



B.M.S. College of Engineering, Bangalore –560 019

(Autonomous Institution affiliated to VTU, Belgaum)

Department of Computer Science & Engineering

Faculty Publications Details

Year 2025-26

Total no. of Publications (J+C+BC) :74						
No. of Journal Publications(J)			61	No. of Conference Publications(C)	12	No. of Textbook/Book Chapter Publications
Scopus Journals	Q1	0	37	Indian conference	-	
	Q2	17				
	Q3	15				
	Q4	5				
Non- Scopus Journals			06	International	12	
WOS	Q1	12	17(Q1 & Q2)	National	-	
	Q2	5				
SCI			-	Aboard conference	-	

YEAR 2025-26						
JOURNAL/CONFERENCE PAPERS						
Sno	Name of the Faculty	Title of the paper	Publication Details		ISBN/ ISSM Number	Whether Journal is Recognized by Scopus (Yes/ No):J/C
			DOI/ISSN/Publisher	Month/Year		
JULY 2025						
1	Dr. H S Guruprasad, Rashmi K B	KSWN (Kannada SentiWordNet): Developing a Sentiment Lexicon for Kannada using Translation and Word Embedding Techniques”	Journal of Computer Science DOI: 10.3844/jcssp.2025.1482.1489	04/07/2025	ISSN(Print): 1549-3636 ISSN(Online): 1552-6607	YES-J SCOPUS (Q3)
2	Dr. Seema Patil	Wattsahead- An LSTM -Based Predictive Framework for Energy Consumption Forecasting in suburban India	International Journal of Environment Sciences indexed in Scopus Q3 ISSN volume no 11, No 19s	26/07/2025	2229-7359 volume no 11, No 19s	YES-J SCOPUS (Q3)
3	Prameetha Pai, Dr.Seema Patil, Dr. Shobha T	Deep Learning based automatic diagnosis of rice leaf diseases using ensemble CNN models	https://doi.org/10.1038/s41598-025-13079-z Scientific Reports	29/07/2025	2045-2322 Volume-15 Article no 27690	YES-J WOS(Q1)

4	Prof. Prameetha Pai, Dr. Seema Patil, Prof. Swathi Sridharan, Dr. Shobha	Slice Residual U-Net based Rice Plant Disease Classification Using Convolutional Attentional BiGRU	Journal of Internet Services and Information Security	July 2025	2182-2077 387-408	YES-J Scopus(Q2)
5	Dr.Rajeshwari B S	Cross-Chain Interoperability Techniques and the Role of Zero-Knowledge Proofs	2025 International Conference on Computing, Intelligence, and Application	July 2025	10.1109/CIACON654 73.2025.11189597	YES-C
6	Dr.M. V. Sudhamani	Lung Cancer Prediction Using Integrated Deep Learning Model	Springer Nature Singapore, Singapore	July 2025	DOI: 10.1007/978-981-96-3105-6_32	YES-C
AUGUST 2025						
7	Ramya K M	Hierarchical enhanced deep encoder-decoder for intrusion detection and classification in cloud IoT networks	Indonesian Journal of Electrical Engineering and Computer Science 10.11591/ijeecs.v39.i2.pp1 176-1188	12, Aug	2502-4752 1176-1188	YES-J SCOPUS (Q3)
8	Supreeth. S	Simplified Electrochemical Sensor Based on Sulphuric Acid- Preactivated Glassy Carbon Electrode for Enhanced Detection of 2-Nitrophenol and 4-Aminopyridine	Simplified Electrochemical Sensor Based on Sulphuric Acid- Preactivated Glassy Carbon Electrode for Enhanced Detection of 2- Nitrophenol and 4- Aminopyridine	16-08-2025	14523981	YES-J SCOPUS (Q3)

			10.1016/j.ijoes.2025.101155			
9	Dr.Selva kumar, Syed Akram	A Risk-Aware Communication Framework for Intelligent Transportation Systems Using Machine Learning-Based Severity Scoring and Message Prioritization	International Journal of Environmental Sciences https://doi.org/10.64252/jcefx44	August 2025	2229-7359	YES-J SCOPUS (Q4)
10	E. Naresh	Adaptive deep SVM for detecting early heart disease among cardiac patients	Scientific Reports 10.1038/s41598-025-15938-1	18 August 2025	2045232 1-23	YES-J WOS(Q1)
11	Dr. H S Guruprasad, Rashmi KB	“KaEnLandetector: Rule-Based Language Annotation and Transformer Based Language Detection for Kannada-English Code-Mixed Text”	ACM Transactions on Asian and Low- Resource Language Information Processing DOI: 10.1145/3748310	20 August 2025	[Volume 24, Issue 8, Article No. 77, 2025, pp 1-19] ISSN:2375-4699 EISSN:2375-4702	YES-J WOS(Q3) SCOPUS (Q2)
12	E. Naresh	Representative Image Encryption and Decryption Framework with Block-Level Pixel Analysis for Medical Applications	IETE Journal of Research 10.1080/03772063.2025.2545424	27 August 2025	3772063 1-11	YES-J SCOPUS (Q2)
13	Dr.Namratha M, Dr.Rajeshwari B S	Sustainable Innovations for A Greener Future: Exploring Biodegradable Plastic Applications	International Journal of Environmental Sciences, Elsevier	August 2025	ISSN: 2229-7359 1189-1198	YES-J SCOPUS (Q4)

