.11300568
121	Pavitra Kumari	Pavitra Kumari, Sithara Mary Sunny, Arun P Parameswaran, Anjan N Padmasali, Sri Krishna Shastri	Enhanced Passive Cell Balancing Technique for Lithium Ion Battery Packs in Electric Two Wheelers	IEEE Xplore	2025 International Conference on Intelligent Systems and Pioneering Innovations in Robotics and Electric Mobility (INSPIRE)	Electronic ISBN:979-8-3315-8644-7		Scopus	DOI NO: 10.1109/INSPIRE67328.2025.11300634
122	Bindu Madhavi J	Lingaraj K, Rashmi Laxmikant Malghan, Karthik Rao M.C., Lalit Garg, Vishwanatha H.M. & Bindu Madhavi J	Itinerary planning in wireless sensor networks using fuzzy logic and particle swarm optimization	Discover Applied Sciences		ISSN3004-9261	2.8	SCImago, SCOPUS	doi.org/10.1007/s42452-025-08186-5
123	Suraj Bhat	Siddharth Banerjee; Pavan Gowda K T; Suraj S Kumar; Usha E; Suraj Bhat	Design and Analysis of a Rack and Pinion-Based Regenerative Suspension System	IEEE Xplore	2025 Control Instrumentation System Conference (CISCON)	979-8-3315-9773-3		Scopus	10.1109/CISCON66933.2025.11337737

Robotics & Artificial Intelligence

124	Dr. Adithya Hegde	Supriya J P, Raviraj Shetty*, Sawan Shetty, Rajesh Nayak and Adithya Hegde*	Delamination and its Morphological Study on Hibiscus Rosa-Sinensis/ Carbon Nano-tubes/ Epoxy based Hybrid Composites during Abrasive Water Jet Machining using Statistical Optimization Techniques	Journal of Composites Science	NA	ISSN: 2504-477X; Vol:9; Issue:9; 509; September 2025	3.7	Scopus Q1	https://doi.org/10.3390/jcs9090509
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Chemistry

125	Dr. Guruprasad A M	B. T. Ashwini, P. Sachin, B. M. Praveen, B. M. Prasanna, A. M. Guruprasad	Corrosion Inhibition Action of Glipizide against Mild Steel Corrosion in 1M Hydrochloric Acid: Experimental, Theoretical and Quantum studies	Moroccan Journal Of Chemistry		ISSN: 2351-812x, Volume 13, Issue 3, May 2025	2.9	WoS, Scopus (Q3)	https://doi.org/10.48317/IMIST.PRSM/morjchem-v13i3.55416
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MATHS

126	Yashwanth B. R.	Manjunath Malligawad, S.K. Narasimhamurthy, Z. Nekouee, B.R. Yashwanth	Shadow analysis and light deflection in charged Finslerian Kiselev black holes under spherical accretion	Annals of Physics		0003-4916, Volume 477, June 2025, 170005	3	Scopus (Q1)	https://doi.org/10.1016/j.aop.2025.170005
127	Anusha	Anusha, Kumudakshi	Prime Graceful Labelling in Directed Graphs and Applications	Global and stochastic Analysis		ISSN: 2248-9444, Vol. 12 No. 3 (May, 2025)	0.34	Scopus(Q3)	https://www.mukpublications.com/resources/gsa-12-3-8.%20Kumudakshi.pdf
128	Dr. Ramya S	Ramya S, Manjusree G, S George, I. K. Argynos	Unified Convergence Analysis of Certain At Least Fifth Order Methods	Carpathian Journal of Mathematics	-	Volume 41 (2025), No. 2, ISSN 1584-2851 (Print edition); ISSN 1843-4401 (Electronic)	1.4	Scopus (Q1)	https://doi.org/10.37193/CJM.2025.02.14
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160	Dr. Anushree Raj	S. S. Kotian, Anushree Raj, Deekshitha and K. Adamsab	Real-Time Fire and Smoke Detection in Low-Light and Nighttime Environments Using YOLOv8 with Thermal and RGB Data		International Conference on Intelligent Systems and Pioneering Innovations in Robotics and Electric Mobility	11300657 December 2025		Scopus	10.1109/INSPIRE67328.2025.11300635
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