



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

(Autonomous Institution affiliated to VTU, Belgaum)

Department of Computer Science & Engineering

Faculty Publications Details

Year 2024-25

Total no. of Publications (J+C+BC) :78							
No. of Journal Publications(J)			49	No. of Conference Publications(C)	26	No. of Textbook/Book Chapter Publications	3
Scopus Journals	Q1	2	36	Indian conference	-		
	Q2	9					
	Q3	10					
	Q4	15					
Non- Scopus Journals			05	International	(23(SI)+3)		
WOS	Q1	1	08(Q1 & Q2)	National	-		
	Q2	7					
SCI			-	Aboard conference	-		

YEAR 2024-25						
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 2024						
1	Dr. K Panimozhi	Enhancing Elderly Care: Remote Glucose Monitoring for Health and Independence	2024 IEEE International Conference on Advanced Systems and Emergent Technologies (IC_ASET)	23-07- 2024	DOI: 10.1109/IC_ASET61847.2024.10596141	Yes-C
2	Swathi Sridharan	Exploring Connected Dominated Sets for Efficient Document Search in Peer-to-Peer Networks	Second IEEE International Conference on Advances in IT(ICAIT-24)	27-07-2024	ISSN 2277-3878	NO-C
3	Namratha M	Updated delegated proof of stake and Nash equilibrium: A mining pool game model for blockchain network	Concurrency and Computation: Practice and Experience	28-07-2024	Online ISSN:1532-0634, Print ISSN:1532-0626 https://doi.org/10.1002/cpe.8224	Yes-J (WoS-Q2)

4	Dr. Rajeshwari B S, Namratha M	Active Learning and Self-Study Approach for Cloud Computing	Degrees Journal	31-07- 2024	ISSN NO:0376-8163 100-106 https://degrees.eu/volume-9-issue-7-2024/	Yes-J (SCOPUS Q4)
5	M Lakshmi Neelima	Blockchain-Enabled Secure and verifiable Health Records Sharing System: Ensuring Data Integrity and Privacy.	Journal of Basic Science and Engineering	01-07-2024	DOI: https://doie.org/10.0721/Jbse.2024982643	YES-J (SCOPUS Q2)
AUGUST 2024						
6	Ramya K M	A Comprehensive Survey of Security Threats, Solutions, and Future Directions in Cloud IoT security	YMER	August 2024	0044-0477 810-825	Yes-J (SCOPUS Q4)
7	Dr. Rajeshwari B S	Analysis of Areca Nut Leaf Pathology and Recommendation System Using Generative AI	Second International Conference on Networks, Multimedia and Information Technology	9-10, August 2024	DOI: 10.1109/NMIT CON62075.2024.106 98896	Yes-C
8	Namratha M	Bitcoin Pooled Mining Reward Functions: Revisited	Journal of Engineering and Technology Management.	10th August 2024	ISSN:0923-4748, E-ISSN:1879-1719 1-9	Yes-J (SCOPUS Q1) (WOS Q2)

9	Dr.Jyothi S Nayak	An Approach for XAI Visualizations for Explainability of Alzheimer's Detection	2nd INTERNATIONAL CONFERENCE ON NETWORKING, EMBEDDED AND WIRELESS SYSTEMS (ICNEWS -2024)	22nd-23rd Aug	10.1109/ICNEWS60873.2024.10731000	Yes-C
10	Dr.Jyothi S Nayak	Virtual Posture Assistant – Body Posture Assistant using Machine Learning Models and Ergonomics	2nd INTERNATIONAL CONFERENCE ON NETWORKING, EMBEDDED AND WIRELESS SYSTEMS (ICNEWS -2024)	22nd-23rd Aug	10.1109/ICNEWS60873.2024.10730909	Yes-C
11	Dr. Kayarvizhy N	Learning Discriminative Features Using ANN Based Progressive Learning Model For Efficient Big Data Classification	Journal of Science and Technology	27-8-2024	ISSN: 0128-7680 2033 - 2053	Yes-J (SCOPUS Q2) (WOS Q3)
12	Dr. Kayarvizhy N	Deep reinforcement learning for autonomous driving in uncontrolled intersections of Indian roads	Multimedia Tools and Applications	16th Aug	1573-7721 1-18	Yes-J (SCOPUS Q1) (WOS Q2)
13	Dr. Rajeshwari B S	Emergency Response Optimization System with Dynamic Traffic Signal Control: (Life Saver)	Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI 2024)	28th to 30th August 2024	ISBN : 979-8-3315-4066-1 DOI: 10.1109/ICOICI62503.2024.10696762	Yes-C

14	Prameetha Pai	An improved eeg signal feature selection paradigm for migraine detection.	Journal of Internet Services and Information Security	01-08-2024	ISSN: 2182-2069 / E-ISSN: 2182-2077 volume: 14, number: 3 (August), pp. 143-156. DOI: 10.58346/JISIS.2024.I3.008	YES-J (SCOPUS Q2)
SEPTEMBER 2024						
15	Dr. Kayarvizhy N	"Low- and High-Level Features Fusion for Image Classification	3rd International conference for Advancement in Technology (ICONAT)	13th -15th sep 2024	DOI: 10.1109/ICONAT61936.2024.10775271	Yes-C
OCTOBER 2024						
16	Dr.Umadevi	A Comparative Analysis of Traditional Machine Learning, Deep Learning and Boosting Algorithms on Phishing URL Detection	3rd IEEE International Conference on Computer Vision & Machine Intelligence	19-20 October 2024	DOI:10.1109/CVMI61877.2024.10782525	Yes-C
17	Rekha G S	Smart Parking System with research on Thread Communication Protocol	International Journal on Recent and Innovation Trends in Computing and Communication	October 2024	2321-8169 809-816	No-J