			https://theaspd.com/index.php/ijes/article/view/9175/6602			
14	Dr.Namratha M, Dr.Rajeshwari B S	BERT-Based Classification of Reddit Posts for Mental Health Detection and Feed Adjustment in Social Media	Gongcheng Kexue Yu Jishu/Advanced Engineering Sciences DOI: 08.865/Aes.28.09.2025.01	August 2025	ISSN: 2096-3246 5531-5540	YES-J (SCOPUS Q2)
SEPTEMBER 2025						
15	Dr.Sarala DV, Monisha G B, Supreeth S	SafeHadoop: Reinventing Data Security for Distributed Environments	TANZ(ISSN NO: 1869-7720)	10-09-2025	ISSN NO: 1869-7720	NO-J
16	Chaitra SP	A comprehensive study of non-invasive anemia detection techniques: challenges and future directions	Journal of Theoretical and Applied Information Technology	15th September 2025	ISSN: 1992-8645 6804 - 6823	YES-J (SCOPUS Q4)
17	Madhavi R P	Reinforcement Learning for Energy Grid Optimization	Tanz Research Journal 10.6084/doi.25.11.8.TANZ2202860	3/9/2025	TANZ(ISSN NO: 1869-7720)	NO-J
18	Madhavi R P	AI-Powered Web Automation for Educational and Job Portals Using NLP	Tanz Research Journal 10.6084/doi.25.11.8.TANZ2202874	3/9/2025	TANZ(ISSN NO: 1869-7720)	NO-J

19	Namitha S.J , Prameetha Pai , Sowmya T	Driven Automation Framework: Harnessing Webhook Architectures	Tanz Research Journal 10.6084/doi.25.11.9.TAN Z2202897	3/9/2025	ISSN NO:1869- 7720 238-245	NO-J
OCTOBER 2025						
20	Dr. Kavitha Sooda, Sunayana S	ADGen: A Multimodal Advertisement Generation Dataset and Video Captioning Framework	3rd International Conference on Advances in Data-driven Computing and Intelligent Systems , organized by BITS Pilani, K K Birla Goa Campus, India and National Forensic Sciences University, Goa Campus	1-Oct-2025	https://doi.org/10.1007/978-981-96-5370-6_2 978-981-96-5370-6	YES-C
21	Dr.Umadevi V	Regression algorithms for prediction of vine yield and assessment of wine quality from vineyard of rural Karnataka	Journal of Wine Research, Taylor and Francis,	6th Oct, 2025	https://doi.org/10.1080/09571264.2025.2558526	YES-J (SCOPUS Q2)
22	Sunayana S	A Multi-Task Deep Learning Framework for Simultaneous Prediction of Brain Tumor Recurrence and Patient Survival Using MRI and Genomic Data	TANZ(ISSN NO: 1869- 7720)	Oct 2025	10.6084/doi.25.11.1 0.TANZ2202934	NO-J
23	Akshatha G	Deep Learning for Facial Forgery Detection Performance	Journal of Machine and Computing	14th Oct, 2025	https://doi.org/10.53759/7669/jmc202606005	YES-J (SCOPUS Q3)

		Evaluation of DenseNet201, InceptionV3 and ConvNeXt				
24	Dr. S. Selva Kumar	Room-temperature methanol sensing using PEDOT: PSS–WO3 hybrid nanocomposites with enhanced sensitivity and fast response	Journal of Porous Materials, Springer Nature	22 Oct 2025	https://doi.org/10.1007/s10934-025-01869-9 1573-4854	YES-J WOS(Q2)
25	Ramya K M	Quantitative Analysis of Deep Learning Techniques in Retinal Disease Classification	2025 3rd International conference on advances in Computation, Communication and Information Technology(ICAICCIT)	31/10/2025	https://doi.org/10.1109/ICAICCIT68829.2025.11434375	YES-C
26	Dr.M. V. Sudhamani	VISION AID—A Light Weight Blind Assistance Tool Using IoT and Computer Vision Techniques	SpringerNature Singapore	OCTOBER 2025	DOI:10.1007/978-981-96-6046-9_16	YES-C
27	Sunayana S, Sonika Sharma D	A Transformer Guided Generative Adversarial Network (TG-GAN) for Style Transfer in Artistic and Natural Scene Images	International Information and Engineering Technology Association	31-Oct-2025	https://doi.org/10.18280/isi.3010162707-2717	YES-J (SCOPUS Q3)

NOVEMBER 2025

28	Dr. S. Selva Kumar	The most effective framework for cloud based IOT using Deep learning based cyber-attack detection	International Journal of applied Mathematics	Nov 2025	1311-1728	YES-J SCOPUS (Q3)
29	Dr. S. Selva Kumar	Hydrogen uptake prediction in porous carbon materials explained by decision tree machine learning Algorithms: From experimental data to interpretable predictions	International Journal of Hydrogen Energy	Nov 2025	https://doi.org/10.1016/j.ijhydene.2025.152704 0360-3199	YES-J WOS Q1
30	G. S. Rekha	Studies on Machine Learning-Guided Prediction and Experimental Validation of Ni-Doped BaCO3 for Energy Applications	Eurasian Journal of Physics and Functional Materials	20 November 2025	https://doi.org/10.69912/2616-8537.1261 ISBN-2616-8537	YES-J SCOPUS (Q4)
31	Pooja Ahuja	MAE- and DINOv2-Powered DETR++: A Hybrid, Transformer-Based Self-Supervised Framework for Accurate Object Detection	Engineering, Technology & Applied Science Research	5 November 2025	https://doi.org/10.48084/etasr.12919	YES-C
32	Dr.K.R. Radhika Dr. S.V. Sheela	Enhanced iris recognition using an optimised gated recurrent unit with informative feature selection	International Journal of Information and Computer Security	21/11/2025	https://doi.org/10.1504/IJICS.2025.150006	YES-J SCOPUS (Q3)
33	Madhavi RP	Early Dementia Detection Using Multi-lingual Voice Analysis With Nlp Techniques	Degres Journal	29/11/2025	DOI:12.1789001.D EJ.2025.V10I11.25. 412050	YES-J SCOPUS (Q4)

34	Dr. Rajeshwari B S , Dr. Namratha M	Optimizing Distributed Query Performance with Self-Balancing AVL Trees	Gongcheng Kexue Yu Jishu/Advanced Engineering Science	November 2025	2096-3246 5559-5570	YES-J SCOPUS (Q3)
DECEMBER 2025						
35	Akshatha G	CAAFR: Comparative Analysis of Amazon and Flipkart Reviews	IEEE Xplore	1st December 2025	10.1109/ICoICI65217.2025.11253064 978-1-6654-5753-8	YES-C
36	Dr.E. Naresh	COA Based Adaptive Neuro-Fuzzy Inference System: Machine Learning Approach for Crop Yield Prediction to Promise Agricultural Sustainability	SN Computer Science	December 2025	10.1007/s42979-025-04534-9	YES-J SCOPUS(Q2)
37	Dr.E. Naresh, Dr.Raghavendra C K	Comprehensive brain tumour concealment utilizing peak valley filtering and deeplab segmentation	Scientific Reports	December 2025	10.1038/s41598-025-18574-x 20452322	YES-J WOS(Q1)
38	Ramya K M	SCALED-IDS: A Deep Semantic Class-Aware Layered Framework for Multiclass	Engineering, Technology & applied Science Research	08/12/2025	https://doi.org/10.48084/etasr.12379 1792-8036	YES-J SCOPUS(Q2)

		Intrusion Detection in Cloud-IoT Environments			28411–28419	
39	Dr. Umadevi V	Ensemble Method of Pre-Trained Models for Classification of Skin Lesion Images	MDPI Applied Science	12th December 2025	https://doi.org/10.3390/app152413083	YES-J WOS(Q2)
40	Dr. Rajeshwari B S	A Comprehensive System for Detecting and Categorizing Citizen Problems with Location Insights from Twitter	IEEE 9th International Conference on Computational System and Information Technology for Sustainable Solutions	December 2025	10.1109/CSITSS67709.2025.11295122	YES-C
41	Swathi Sridharan	Brain stroke detection using neuroimaging	Tanz Research Journal	December 2025	1869-7720 Vol.11,Issue 12,Dec 2025	NO-J
42	Saritha A. N	Alleviate: An AI-Powered Mobile Application for Personalized Healthcare Management and Doctor Recommendation	IEEE Access	29 December 2025	10.1109/ACCESS.2025.3647089 2169-3536 215822-832	YES-J WOS(Q2) SCOPUS(Q1)

43	Dr.C. K. Raghavendra	Water Quality Prediction Using Ensemble Models: MLP, RF, and SVM	IEEE International Conference on Contemporary Computing and Communications (InC4), Bangalore, India, 2025	December 2025	doi: 10.1109/InC465408.2025.11256326	YES-C
44	Dr.C. K. Raghavendra	Deep Learning in Plant Disease Classification and Identification	IEEE International Conference on Contemporary Computing and Communications (InC4), Bangalore, India, 2025	December 2025	doi: 10.1109/InC465408.2025.11256312	YES-C
JANUARY 2026						
45	Dr.C. K. Raghavendra	Dual module- wider and deeper stochastic gradient descent and dropout based dense neural network for movie recommendation	Scientific Reports	09/01/2026	https://doi.org/10.1038/s41598-025-30776-x	YES_J WOS(Q1)
FEBURARY 2026						
46	Madhavi RP, Supreeth S	Zero-Shot Object Tracking Using a Hybrid Deep Learning and Classical Machine Learning Model	IAENG International Journal of Computer Science	01-02-2026		YES-J (SCOPUS Q3)

47	Rashmi K B	A temperature- and impedance-aware LSTM–PINN framework for physically consistent battery SOH prediction	Springer Reports Scientific	6th Feb, 2026	https://doi.org/10.1038/s41598-026-37850-y	YES-J WOS(Q1)
48	C.V. Pallavi	IoT Driven Soil Nutrient Measurement using Lora and Broken Stick Regression Techniques	Engineering,Technology and Applied Science Research	26th Feb, 2026	https://doi.org/10.48084/etasr.12854	YES-J (SCOPUS Q2)
49	Dr.Umadevi	Dynamic Kannada Sign Language Recognition On Resource Constrained Devices	Springer Reports Scientific	26th Feb, 2026	https://doi.org/10.1038/s41598-026-40181-7	YES-J WOS(Q1)
50	Dr.C. K. Raghavendra	A multi-scale deep learning approach for nutrient deficiency detection in banana plants using adaptive feature pooling	Neural Computing and Applications - Springer	21 February 2026	https://doi.org/10.1007/s00521-025-11726-0	YES-J (SCOPUS Q1) (WOS Q2)
51	Dr. Rajeshwari B S , Dr. Namratha M	A Novel Push Pull Optimization Algorithm Fostered Deadline Aware Task Scheduling in Virtualized Cloud Computing	Franklin Open, Elsevier	February 2026	https://doi.org/10.1016/j.fraope.2026.100499	YES-J (SCOPUS Q2)

52	Dr. Jyothi S Nayak, Dr. Rajeshwari B S , Dr. Namratha M	SHAP-Based Explainability for Local and Global Insights in Alzheimer's Detection	Engineering,Technology and Applied Science Research	February 2026	https://doi.org/10.48084/etasr.13932	YES-J (SCOPUS Q2)
53	Prameetha Pai, Namitha S. J., Sowmya T	Intelligent plant disease detection using twin attention optimal convolutional neural network	IAES International Journal of Artificial Intelligence (IJ-AI)	February 2026	0.11591/ijai.v15.i1. pp756-765	YES-J (SCOPUS Q2)
54	Sunayana S, Rajeshwari Madli	Blockchain-Driven Peer-to-Peer Smart Energy Trading for Decentralized Power Networks	International Information and Engineering Technology Association	28-Feb-2026	https://doi.org/10.18280/jesa.590208385-394	YES-J (SCOPUS Q3)
MARCH 2026						
55	Dr. Anitha H M	Optimizing the Inner Signal: Next-Generation BCI for Robust Mental Health Monitoring	Journal of Xidian University	Mar 09, 2026	https://doi.org/10.5281/Zenodo.18922260 ISSN No:1001-2400	YES-J (SCOPUS Q4)
56	Dr. Anitha H M	Enabling Intelligent Systems Using Data Science and Unified IoT -Centric Decision Intelligence	Journal of Xidian University	Mar 09, 2026	https://doi.org/10.5281/Zenodo.18922246 ISSN No:1001-2400	YES-J (SCOPUS Q4)