18	Dr.Rajeshwari B S	Real Time Suryanamaskara Pose Detection and Correction using Mediapipe and Comparative Analysis Using PoseNet	IEEE International Conference on Software, Systems and Information Technology	01-10-2024	ISBN:979-8-3503-5293-1	Yes-C
19	Dr.Shyamala.G ,Dr.Pallavi.G.B, Dr.Latha N R	Breast Cancer Detection with MobileNetV2 and Explainable AI	2024 4th International Conference on Sustainable Expert Systems (ICSES)	15th-17th October 2024	DOI: 10.1109/ICSES63445.2024.10763178	Yes-C
20	Dr.Nandhini Vineeth, Dr. Asha G R	Deep Learning Approaches for Ransomware Detection: Assessing CNN and CNN-LSTM Models using Class Imbalance Methods	2nd International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)	23-25 October 2024	DOI: 10.1109/ICSSAS64001.2024.10760450	Yes-C
NOVEMBER 2024						
21	Dr.Jyothi S Nayak	Machine Learning based Classification and Recognition of Melakarta Ragas using Melakarta Chakra Analysis	8th International Conference on Computational Systems and Information Technology for Sustainable Solutions [CSITSS-2024]	7th to 9th November 2024	2767-1097	Yes-C
22	Dr. Selva kumar S	Exploration of Explainable AI with Deep Learning Model for Early Detection of Alzheimer's Disease	8th International Conference on Computational System and Information Technology for	7-9 Nov. 2024	2767-1097	Yes-C

			Sustainable Solutions (CSITSS), Bengaluru, India			
23	Dr. Asha G R	Implementation of Land Registry System using Ethereum Blockchain and IPFS	8th International Conference on Computational System and Information Technology for Sustainable Solutions (CSITSS), Bengaluru, India	7-9 Nov. 2024	2767-1097	Yes-C
24	Radhika A D, Dr. Jyothi S Nayak	Performance analysis of CNN algorithm for Video Sequence in Human Activity Detection	5th International Conference on Data Science, Computation and Security (IDSCS 2024)	08-09, November 2024		Yes-C
25	Saritha A N , Dr. Rajeshwari B S	A Comprehensive Survey on Pose Estimation Algorithms utilizing Augmented Reality	GRADIVA REVIEW JOURNAL	November 2024	ISSN NO : 0363-8057 VOLUME 10 ISSUE 11 2024 Pg no-79-82	YES_J (SCOPUS Q4)
26	Saritha A N, Dr. Asha G R	Literature Review on Object Detection and Tracking for Autonomous Vehicles	GRADIVA REVIEW JOURNAL	November 2024	ISSN NO : 0363-8057 VOLUME 10 ISSUE 11 2024 Pg no-18-23	Yes-J (SCOPUS Q4)

27	Dr. Rajeshwari B S, Namratha M	Anomaly Detection in Medical IoT devices using Federated Learning	TANZ Journal	November 2024	1869-7720	NO-J
28	Dr. Jyothi S Nayak	A Novel Design and Implementation of Fertilizer Recommendation System Based on Hybrid Machine Learning Models	SSRG International Journal of Electrical and Electronics Engineering,	November 2024	2348-8379	Yes-J (SCOPUS Q4)
29	Dr. Asha G R Dr. Nandhini Vineeth	Integrating Transparent Crowdfunding Platform and AI-Based Treatment Fund Estimation	2024 2nd DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry (IDICAIEI)	29-30 November 2024	10.1109/IDICAIEI61867.2024.10842939	No-C
30	Dr.Kayarvizhy N, Antara Roy Choudhury, Rekha G S	On-Device Deep Learning for Retrieving System and User Timestamps from Noisy Chat Images	Procedia Computer Science	28-29th November 2024	10.1016/j.procs.2025.04.631 Pg. No-3760–3770 ISSBN- 1877-0509	Yes-J (SCOPUS Q2)
DECEMBER 2024						
31	Dr. Nandhini Vineeth Lakshmi Neelima	Deep Learning in Medical Image Analysis: A Survey	2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA)	20/12/24-21/12/24	10.1109/INNOVA63080.2024.10847040	No-C

32	Dr. Namratha M, Dr. Rajeshwari B S	Sustainable Innovations: Exploring Biodegradable Plastic Applications for a Greener Future	International Conference on Frontiers in Materials Science and Technology (ICFMST)	December 5th & 6th, 2024	DOI: https://doi.org/10.64252/p7dykb06	YES_C
33	Dr. Sunil Kumar Karanam	Design of an effective multiple objects tracking framework for dynamic video scenes	IAES International Journal of Artificial Intelligence (IJ-AI)	December 2024,	Vol. 13, No. 4, December 2024, pp. 1~1x ISSN: 2252-8938, DOI: 10.11591/ijai.v13.i4. pp1-1x	Yes-J (SCOPUS Q2)
JANUARY 2025						
NIL						
FEBRUARY 2025						
34	Dr.Umadevi V	Assessing the Predictive Power of Boosting Techniques for Diabetes	Springer Multimedia Tools and Applications	14th Feb, 2025	pp 1-29, ISSN: 1380-7501 / 1573- 7721	Yes-J (Scopus Q1) (WOS: Q2)
35	Dr.Umadevi V	Analysing the Performance of Sampling Techniques on Imbalanced Datasets	12th International Conference on Signal Processing and Integrated Networks (SPIN 2025)	20-21 February 2025	Department of Electronics and Communication Engineering ASET, Amity University,	Yes-C Scopus Indexed