		Framework: A Multi-Domain Review				
57	Shwetha K.S	Deep Learning applications in automated detection of plant diseases across diverse crops	Journal of Integrated SCIENCE & TECHNOLOGY	10/03/2026	DOI:10.62110/sciencein.jist.2026.v14.1553	YES-J (SCOPUS Q3)
58	Dr.M V Sudhamani	Blockchain-based Trust and Privacy-Preserving Authentication using Federated Learning in Pharmaceutical Supply Chains	2025 International Conference On Emerging Computation and Information Technologies (ICECIT)	30/03/2026	DOI: 10.1109/ICECIT67774.2025.11451128	YES-C
APRIL 2026						
59	Monisha H M	Smartphone-Based Hybrid Deep Learning System for Real-Time Microplastic Detection in Drinking Water	International Journal of Drug Delivery Technology (IJDDT)	April 2026	0975 4415	YES-J (SCOPUS Q3)
60	K R Mamatha	Cancelable Biometrics Using Blockchain	2026 Contemporary Computing Innovations Conference	April 2026	10.1109/CCIC68129.2026.11486219	YES-C
61	Ramya K M	AI-Powered Network Intrusion Detection System	2026 Contemporary Computing Innovations Conference	April 2026	https://doi.org/10.1109/CCIC68129.2026.11486086	YES-C

62	Dr.Kavitha Sooda	MS-GATOR: multi-scale graph attention with topological reasoning for segmentation and classification of prostate cancer based on Gleason scores using histopathology images.	Scientific Reports	April 2026	https://doi.org/10.1038/s41598-026-48552-w	YES-J WOS(Q1)
63	Dr. Jyothi S Nayak	A Dual-path hybrid framework for bias detection in social media using statistical and contextual embeddings	Journal of Data, Information and Management	April 2026	https://doi.org/10.1007/s42488-026-00160-z	YES-J (SCOPUS Q2)
64	Dr. Shwetha K S	Spatial structure based deep feature fusion network for autism spectrum disorder classification	Scientific Reports	April 2026	https://doi.org/10.1038/s41598-026-48562-8	YES-J WOS(Q1)
65	Dr. Namratha M	Tangent Position-Aware Bundle Convolutional Neural Network-Based Prevention Algorithm for Block Withholding Attacks in Blockchain	Transactions on Emerging Telecommunications Technologies, Wiley	24th April 2026	https://doi.org/10.1002/ett.70415	YES-J SCOPUS(Q2) WOS(Q3)

66	Rajeshwari Madli	Hybrid DBO-GWO Multi-Objective Clustering with Light Weight Attention Based Routing Framework for Energy Optimized IoT Networks	International Information and Engineering Technology Association	April 2026	https://doi.org/10.18280/jesa.5904251171-1179	YES-J SCOPUS(Q3)
MAY 2026						
67	Dr. Asha G R	Optimization of mechanical performance of underwater friction stir welded AA5754 aluminum alloy using MEREC–CoCoSo approach	Springer	07-May 2026	https://doi.org/10.1007/s10751-026-02548-0	YES-J SCOPUS(Q2)
68	Dr.Naresh E	Hybrid deep learning-based multimodal framework for plant leaf disease classification using RGB, Excess Green (ExG), and pseudo-thermal representations with MobileNetV2	Scientific Reports	5/21/2026	https://doi.org/10.1038/s41598-026-52115-4	YES-J WOS(Q1)
69	Dr. Shwetha K S	Efficient Lung Abnormality Detection Using Deep Convolutional Neural Networks	SN Computer Science	9/5/2026	https://doi.org/10.1007/s42979-026-05025-1	YES-J SCOPUS(Q2)

70	Radhika A D, Dr.Jyothi S. Nayak	Deep learning-based human suspicious activity detection system for defence surveillance	African Journal of Science, Technology, Innovation and Development	20th May 2026	10.1080/20421338.2026.2642723 2042-1338 (Print) 2042-1346 (Online) 331-345	YES-J SCOPUS(Q2)
71	Dr.Seema Patil	Dynamic Latency Optimization for Edge-Based Machine Learning Models in 6G-Enabled Industrial Internet of Things (IoT)	Acta Scientiae	May 2026	https://zenodo.org/records/20094301 1517-4492	YES-J SCOPUS(Q2)
JUNE 2026						
72	Supreeth.S	Genetic algorithm-based calibration optimization of coated fiber Bragg grating sensors for high-temperature applications	Journal of Optics	04/06/2026	https://doi.org/10.1007/s12596-026-03179-y	YES-J WOS(Q2)
73	Dr.Prameetha Pai	DLoG – automatic disc based laplacian of gaussian operator for carotid artery boundary extraction in ultrasound images	Scientific Reports	22/06/2026	https://doi.org/10.1038/s41598-026-43716-0	YES-J WOS(Q1)

74	12	Transformer CNN Framework Optimized by Tornado Optimization Algorithm for Brain Tumor Segmentation and Classification	International Journal of Intelligent Engineering and Systems	19/06/2026	https://doi.org/10.22266/ijies2026.0731.51	YES-J(Q3)

YEAR 2025-26						
JOURNAL PAPERS						
Sno	Name of the Faculty	Title of the paper	Publication Details		ISBN/ ISSM Number	Whether Journal is Recognized by Scopus (Yes/ No):J/C
			DOI/ISSN/Publisher	Month/Year		
JULY 2025						
1	Dr. H S Guruprasad	KSWN (Kannada SentiWordNet): Developing a Sentiment Lexicon for Kannada using Translation and Word Embedding Techniques”	Journal of Computer Science DOI: 10.3844/jcssp.2025.1482.1489	04/07/2025	ISSN(Print): 1549-3636 ISSN(Online): 1552-6607	YES-J SCOPUS (Q3)
2	Dr. Seema Patil	Wattsahed- An LSTM -Based Predictive Framework for Energy Consumption Forecasting in suburban India	International Journal of Environment Sciences indexed in Scopus Q3 ISSN volume no 11, No 19s	26/07/2025	2229-7359 volume no 11, No 19s	YES-J SCOPUS (Q3)
3	Prameetha Pai, Dr.Seema Patil, Dr. Shobha T	Deep Learning based automatic diagnosis of rice leaf diseases using ensemble CNN models	https://doi.org/10.1038/s41598-025-13079-z Scientific Reports	29/07/2025	2045-2322 Volume-15 Article no 27690	YES-J WOS(Q1)
4	Prof. Prameetha Pai, Dr. Seema Patil,	Slice Residual U-Net based Rice Plant Disease Classification	Journal of Internet Services and Information Security	July 2025	2182-2077 387-408	YES-J Scopus(Q2)

	Prof. Swathi Sridharan, Dr. Shobha	Using Convolutional Attentional BiGRU				
AUGUST 2025						
5	Ramya K M	Hierarchical enhanced deep encoder-decoder for intrusion detection and classification in cloud IoT networks	Indonesian Journal of Electrical Engineering and Computer Science 10.11591/ijeecs.v39.i2.pp1 176-1188	12, Aug	2502-4752 1176-1188	YES-J SCOPUS (Q3)
6	Supreeth. S	Simplified Electrochemical Sensor Based on Sulphuric Acid- Preactivated Glassy Carbon Electrode for Enhanced Detection of 2-Nitrophenol and 4-Aminopyridine	Simplified Electrochemical Sensor Based on Sulphuric Acid- Preactivated Glassy Carbon Electrode for Enhanced Detection of 2- Nitrophenol and 4- Aminopyridine 10.1016/j.ijoes.2025.1011 55	16-08-2025	14523981	YES-J SCOPUS (Q3)
7	Dr.Selva kumar, Syed Akram	A Risk-Aware Communication Framework for Intelligent Transportation Systems Using Machine Learning-Based Severity Scoring and Message Prioritization	International Journal of Environmental Sciences https://doi.org/10.64252/jccef44	August 2025	2229-7359	YES-J SCOPUS (Q4)

8	E. Naresh	Adaptive deep SVM for detecting early heart disease among cardiac patients	Scientific Reports 10.1038/s41598-025-15938-1	18 August 2025	2045232 1-23	YES-J WOS(Q1)
9	Dr. H S Guruprasad	“KaEnLandetector: Rule-Based Language Annotation and Transformer Based Language Detection for Kannada-English Code-Mixed Text”	ACM Transactions on Asian and Low- Resource Language Information Processing DOI: 10.1145/3748310	20 August 2025	[Volume 24, Issue 8, Article No. 77, 2025, pp 1-19] ISSN:2375-4699 EISSN:2375-4702	YES-J WOS(Q3) SCOPUS (Q2)
10	E. Naresh	Representative Image Encryption and Decryption Framework with Block-Level Pixel Analysis for Medical Applications	IETE Journal of Research 10.1080/03772063.2025.2545424	27 August 2025	3772063 1-11	YES-J SCOPUS (Q2)
11	Dr.Namratha M, Dr.Rajeshwari B S	Sustainable Innovations for A Greener Future: Exploring Biodegradable Plastic Applications	International Journal of Environmental Sciences, Elsevier https://theaspd.com/index.php/ijes/article/view/9175/6602	August 2025	ISSN: 2229-7359 1189-1198	YES-J SCOPUS (Q4)
12	Dr.Namratha M, Dr.Rajeshwari B S	BERT-Based Classification of Reddit Posts for Mental Health Detection and Feed Adjustment in Social Media	Gongcheng Kexue Yu Jishu/Advanced Engineering Sciences DOI: 08.865/Aes.28.09.2025.01	August 2025	ISSN: 2096-3246 5531-5540	YES-J (SCOPUS Q2)
SEPTEMBER 2025						

13	Dr.Sarala DV, Monisha G B, Supreeth S	SafeHadoop: Reinventing Data Security for Distributed Environments	TANZ(ISSN NO: 1869-7720)	10-09-2025	ISSN NO: 1869-7720	NO-J
14	Chaitra SP	A comprehensive study of non-invasive anemia detection techniques: challenges and future directions	Journal of Theoretical and Applied Information Technology	15th September 2025	ISSN: 1992-8645 6804 - 6823	YES-J (SCOPUS Q4)
15	Madhavi R P	Reinforcement Learning for Energy Grid Optimization	Tanz Research Journal 10.6084/doi.25.11.8.TANZ2202860	3/9/2025	TANZ(ISSN NO: 1869-7720)	NO-J
16	Madhavi R P	AI-Powered Web Automation for Educational and Job Portals Using NLP	Tanz Research Journal 10.6084/doi.25.11.8.TANZ2202874	3/9/2025	TANZ(ISSN NO: 1869-7720)	NO-J
17	Namitha S.J , Prameetha Pai , Sowmya T	Driven Automation Framework: Harnessing Webhook Architectures	Tanz Research Journal 10.6084/doi.25.11.9.TANZ2202897	3/9/2025	ISSN NO:1869-7720 238-245	NO-J
OCTOBER 2025						
18	Dr.Umadevi V	Regression algorithms for prediction of vine yield and assessment of wine quality from vineyard of rural Karnataka	Journal of Wine Research, Taylor and Francis,	6th Oct, 2025	https://doi.org/10.1080/09571264.2025.2558526	YES-J (SCOPUS Q2)