					Noida, Delhi-NCR, India	
36	Dr.Kavitha Sooda	Effect of 40 continuous connected breathing on electroencephalogram and heart rate variability of healthy volunteers	Indian Journal of Physiology and Pharmacology	February 2025	doi: 10.25259/IJPP_11_2024	Yes-J (Scopus Q4) (WOS: Q4)
37	Dr.Kavitha Sooda	Performance Analysis of Effective Retrieval of Kannada Translations in Code-Mixed Sentences using BERT and MPnet	Engineering, Technology & Applied Science Research	February 2025	Vol. 15, No. 1, 2025, 19109-19114	Yes-J (Scopus Q2), (WOS: Q2)
38	Dr. Selvakumar S	Deep Learning in Analyzing Carbon Flux Patterns for Environmental Health: Remote Sensing Insights for Climate Mitigation Strategies	Remote Sensing in Earth Systems Sciences Springer Nature	26th Feb 2025	https://doi.org/10.1007/s41976-025-00208-5	Yes-J Scopus Q2
39	Dr. Asha G R	Analysis of Artificial Intelligence Based Electronics Industry Digital era and its applications	Advances in Nonlinear Variational Inequalities	February 2025	ISSN: 1092-910X, Vol 28 No. 4s (2025)	Yes-J Scopus Q4

40	Dr.Asha G R, Dr.Selva kumar S , Saritha A N, Syed Akram	Analysis of Machine Learning Security Blockchain Based IoT Enabled Web Platform Applications	Journal of Information Systems Engineering and Management	19th Feb 2025	https://doi.org/10.52783/jisem.v10i11s.1490	Yes-J Scopus Q3
41	Dr Pallavi G B, Dr Shyamala G, Dr. Latha N.R	An XAI-Powered Approach for Financial Fraud Detection Using Anomaly Detection and Classification Techniques	Journal of Information Systems Engineering and Management	26-02-2025	2468-4376	YES-J Scopus Q3
MARCH 2025						
42	Dr. Kayarvizhy N	Adaptive Deep Learning Framework with Unicintus Optimization for Anomaly Detection in Streaming Data	(IJACSA) International Journal of Advanced Computer Science and Applications	31-3-2025	Vol. 16,	YES-J Scopus Q3

43	Saritha A N	Deep Learning-based Alzheimer's Detection: A Novel Approach	2025 International Conference on Computing for Sustainability and Intelligent Future (COMP-SIF)	21-22 March 2025	979-8-3315-3854-5	YES-C
44	Rajeshwari Madli, Sonika Sharma D, Sunayana S, Shravya A R, Sowmya T	Advanced Heart Disease Prediction Using Fuzzy-Rough Sets and Enhanced Missing Data Imputation Techniques	Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications (JoWUA)	31/3/2025	ISSN: 2093-5374	YES-J Scopus Q3
45	Vikranth B.M	Chronic kidney Disease Classification through Hybrid Feature	International Journal of Statistics in Medical Research	March 2025	1929-6029 DOI: https://doi.org/10.6000/1929-6029.2025.14.11	YES-J Scopus Q4
46	Sneha S Bagalkot	Boruta Feature Selection and Deep Learning for Alzheimer's Disease Classification	International Journal of Statistics in Medical Research	March 2025	1929-6029 DOI: https://doi.org/10.6000/1929-6029.2025.14.15	YES-J Scopus Q4
APRIL 2025						
47	Dr.Kayarvizhy N	Streamlined Traffic Prognosis using Flexible Reservoir Sampling and Regression Methods	Engineering, Technology and Applied Science Research	April 2025	20827-20834	YES-J Scopus Q2

48	Prameetha Pai	A twin CNN-based framework for optimized rice leaf disease classification with feature fusion	Journal of Big Data	01-04-2025	2196-1115	YES-J SCOPUS Q1 WOS Q1
49	Dr.Umadevi V	Performance Analysis of Machine Learning Models for Kannada Sign Language Recognition	19th INDIACom, 12th 2025 International Conference on Computing for Sustainable Global Development, Bharati Vidyapeeth, New Delhi	2nd - 4th April, 2025	DOI: 10.23919/INDIACom66777.2025.11115746	YES-C
50	Dr.Umadevi V	Deep Learning based Multi-Class Waste Object Detection and Classification	19th INDIACom, 12th 2025 International Conference on Computing for Sustainable Global Development, Bharati Vidyapeeth, New Delhi	2nd - 4th April, 2025	DOI: 10.23919/INDIACom66777.2025.11115672	YES-C
51	Dr.Kayarvizhy N	Multi-Constraint Time Series Imputation	19th INDIACom, 12th 2025 International Conference on Computing for Sustainable Global Development, Bharati Vidyapeeth, New Delhi	2nd - 4th April, 2025		YES-C
52	Namratha M	Generative AI in Fashion: A Survey and CGAN Framework for Saree Blouse Design	19th INDIACom, 12th 2025 International Conference on Computing for Sustainable Global Development, Bharati Vidyapeeth, New Delhi	2nd - 4th April, 2025	DOI:10.23919/INDIACom66777.2025.11115694	YES-C