19	Sunayana S	A Multi-Task Deep Learning Framework for Simultaneous Prediction of Brain Tumor Recurrence and Patient Survival Using MRI and Genomic Data	TANZ(ISSN NO: 1869-7720)	Oct 2025	10.6084/doi.25.11.10.TANZ2202934	NO-J
20	Akshatha G	Deep Learning for Facial Forgery Detection Performance Evaluation of DenseNet201, InceptionV3 and ConvNeXt	Journal of Machine and Computing	14th Oct, 2025	https://doi.org/10.53759/7669/jmc202606005	YES-J (SCOPUS Q3)
21	Dr. S. Selva Kumar	Room-temperature methanol sensing using PEDOT: PSS–WO3 hybrid nanocomposites with enhanced sensitivity and fast response	Journal of Porous Materials, Springer Nature	22 Oct 2025	https://doi.org/10.1007/s10934-025-01869-9 1573-4854	YES-J WOS(Q2)
22	Sunayana S, Sonika Sharma D	A Transformer Guided Generative Adversarial Network (TG-GAN) for Style Transfer in Artistic and Natural Scene Images	International Information and Engineering Technology Association	31-Oct-2025	https://doi.org/10.18280/isi.3010162707-2717	YES-J (SCOPUS Q3)
NOVEMBER 2025						
23	Dr. S. Selva Kumar	The most effective framework for cloud based IOT using Deep learning based cyber-attack detection	International Journal of applied Mathematics	Nov 2025	1311-1728	YES-J SCOPUS (Q3)

24	Dr. S. Selva Kumar	Hydrogen uptake prediction in porous carbon materials explained by decision tree machine learning Algorithms: From experimental data to interpretable predictions	International Journal of Hydrogen Energy	Nov 2025	https://doi.org/10.1016/j.ijhydene.2025.152704 0360-3199	YES-J WOS Q1
25	G. S. Rekha	Studies on Machine Learning-Guided Prediction and Experimental Validation of Ni-Doped BaCO3 for Energy Applications	Eurasian Journal of Physics and Functional Materials	20 November 2025	https://doi.org/10.69912/2616-8537.1261 ISBN-2616-8537	YES-J SCOPUS (Q4)
26	Dr.K.R. Radhika Dr. S.V. Sheela	Enhanced iris recognition using an optimised gated recurrent unit with informative feature selection	International Journal of Information and Computer Security	21/11/2025	https://doi.org/10.1504/IJICS.2025.150006	YES-J SCOPUS (Q3)
27	Madhavi RP	Early Dementia Detection Using Multi-lingual Voice Analysis With Nlp Techniques	Degres Journal	29/11/2025	DOI:12.1789001.D EJ.2025.V10I11.25. 412050	YES-J SCOPUS (Q4)
28	Dr. Rajeshwari B S , Dr. Namratha M	Optimizing Distributed Query Performance with Self-Balancing AVL Trees	Gongcheng Kexue Yu Jishu/Advanced Engineering Science	November 2025	2096-3246 5559-5570	YES-J SCOPUS (Q3)
DECEMBER 2025						
29	Dr.E. Naresh	COA Based Adaptive Neuro-Fuzzy Inference System: Machine Learning Approach for	SN Computer Science	December 2025	10.1007/s42979-025-04534-9	YES-J SCOPUS(Q2)

		Crop Yield Prediction to Promise Agricultural Sustainability				
30	Dr.E. Naresh, Dr.Raghavendra C K	Comprehensive brain tumour concealment utilizing peak valley filtering and deeplab segmentation	Scientific Reports	December 2025	10.1038/s41598-025-18574-x 20452322	YES-J WOS(Q1)
31	Ramya K M	SCALED-IDS: A Deep Semantic Class-Aware Layered Framework for Multiclass Intrusion Detection in Cloud-IoT Environments	Engineering, Technology & applied Science Research	08/12/2025	https://doi.org/10.48084/etasr.12379 1792-8036 28411–28419	YES-J SCOPUS(Q2)
32	Dr. Umadevi V	Ensemble Method of Pre-Trained Models for Classification of Skin Lesion Images	MDPI Applied Science	12th December 2025	https://doi.org/10.3390/app152413083	YES-J WOS(Q2)
33	Swathi Sridharan	Brain stroke detection using neuroimaging	Tanz Research Journal	December 2025	1869-7720 Vol.11,Issue 12,Dec 2025	NO-J

34	Saritha A. N	Alleviate: An AI-Powered Mobile Application for Personalized Healthcare Management and Doctor Recommendation	IEEE Access	29 December 2025	10.1109/ACCESS.2025.3647089 2169-3536 215822-832	YES-J WOS(Q2) SCOPUS(Q1)
JANUARY 2026						
35	C. K. Raghavendra	Dual module- wider and deeper stochastic gradient descent and dropout based dense neural network for movie recommendation	Scientific Reports	09/01/2026	https://doi.org/10.1038/s41598-025-30776-x	YES_J WOS(Q1)
FEBURARY 2026						
36	Madhavi RP, Supreeth S	Zero-Shot Object Tracking Using a Hybrid Deep Learning and Classical Machine Learning Model	IAENG International Journal of Computer Science	01-02-2026		YES-J (SCOPUS Q3)
37	Rashmi K B	A temperature- and impedance-aware LSTM–PINN framework for physically consistent battery SOH prediction	Springer Scientific Reports	6th Feb, 2026	https://doi.org/10.1038/s41598-026-37850-y	YES-J WOS(Q1)