53	Dr.S Selva kumar	Predicting Diabetic Retinopathy and Nephropathy Complications Using Machine Learning Techniques	IEEE Access Q1 Journal	18 April 2025	2169-3536 70228-70253 https://ieeexplore.ieee.org/document/10969779	YES-J (SCOPUS Q1) (WOS Q2)
54	Dr.K Panimozhi	AI Guarded Code Editor: Verifying Authentic Human Input	2025 International Conference on Computing for Sustainability and Intelligent Future (COMP-SIF)	April 28th 2025	https://doi.org/10.1109/COMP-SIF65618.2025.10969913 https://ieeexplore.ieee.org/abstract/document/10969913	YES-C
55	Dr. Nandhini Vineeth	Implementation Of Malware Detection Using Blockchain Technology	Tanz Research Journal	April 2025	1869-7720	NO-J
MAY 2025						
56	Dr. Asha G R	Artificial intelligence of blockchain in agriculture products quality and safety customers leadership	International Journal of Basic and Applied Science Research	01-05-2025	2349-1965	YES-J (SCOPUS Q4)
57	Dr. Latha N.R, Dr Shyamala G, Dr Pallavi G B	Blindaaid: Assisting The Visually Impaired In Object	International Journal of Environmental Sciences	May 2025	2229-7359	YES-J (SCOPUS Q4)

		Detection And Tracking Using Slam				
58	Sowmya T, Sunayana S, Sonika Sharma D	Energy-Efficient IoT Network Routing Model Based on Multi-Layer Clustering and Deep Learning	Journal Européen des Systèmes Automatisés	May 2025	1031-1039	YES-J (SCOPUS Q3)
59	Dr. Seema Patil, Swathi Sridharan, Dr. Shobha T	Slice Residual U-Net Based Rice Plant Disease Classification Using Convolutional Attentional BiGRU	Journal of Internet Services and Information Security	May 2025	2182-2069	YES-J (SCOPUS Q2)
60	Dr.K.Panimozhi	Design and Implementation of a Li-Fi Enabled Computer Laboratory: Architecture, Performance, and Pedagogical Integration	Journal of Information Systems Engineering and Management	05-05-2025	2468-4376	YES-J (SCOPUS Q3)
61	Dr.Namratha M	Hybrid Quantum Teaching with Adaptive Group Termite Alate Optimization Based Optimal Mixed Block Withholding Attacks	Transactions on Emerging Telecommunications Technologies, Wiley	19th May 2025	https://doi.org/10.1002/ett.70170 Online ISSN:2161-3915	YES-J (SCOPUS Q1) (WOS Q3)

					Print ISSN:2161-3915	
62	Sowmya T, Radhika A D	AI-Assisted Classification of Rice Diseases and Insect Pests for Crop Growth Management	Journal of Information Systems Engineering and Management	18th May 2025	https://doi.org/10.52783/jisem.v10i47s.9277 Vol. 10 No. 47s (2025)	YES-J (SCOPUS Q3)
63	Sunayana S, Shravya A R, Rajeshwari Madli	Lung Cancer Detection Using Machine Learning Techniques	Journal of Information Systems Engineering and Management	12th May 2025	https://doi.org/10.52783/jisem.v10i47s.9265 2468-4376	YES-J (SCOPUS Q3)
64	Sunayana S, Shravya A R	Image Caption Generation Using Deep Learning	Journal of Information Systems Engineering and Management	12th May 2025	https://doi.org/10.52783/jisem.v10i47s.9258 2468-4376	YES-J (SCOPUS Q3)
JUNE 2025						
65	Rekha G S	A Survey on Dynamic Multimodal Recommendation	Tanz Journal	June 2025	1869-7720 Pg. No: 105-118	NO-J

		Systems with Hierarchical Attention Mechanisms				
66	Rekha G S	A Survey On: Context-Aware Multimodal Attention Tracking for Self-Monitoring in Learning	Tanz Journal	June 2025	1869-7720 Pg. No: 379-394	NO-J
67	Sreevidya B S, Manjula S, Dr. Shobha T	Detection of Depression in Students Using Machine Learning Models	Degres Journal	June 2025	0376-8163	YES-J (SCOPUS Q4)
68	Sreevidya B S, Manjula S, Dr. Shobha T	Enhancing Hindi OCR Accuracy with Large Language Model-Based Post-Processing	Degres Journal	June 2025	0376-8163	YES-J (SCOPUS Q4)
69	Dr. H S Guruprasad	Performance Enhancement of Video Data Transmission in Vehicular Adhoc Networks	Journal of ICT Research and Applications	June 2025	2337-5787	YES-J (SCOPUS Q2) (WOS Q4)
70	Dr.Selva kumar S	Brain Stroke Detection and Classification System: A Hybrid Approach using Deep Learning Techniques	Journal of Information Systems Engineering and Management	June 2025	https://doi.org/10.52783/jisem.v10i40s.7254	YES-J (SCOPUS Q3)

71	P Jayarekha, Dr. Sowmya K S, Dr.Anitha H M,	Deep Learning-Based Brain Tumor Detection from MRI Images via Transfer Learning	Journal of Neonatal Surgery	June 2025	2226-0439	YES-J (SCOPUS Q3)
72	Dr.Kavitha Sooda	"Advancements in epilepsy classification: Current trends and future directions."	MethodsX (2025)	June 2025	2215-0161	YES-J (SCOPUS Q1) (WOS Q2)
73	Monisha H M	AI Enhanced Wearable Device for the Visually Impaired	Journal of technology	June 2025	1012-3407	YES-J (SCOPUS Q4)
74	Dr. Seema Patil	ResQ Lens: AI Powered Smart Glasses for Visually Impaired Individuals	Degres Journal	June 2025	0376-8163	YES-J (SCOPUS Q4)
75	Dr.Kavitha Sooda	IndicBART for Translating Code-Mixed Kannada-English Sentences into Kannada: An Encoder-Decoder Transformer Approach	2025 5th International Conference on Intelligent Technologies (CONIT)	June 20-22 2025	DOI:10.1109/CONI T65521.2025.111671 61	YES-C

YEAR 2024-25						
JOURNAL PAPERS						
Sn o	Name of the Faculty	Title of the paper	Publication Details		ISBN/ ISSM Number	Whether Journal is Recogniz ed by Scopus (Yes/ No):J/C
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1	Namratha M	Updated delegated proof of stake and Nash equilibrium: A mining pool game model for blockchain network	Conccurency and Computation: Practice and Experience	28-07-2024	Online ISSN:1532-0634,Print ISSN:1532-0626 https://doi.org/10.1002/cpe.8224	Yes-J (WoS-Q2)
2	Dr. Rajeshwari B S, Namratha M	Active Learning and Self-Study Approach for Cloud Computing	Degres Journal	31-07- 2024	ISSN NO:0376-8163 100-106 https://degres.eu/volume-9-issue-7-2024/	Yes-J (WoS)

3	M Lakshmi Neelima	Blockchain-Enabled Secure and verifiable Health Records Sharing System: Ensuring Data Integrity and Privacy.	Journal of Basic Science and Engineering	01-07-2024	DOI: https://doie.org/10.0721/Jbse.2024982643	YES-J
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6	Dr. Kayarvizhy N	Learning Discriminative Features Using ANN Based Progressive Learning Model For Efficient Big Data Classification	Journal of Science and Technology	27-8-2024	ISSN: 0128-7680 2033 - 2053	Yes-J(WoS)
7	Dr. Kayarvizhy N	Deep reinforcement learning for autonomous driving in uncontrolled intersections of Indian roads	Multimedia Tools and Applications	16th Aug	1573-7721 1-18	Yes-J(WoS)
8	Prameetha Pai	An improved eeg signal feature selection paradigm for migraine detection.	Journal of Internet Services and Information Security	01-08-2024	ISSN: 2182-2069 / E-ISSN: 2182-2077	YES-J

					volume: 14, number: 3 (August), pp. 143- 156. DOI: 10.58346/JISIS.2024. I3.008	
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9	Rekha G S	Smart Parking System with research on Thread Communication Protocol	International Journal on Recent and Innovation Trends in Computing and Communication	October 2024	2321-8169 809-816	No-J
NOVEMBER 2024						
10	Saritha A N , Dr. Rajeshwari B S	A Comprehensive Survey on Pose Estimation Algorithms utilizing Augmented Reality	GRADIVA REVIEW JOURNAL	November 2024	ISSN NO : 0363- 8057 VOLUME 10 ISSUE 11 2024 Pg no-79-82	YES-J
11	Saritha A N, Dr. Asha G R	Literature Review on Object Detection and Tracking for Autonomous Vehicles	GRADIVA REVIEW JOURNAL	November 2024	ISSN NO : 0363- 8057 VOLUME 10 ISSUE 11 2024 Pg no-18-23	Yes-J

FEBRUARY 2025

16	Dr.Umadevi V	Assessing the Predictive Power of Boosting Techniques for Diabetes	Springer Multimedia Tools and Applications	14th Feb, 2025	pp 1-29, ISSN: 1380-7501 / 1573-7721	Yes-J (Scopus, WOS: Q2)
17	Dr.Kavitha Sooda	Effect of 40 continuous connected breathing on electroencephalogram and heart rate variability of healthy volunteers	Indian Journal of Physiology and Pharmacology	February 2025	doi: 10.25259/IJPP_11_2024	Yes-J (Scopus, WOS: Q4)
18	Dr.Kavitha Sooda	Performance Analysis of Effective Retrieval of Kannada Translations in Code-Mixed Sentences using BERT and MPnet	Engineering, Technology & Applied Science Research	February 2025	Vol. 15, No. 1, 2025, 19109-19114	Yes-J (Scopus, WOS: Q2)
19	Dr. Selvakumar S	Deep Learning in Analyzing Carbon Flux Patterns for Environmental Health: Remote Sensing Insights for Climate Mitigation Strategies	Remote Sensing in Earth Systems Sciences Springer Nature	26th Feb 2025	https://doi.org/10.1007/s41976-025-00208-5	Yes-J Scopus Q2

20	Dr. Asha G R	Analysis of Artificial Intelligence Based Electronics Industry Digital era and its applications	Advances in Nonlinear Variational Inequalities	February 2025	ISSN: 1092-910X, Vol 28 No. 4s (2025)	Yes-J Scopus Q4
21	Dr.Asha G R, Dr.Selva kumar S , Saritha A N, Syed Akram	Analysis of Machine Learning Security Blockchain Based IoT Enabled Web Platform Applications	Journal of Information Systems Engineering and Management	19th Feb 2025	https://doi.org/10.52783/jisem.v10i11s.1490	Yes-J Scopus Q4
22	Dr Pallavi G B, Dr Shyamala G, Dr. Latha N.R	An XAI-Powered Approach for Financial Fraud Detection Using Anomaly Detection and Classification Techniques	Journal of Information Systems Engineering and Management	26-02-2025	2468-4376	YES-J
MARCH 2025						
23	Dr. Kayarvizhy N	Adaptive Deep Learning Framework with Unicintus Optimization for Anomaly Detection in Streaming Data	(IJACSA) International Journal of Advanced Computer Science and Applications	31-3-2025	Vol. 16,	YES-J