38	C.V. Pallavi	IoT Driven Soil Nutrient Measurement using Lora and Broken Stick Regression Techniques	Engineering,Technology and Applied Science Research	26th Feb, 2026	https://doi.org/10.48084/etasr.12854	YES-J (SCOPUS Q2)
39	Dr.Umadevi	Dynamic Kannada Sign Language Recognition On Resource Constrained Devices	Springer Scientific Reports	26th Feb, 2026	https://doi.org/10.1038/s41598-026-40181-7	YES-J WOS(Q1)
40	C. K. Raghavendra	A multi-scale deep learning approach for nutrient deficiency detection in banana plants using adaptive feature pooling	Neural Computing and Applications - Springer	21 February 2026	https://doi.org/10.1007/s00521-025-11726-0	YES-J (SCOPUS Q1) (WOS Q2)
41	Dr. Rajeshwari B S , Dr. Namratha M	A Novel Push Pull Optimization Algorithm Fostered Deadline Aware Task Scheduling in Virtualized Cloud Computing	Franklin Open, Elsevier	February 2026	https://doi.org/10.1016/j.fraope.2026.100499	YES-J (SCOPUS Q2)
42	Dr. Jyothi S Nayak, Dr. Rajeshwari B S , Dr. Namratha M	SHAP-Based Explainability for Local and Global Insights in Alzheimer's Detection	Engineering,Technology and Applied Science Research	February 2026	https://doi.org/10.48084/etasr.13932	YES-J (SCOPUS Q2)
43	Prameetha Pai, Namitha S. J., Sowmya T	Intelligent plant disease detection using twin attention	IAES International Journal of Artificial Intelligence (IJ-AI)	February 2026	0.11591/ijai.v15.i1.pp756-765	YES-J (SCOPUS Q2)

		optimal convolutional neural network				
44	Sunayana Rajeshwari Madli S,	Blockchain-Driven Peer-to-Peer Smart Energy Trading for Decentralized Power Networks	International Information and Engineering Technology Association	28-Feb-2026	https://doi.org/10.18280/jesa.590208385-394	YES-J (SCOPUS Q3)
MARCH 2026						
45	Dr. Anitha H M	Optimizing the Inner Signal: Next-Generation BCI for Robust Mental Health Monitoring	Journal of Xidian University	Mar 09, 2026	https://doi.org/10.5281/Zenodo.18922260 ISSN No:1001-2400	YES-J (SCOPUS Q4)
46	Dr. Anitha H M	Enabling Intelligent Systems Using Data Science and Unified IoT -Centric Decision Intelligence Framework: A Multi-Domain Review	Journal of Xidian University	Mar 09, 2026	https://doi.org/10.5281/Zenodo.18922246 ISSN No:1001-2400	YES-J (SCOPUS Q4)
47	Shwetha K.S	Deep Learning applications in automated detection of plant diseases across diverse crops	Journal of Integrated SCIENCE & TECHNOLOGY	10/03/2026	DOI:10.62110/sciencein.jist.2026.v14.1553	YES-J (SCOPUS Q3)

APRIL 2026

48	Monisha H M	Smartphone-Based Hybrid Deep Learning System for Real-Time Microplastic Detection in Drinking Water	International Journal of Drug Delivery Technology (IJDDT)	April 2026	0975 4415	YES-J (SCOPUS Q3)
49	Dr.Kavitha Sooda	MS-GATOR: multi-scale graph attention with topological reasoning for segmentation and classification of prostate cancer based on Gleason scores using histopathology images.	Scientific Reports	April 2026	https://doi.org/10.1038/s41598-026-48552-w	YES-J WOS(Q1)
50	Dr. Jyothi S Nayak	A Dual-path hybrid framework for bias detection in social media using statistical and contextual embeddings	Journal of Data, Information and Management	April 2026	https://doi.org/10.1007/s42488-026-00160-z	YES-J (SCOPUS Q2)
51	Dr. Shwetha K S	Spatial structure based deep feature fusion network for autism spectrum disorder classification	Scientific Reports	April 2026	https://doi.org/10.1038/s41598-026-48562-8	YES-J WOS(Q1)

52	Dr. Namratha M	Tangent Position-Aware Bundle Convolutional Neural Network-Based Prevention Algorithm for Block Withholding Attacks in Blockchain	Transactions on Emerging Telecommunications Technologies, Wiley	24th April 2026	https://doi.org/10.1002/ett.70415	YES-J SCOPUS(Q2) WOS(Q3)
53	Rajeshwari Madli	Hybrid DBO-GWO Multi-Objective Clustering with Light Weight Attention Based Routing Framework for Energy Optimized IoT Networks	International Information and Engineering Technology Association	April 2026	https://doi.org/10.18280/jesa.5904251171-1179	YES-J SCOPUS(Q3)
MAY 2026						
54	Dr. Asha G R	Optimization of mechanical performance of underwater friction stir welded AA5754 aluminum alloy using MEREC–CoCoSo approach	Springer	07-May 2026	https://doi.org/10.1007/s10751-026-02548-0	YES-J SCOPUS(Q2)
55	Dr.Naresh E	Hybrid deep learning-based multimodal framework for plant leaf disease classification using RGB, Excess Green (ExG), and	Scientific Reports	5/21/2026	https://doi.org/10.1038/s41598-026-52115-4	YES-J WOS(Q1)

		pseudo-thermal representations with MobileNetV2				
56	Dr. Shwetha K S	Efficient Lung Abnormality Detection Using Deep Convolutional Neural Networks	SN Computer Science	9/5/2026	https://doi.org/10.1007/s42979-026-05025-1	YES-J SCOPUS(Q2)
57	Radhika A D, Dr.Jyothi S. Nayak	Deep learning-based human suspicious activity detection system for defence surveillance	African Journal of Science, Technology, Innovation and Development	20th May 2026	10.1080/20421338.2026.2642723 2042-1338 (Print) 2042-1346 (Online) 331-345	YES-J SCOPUS(Q2)
58	Dr.Seema Patil	Dynamic Latency Optimization for Edge-Based Machine Learning Models in 6G-Enabled Industrial Internet of Things (IoT)	Acta Scientiae	May 2026	https://zenodo.org/records/20094301 1517-4492	YES-J SCOPUS(Q2)
JUNE 2026						
59	Supreeth.S	Genetic algorithm-based calibration optimization of coated fiber Bragg grating sensors for high-temperature applications	Journal of Optics	04/06/2026	https://doi.org/10.1007/s12596-026-03179-y	YES-J WOS(Q2)