24	Shravya A R, Rajeshwari Madli, Sunayana S, Sonika Sharma D, Sowmya T	Advanced Heart Disease Prediction Using Fuzzy-Rough Sets and Enhanced Missing Data Imputation Techniques	Journal of Wireless Mobile Networks	March 2025	ISSN: 2093-5374 / E- ISSN: 2093-5382	YES-J
25	Vikranth B.M	Chronic kidney Disease Classification through Hybrid Feature	International Journal of Statistics in Medical Research	March 2025	1929-6029 DOI: https://doi.org/10.6000/1929-6029.2025.14.11	YES-J
26	Sneha S Bagalkot	Boruta Feature Selection and Deep Learning for Alzheimer's Disease Classification	International Journal of Statistics in Medical Research	March 2025	1929-6029 DOI: https://doi.org/10.6000/1929-6029.2025.14.15	YES-J
APRIL 2025						
27	Dr.Kayarvizhy N	Streamlined Traffic Prognosis using Flexible Reservoir Sampling and Regression Methods	Engineering, Technology and Applied Science Research	April 2025	Pages: 20827-20834 issue:2 vol.15 https://etasr.com/index.php/ETASR/article/view/9889	YES-J

28	Prameetha Pai	A twin CNN-based framework for optimized rice leaf disease classification with feature fusion	Journal of Big Data	01-04-2025	2196-1115	YES-J
29	Dr.S Selva kumar	Predicting Diabetic Retinopathy and Nephropathy Complications Using Machine Learning Techniques	IEEE Access Q1 Journal	18 April 2025	2169-3536 70228-70253 https://ieeexplore.ieee.org/document/10969779	Q1 Journal
30	Dr. Nandhini Vineeth	Implementation Of Malware Detection Using Blockchain Technology	Tanz Research Journal	April 2025	1869-7720	NO-J
MAY 2025						
31	Dr. Asha G R	Artificial intelligence of blockchain in agriculture products quality and safety customers leadership	International Journal of Basic and Applied Science Research	01-05-2025	2349-1965	YES-J
32	Dr. Latha N.R, Dr Shyamala G, Dr Pallavi G B	Blindaaid: Assisting The Visually Impaired In Object Detection And Tracking Using Slam	International Journal of Environmental Sciences	May 2025	2229-7359	YES-J

33	Sowmya T, Sunayana S, Sonika Sharma D	Energy-Efficient IoT Network Routing Model Based on Multi-Layer Clustering and Deep Learning	Journal Européen des Systèmes Automatisés	May 2025	1031-1039	YES-J
34	Dr. Seema Patil, Swathi Sridharan, Dr. Shobha T	Slice Residual U-Net Based Rice Plant Disease Classification Using Convolutional Attentional BiGRU	Journal of Internet Services and Information Security	May 2025	2182-2069	YES-J
35	Dr.K.Panimozhi	Design and Implementation of a Li-Fi Enabled Computer Laboratory: Architecture, Performance, and Pedagogical Integration	Journal of Information Systems Engineering and Management	05-05-2025	2468-4376	YES-J
36	Namratha M	Hybrid Quantum Teaching With Adaptive Group Termite Alate Optimization Based Optimal Mixed Block Withholding Attacks	Transactions on Emerging Telecommunications Technologies, Wiley	19th May 2025	https://doi.org/10.1002/ett.70170 Online ISSN:2161-3915 Print ISSN:2161-3915	YES-J

37	Sowmya T, Radhika A D	AI-Assisted Classification of Rice Diseases and Insect Pests for Crop Growth Management	Journal of Information Systems Engineering and Management	18th May 2025	https://doi.org/10.52783/jisem.v10i47s.9277 Vol. 10 No. 47s (2025)	YES-J
38	Sunayana S, Shravya A R, Rajeshwari Madli	Lung Cancer Detection Using Machine Learning Techniques	Journal of Information Systems Engineering and Management	12th May 2025	https://doi.org/10.52783/jisem.v10i47s.9265 2468-4376	YES-J
39	Sunayana S, Shravya A R	Image Caption Generation Using Deep Learning	Journal of Information Systems Engineering and Management	12th May 2025	https://doi.org/10.52783/jisem.v10i47s.9258 2468-4376	YES-J
JUNE 2025						
40	Rekha G S	A Survey on Dynamic Multimodal Recommendation Systems with Hierarchical Attention Mechanisms	Tanz Journal	June 2025	1869-7720 Pg. No: 105-118	NO-J

41	Rekha G S	A Survey On: Context-Aware Multimodal Attention Tracking for Self-Monitoring in Learning	Tanz Journal	June 2025	1869-7720 Pg. No: 379-394	NO-J
42	Sreevidya B S, Manjula S, Dr. Shobha T	Detection of Depression in Students Using Machine Learning Models	Degres Journal	June 2025	0376-8163	YES-J
43	Sreevidya B S, Manjula S, Dr. Shobha T	Enhancing Hindi OCR Accuracy with Large Language Model-Based Post-Processing	Degres Journal	June 2025	0376-8163	YES-J
44	Dr. H S Guruprasad	Performance Enhancement of Video Data Transmission in Vehicular Adhoc Networks	Journal of ICT Research and Applications	June 2025	2337-5787	YES-J
45	Dr.Selva kumar S	Brain Stroke Detection and Classification System: A Hybrid Approach using Deep Learning Techniques	Journal of Information Systems Engineering and Management	June 2025	https://doi.org/10.52783/jisem.v10i40s.7254	YES-J
46	P Jayarekha, Dr. Sowmya K S, Dr.Anitha H M,	Deep Learning-Based Brain Tumor Detection from MRI Images via Transfer Learning	Journal of Neonatal Surgery	June 2025	2226-0439	YES-J

47	Dr.Kavitha Sooda	"Advancements in epilepsy classification: Current trends and future directions."	MethodsX (2025)	June 2025	2215-0161	YES-J
48	Monisha H M	AI Enhanced Wearable Device for the Visually Impaired	Journal of technology	June 2025	1012-3407	YES-J
49	Dr. Seema Patil	ResQ Lens: AI Powered Smart Glasses for Visually Impaired Individuals	Degres Journal	June 2025	0376-8163	YES-J

YEAR 2024-25						
CONFERENCE PAPERS						
Sn o	Name of the Faculty	Title of the paper	Publication Details		ISBN/ ISSM Number/LINK for the Paper	Whether Journal is Recogniz ed by Scopus (Yes/ No):J/C
			DOI/ISSN/Publisher	Month/Year		
JULY 2024						
1	Dr. K Panimozhi	Enhancing Elderly Care: Remote Glucose Monitoring for Health and Independence	2024 IEEE International Conference on Advanced Systems and Emergent Technologies (IC_ASET)	23-07- 2024	DOI: 10.1109/IC_ASET61 847.2024.10596141	Yes-C

2	Swathi Sridharan	Exploring Connected Dominated Sets for Efficient Document Search in Peer-to-Peer Networks	Second IEEE International Conference on Advances in IT(ICAIT-24)	27-07-2024	ISSN 2277-3878	NO-C
AUGUST 2024						
3	Dr. Rajeshwari B S	Analysis of Areca Nut Leaf Pathology and Recommendation System Using Generative AI	Second International Conference on Networks, Multimedia and Information Technology	9-10, August 2024	DOI: 10.1109/NMITC ON62075.2024.10698896	Yes-C
4	Dr.Jyothi S Nayak	An Approach for XAI Visualizations for Explainability of Alzheimer's Detection	2nd INTERNATIONAL CONFERENCE ON NETWORKING, EMBEDDED AND WIRELESS SYSTEMS (ICNEWS -2024)	22nd-23rd Aug	10.1109/ICNEWS60873.2024.10731000	Yes-C
5	Dr.Jyothi S Nayak	Virtual Posture Assistant – Body Posture Assistant using Machine Learning Models and Ergonomics	2nd INTERNATIONAL CONFERENCE ON NETWORKING, EMBEDDED AND WIRELESS SYSTEMS (ICNEWS -2024)	22nd-23rd Aug	10.1109/ICNEWS60873.2024.10730909	Yes-C
6	Dr. Rajeshwari B S	Emergency Response Optimization System with Dynamic Traffic Signal Control: (Life Saver)	Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI 2024)	28th to 30th August 2024	ISBN : 979-8-3315-4066-1	Yes-C

					DOI: 10.1109/ICOICI62503 .2024.10696762	
SEPTEMBER 2024						
7	Dr. Kayarvizhy N	"Low- and High-Level Features Fusion for Image Classification	3rd International conference for Advancement in Technology (ICONAT)	13th -15th sep 2024	DOI: 10.1109/ICONAT61936.2024.10775271	Yes-C
OCTOBER 2024						
8	Dr.Umadevi	A Comparative Analysis of Traditional Machine Learning, Deep Learning and Boosting Algorithms on Phishing URL Detection	3rd IEEE International Conference on Computer Vision & Machine Intelligence	19-20 October 2024	DOI:10.1109/CVMI61877.2024.10782525	Yes-C
9	Dr.Rajeshwari B S	Real Time Suryanamaskara Pose Detection and Correction using Mediapipe and Comparative Analysis Using PoseNet	IEEE International Conference on Software, Systems and Information Technology	01-10-2024	ISBN:979-8-3503-5293-1	Yes-C
10	Dr.Shyamala.G ,Dr.Pallavi.G.B, Dr.Latha N R	Breast Cancer Detection with MobileNetV2 and Explainable AI	2024 4th International Conference on Sustainable Expert Systems (ICESES)	15th-17th October 2024	DOI: 10.1109/ICESES63445.2024.10763178	Yes-C
11	Dr.Nandhini Vineeth, Dr. Asha G R	Deep Learning Approaches for Ransomware Detection: Assessing CNN and CNN-	2nd International Conference on Self Sustainable Artificial	23-25 October 2024	DOI: 10.1109/ICSSAS64001.2024.10760450	Yes-C