60	Dr.Prameetha Pai	DLoG – automatic disc based laplacian of gaussian operator for carotid artery boundary extraction in ultrasound images	Scientific Reports	22/06/2026	https://doi.org/10.1038/s41598-026-43716-0	YES-J WOS(Q1)
61	Dr.Bhavani K	Transformer CNN Framework Optimized by Tornado Optimization Algorithm for Brain Tumor Segmentation and Classification	International Journal of Intelligent Engineering and Systems	19/06/2026	https://doi.org/10.22266/ijies2026.0731.51	YES-J(Q3)

YEAR 2025-26					
CONFERENCE PAPERS					
		Title of the paper	Publication Details	ISBN/ ISSM	

Sn o	Name of the Faculty		DOI/ISSN/Publisher	Month/Year	Number/LINK for the Paper	Whether Journal is Recogniz ed by Scopus (Yes/ No):J/C
JULY 2025						
1	Dr.Rajeshwari B S	Cross-Chain Interoperability Techniques and the Role of Zero-Knowledge Proofs	2025 International Conference on Computing, Intelligence, and Application	July 2025	10.1109/CIACON65 473.2025.11189597	YES-C
2	Dr.M. V. Sudhamani	Lung Cancer Prediction Using Integrated Deep Learning Model	Springer Nature Singapore, Singapore	July 2025	DOI: 10.1007/978-981-96-3105-6_32	YES-C
AUGUST 2025						
NIL						
SEPTEMBER 2025						
NIL						
OCTOBER 2025						
3	Dr. Kavitha Sooda, Sunayana S	ADGen: A Multimodal Advertisement Generation Dataset and Video Captioning Framework	3rd International Conference on Advances in Data-driven Computing and Intelligent Systems , organized by BITS Pilani, K K Birla Goa	1-Oct-2025	https://doi.org/10.1007/978-981-96-5370-6_2 978-981-96-5370-6	YES-C

			Campus, India and National Forensic Sciences University, Goa Campus			
4	Ramya K M	Quantitative Analysis of Deep Learning Techniques in Retinal Disease Classification	2025 3rd International conference on advances in Computation, Communication and Information Technology(ICAICCIT)	31/10/2025	https://doi.org/10.1109/ICAICCIT68829.2025.11434375	YES-C
5	Dr.M. V. Sudhamani	VISION AID—A Light Weight Blind Assistance Tool Using IoT and Computer Vision Techniques	SpringerNature Singapore	OCTOBER 2025	DOI:10.1007/978-981-96-6046-9_16	YES-C
NOVEMBER 2025						
NIL						
DECEMBER 2025						
6	Akshatha G	CAAFR: Comparative Analysis of Amazon and Flipkart Reviews	IEEE Xplore	1st December 2025	10.1109/ICoICI65217.2025.11253064 978-1-6654-5753-8	YES-C
7	Dr. Rajeshwari B S	A Comprehensive System for Detecting and Categorizing Citizen Problems with Location Insights from Twitter	IEEE 9th International Conference on Computational System and Information Technology for Sustainable Solutions	December 2025	10.1109/CSITSS67709.2025.11295122	YES-C

8	C. K. Raghavendra	Water Quality Prediction Using Ensemble Models: MLP, RF, and SVM	IEEE International Conference on Contemporary Computing and Communications (InC4), Bangalore, India, 2025	December 2025	doi: 10.1109/InC465408.2025.11256326	YES-C
9	C. K. Raghavendra	Deep Learning in Plant Disease Classification and Identification	IEEE International Conference on Contemporary Computing and Communications (InC4), Bangalore, India, 2025	December 2025	doi: 10.1109/InC465408.2025.11256312	YES-C
JANUARY 2026						
NIL						
FEBRUARY 2026						
NIL						
MARCH 2026						
10	Dr.M V Sudhamani	Blockchain-based Trust and Privacy-Preserving Authentication using Federated Learning in Pharmaceutical Supply Chains	2025 International Conference On Emerging Computation and Information Technologies (ICECIT)	30/03/2026	DOI: 10.1109/ICECI T67774.2025.11451128	YES-C
APRIL 2026						
11	K R Mamatha	Cancelable Biometrics Using Blockchain	2026 Contemporary Computing Innovations Conference	April 2026	10.1109/CCIC68129.2026.11486219	YES-C

12	Ramya K M	AI-Powered Network Intrusion Detection System	2026 Contemporary Computing Innovations Conference	April 2026	https://doi.org/10.1109/CCIC68129.2026.1486086	YES-C
MAY 2026						
NIL						

YEAR 2024-25							
BOOK CHAPTER							
Sno	Name of the Faculty	Name of the Book	Title of the paper	Publication Details		ISBN Number	Whether Recognized by Scopus(Yes/No)
				DOI/ISSN/Publisher	Month/Year		
1	G. S. Rekha	Remote Sensing, GIS and Modelling for Water Resource Management	Fuzzy Modelling for Water Quality Analysis	https://doi.org/10.1007/978-3-031-99497-5	6th Nov 2025	ISBN 978-3-031-99497-5	YES-J