		LSTM Models using Class Imbalance Methods	Intelligence Systems (ICSSAS)			
NOVEMBER 2024						
12	Dr.Jyothi S Nayak	Machine Learning based Classification and Recognition of Melakarta Ragas using Melakarta Chakra Analysis	8th International Conference on Computational Systems and Information Technology for Sustainable Solutions [CSITSS-2024]	7th to 9th November 2024		Yes-C
13	Dr. Selva kumar S	Exploration of Explainable AI with Deep Learning Model for Early Detection of Alzheimer's Disease	8th International Conference on Computational System and Information Technology for Sustainable Solutions (CSITSS), Bengaluru, India	7-9 Nov. 2024	2767-1097	Yes-C
14	Dr. Asha G R	Implementation of Land Registry System using Ethereum Blockchain and IPFS	8th International Conference on Computational System and Information Technology for Sustainable Solutions (CSITSS), Bengaluru, India	7-9 Nov. 2024	2767-1097	Yes-C
15	Radhika A D and Dr. Jyothi S Nayak	Performance analysis of CNN algorithm for Video Sequence in Human Activity Detection	5th International Conference on Data Science, Computation and Security (IDSCS 2024)	08-09, November 2024		Yes-C
16	Dr. Asha G R Dr..Nandhini Vineeth	Integrating Transparent Crowdfunding Platform and	2024 2nd DMIHER International Conference on Artificial Intelligence in	29-30 November 2024	10.1109/IDICAIEI61867.2024.10842939	No-C

		AI-Based Treatment Fund Estimation	Healthcare, Education and Industry (IDICAIEI)			
DECEMBER 2025						
17	Dr.Nandhini Vineeth Lakshmi Neelima	Deep Learning in Medical Image Analysis: A Survey	2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA)	20/12/24-21/12/24	10.1109/INNOVA63080.2024.10847040	No-C
18	Dr. Namratha M, Dr. Rajeshwari B S	Sustainable Innovations: Exploring Biodegradable Plastic Applications for a Greener Future	International Conference on Frontiers in Materials Science and Technology (ICFMST)	December 5th & 6th, 2024	DOI: https://doi.org/10.64252/p7dykb06	Yes-C
JANUARY 2025						
NIL						
FEBRUARY 2025						
19	Dr.Umadevi V	Analysing the Performance of Sampling Techniques on Imbalanced Datasets	12th International Conference on Signal Processing and Integrated Networks (SPIN 2025)	20-21 February 2025	Department of Electronics and Communication Engineering ASET, Amity University, Noida, Delhi-NCR, India	Yes-C Scopus Indexed
MARCH 2025						

20	Saritha A N	Deep Learning-based Alzheimer's Detection: A Novel Approach	2025 International Conference on Computing for Sustainability and Intelligent Future (COMP-SIF)	21-22 March 2025	979-8-3315-3854-5	YES-C
APRIL 2025						
21	Dr.Umadevi V	Performance Analysis of Machine Learning Models for Kannada Sign Language Recognition	19th INDIACom, 12th 2025 International Conference on Computing for Sustainable Global Development, Bharati Vidyapeeth, New Delhi	2nd - 4th April, 2025	DOI: 10.23919/INDIACom66777.2025.11115746	YES-C
22	Dr.Umadevi V	Deep Learning based Multi-Class Waste Object Detection and Classification	19th INDIACom, 12th 2025 International Conference on Computing for Sustainable Global Development, Bharati Vidyapeeth, New Delhi	2nd - 4th April, 2025	DOI:10.23919/INDIACom66777.2025.11115672	YES-C
23	Dr.Kayarvizhy N	Multi-Constraint Time Series Imputation	19th INDIACom, 12th 2025 International Conference on Computing for Sustainable Global Development, Bharati Vidyapeeth, New Delhi	2nd - 4th April, 2025	DOI:10.23919/INDIACom66777.2025.11115894	YES-C
24	Namratha M	Generative AI in Fashion: A Survey and CGAN Framework for Saree Blouse Design	19th INDIACom, 12th 2025 International Conference on Computing for Sustainable Global Development, Bharati Vidyapeeth, New Delhi	2nd - 4th April, 2025	DOI:10.23919/INDIACom66777.2025.11115694	YES-C

25	Dr.K Panimozhi	AI Guarded Code Editor: Verifying Authentic Human Input	2025 International Conference on Computing for Sustainability and Intelligent Future (COMP- SIF)	21-22 March 2025 (Held), April 28th 2025 (published)	https://doi.org/10.1109/C OMP- SIF65618.2025.1096991 3 https://ieeexplore.ieee.or g/abstract/document/109 69913	YES-C
MAY 2025						
NIL						
JUNE 2025						
26	Dr.Kavitha Sooda	IndicBART for Translating Code-Mixed Kannada-English Sentences into Kannada: An Encoder-Decoder Transformer Approach	2025 5th International Conference on Intelligent Technologies (CONIT)	June 20-22 2025	DOI:10.1109/CONIT 65521.2025.11167161	YES-C

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	Dr.Rajeshwari B S, Namratha M , Dr.Jyothi S. Nayak	Impact on Fake News in social media and Current Technology in Detection of Fake News	Text and Social Media Analytics for Fake News and Hate Speech Detection	Taylor & Francis Group	September 2024	eBook ISBN: 9781003409519 Chapter 10 181-198 1st Edition	YES
2	Dr.Jyothi S Nayak	Sustainable Farming through Machine Learning: Enhancing Productivity and Efficiency (1st ed.)	Enhancing Crop Productivity by Suitable Crop Prediction using Cutting-Edge Technologies	CRC Press.	November 2024	https://doi.org/10.1201/9781003484608 ISBN :9781003484608	YES
3	Dr.Umadevi V	Advances in Partitioning Techniques: A		CRC Press, Taylor & Francis Group	2nd June, 2025	ISBN 9781032750019	YES

		Prospective towards Artificial Intelligence					
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