

Details of faculty publications for year 2024-25

Sl.No	Author	Title	Publication Details	Year of Publication	Volume No/Page No	DOI	Citation
1	Dr. G.S. Biradar	Decentralized Storage For Secured Cloud: A Comprehensive Study	Journal of Emerging Trends and novel Research (JETNR)	November 2024	Volume 2, Issue 11		
2	Dr. Geeta Hanji	Mutual Coupling Reduction in 2.4 GHz Microstrip Patch Antenna Array Using Metamaterial Structures”	Journal Of Electrical Systems	2024	Vol. 20 No. 11s (2024)		
3	Dr. Geeta Hanji	Enhanced scene text recognition using deep learning based hybrid attention recognition network	IAES International Journal of Artificial Intelligence(IJ-AI)	December 2024	Vol. 13, No. 4 December 2024, pp. 4927~4938 ISSN: 22252-8938	10.11591/ijai.v13i4.pp4927-4938	
4	Dr. Geeta Hanji	Maximizing the sensor network lifespan through solar energy Harvesting on Great Duck Island Project	International Conference on Information and Communication Systems(ICICS 2025)	4th -5 th Feb 2025			
5	Dr. Sridhar. K	AI- Driven Resource Scaling cloud Computing for Unpredictable Workloads	International Conference on Electronics and Renewable Systems(ICEARS 2025)	11-13 February 2025			
6	Dr. Sridhar K	Image Denoising Using Di Strategy Pelican Optimization Algorithm Based On Grayscale and Color Images	International Journal Of Intelligent Engineering And Systems	2025	Vol.18, No.2	10.22266/ijies2025.0331.48	

7	Dr.Rakesh Huded	Enhanced scene text recognition using deep learning based hybrid attention recognition network	IAES International Journal of Artificial Intelligence(IJ-AI)	December 2024	Vol. 13, No. 4 December 2024, pp. 4927~4938 ISSN: 22252-8938	10.11591/ijai.v13i4.pp4927-4938	
8	Prof. Pankaj Mahoorkar	AI- Driven Resource Scaling cloud Computing for Unpredictable Workloads	International Conference on Electronics and Renewable Systems(ICEARS 2025)	11-13 February 2025			
9	Prof. Rajkumar Bainoor	A Novel Approach to Classify Yoga Poses by Employing Convolution Neural Network	Journal of Engineering and Technology Management ISSN-1879-1719	2024	Article Id:JETM/8894 Volume 71		
10	Prof. Rajkumar Bainoor	Lung Cancer Detection using Machine Learning Techniques					
11	Omkar Yatgal	Image Denoising Using Di Strategy Pelican Optimization Algorithm Based On Grayscale and Color Images	International Journal Of Intelligent Engineering And Systems	2025	Vol.18, No.2	10.22266/ijies2025.0331.48	
12	Prof. Gayatri Math	Apple Leaf Disease Detection and Classification Using L1 Regularized Multi Head Vision Transformer	International Conference on Integrated Circuits and Communication Systems(ICICACS)	2025			

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1	Dr.Nagendra H	Brain tumor detection and classification with feature extraction and reduction using DWT and PCA	Journal of Survey in Fisheries Sciences	2023	Vol. 10 No. 2S (2023): Special Issue 2 948-963	https://doi.org/10.17762/sfs.v10i2S.751	
2	Dr.Nagendra H	Brain Tumor Detection using Edge Detection Method and Calculation of Tumor Area	Journal of Harbin Engineering University	August 2023	Volume 44 No. 8 ISSN: 1006-7043		
3	Dr. G. S. Biradar	Design and Analysis of Passive Switching Crossbar Memristors Arrays using MATLAB	International Journal Of Intelligent Systems And Applications In Engineering	2024	Volume 12.No. 22s(2024) 459-466 ISSN: 2147-6799		
4	Prof. Pankaj Mahoorkar	Identifying Nutrition Deficiency in Paddy Leaf Using Neural Network	International Journal of All Research Education and Scientific Methods	May 2024	Volume 12, Issue 5 ISSN:2455-6211		
5	Prof. Rajkumar Bainoor	Gesture Controlled Home Automation Using CNN	International Journal Of Advances in Engineering and Management(IJ AEM)	May 2024	Volume 6, Issue 5 PP 581-584 ISSN:2395-5252		
6	Prof. Gayatri Math	Apple Fruit leaf Disease Detection and Classification using Quantum Behaved Particle Swarm Optimization	IEEE International Conference on Integrated Circuits and Communication Systems (ICICACS)	Feb 2024		10.1109/ICICA-6052.1.2024.10498615	1

Details of faculty publications for year 2022-23

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1	Dr. Siddaram Patil	QoS Enhanced Optimum Vertical Handoff Decision Algorithm for Heterogeneous Wireless Networks	Information and Communication Technology for Competitive Strategies (ICTCS 2020) ICT: Applications and Social Interfaces Springer Singapore	2022	1057-1065	10.1007/978-981-16-0739-4_97	2
2	Dr. Siddaram Patil	Efficient bandwidth-aware routing protocol in wireless sensor networks (EBARP)	International Journal Of Information Technology	June 2022	Volume 14. Pages 1967-1979	10.1007/s41870-021-00828-2	5
3	Dr. Siddaram Patil	Compact and Hexaband Rectangular Microstrip Patch Antenna for Wireless Applications	Springer US Wireless Personal Communications	January 2023	Volume 128. Issue 1. 345-363	10.1007/s11277-022-09958-7	2
4	Dr. Siddaram Patil	Institute of Advanced Engineering and Science (IAES) Bulletin of Electrical Engineering and Informatics (BEEI)	Bulletin of Electrical Engineering and Informatics	April 2023	Volume 12. Issue 2. 800-806 ISSN: 2089-3191	10.1159/eei.v12i2.4072	5
5	Dr. Nagendra H	Brain Tumor Detection and Classification Using Clustering and Comparison with FCM	Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), International Conference on	July 2022		10.1109/ICS ES553.17.2022.9914252	4
6	Dr. Geeta Hanji	A Novel Material Based On Concentric Circular Split Rings Mounted On Epoxy Substrate for Negative	International Journal Of Mechanical Engineering	May 2022	Vol. 7 No. 5. May, 2022 ISSN: 0974-5823		

		Permittivity and Permeability					
7	Dr. Geeta Hanji	Detection of Face Mask and Temperature of Body with auto Sanitizer for Covid-1	IEEE Nkon-2022 Flagship International Conference of IEEE North Karnataka Subsection	Nov. 2022			
8	Dr. Geeta Hanji	Salomi, Geeta Hanji, Cheat Detection for credit Cards using Artificial Intelligence hosted by B.L.D.E A's Engg. College, Vijayapur held during 20-21st November 2022.	IEEE Nkon-2022 flagship international Conference of IEEE North Karnataka Subsection	Nov. 2022			
9	Dr. Geeta Hanji	Implementation and study of wearable Image Recognition Device to aid the blind folk using cloud based approach	International Research Journal of Modernization in Engineering Technology and Science (IRJMETS),	July 2022	Volume 4. Issue 7		
10	Dr. Geeta Hanji	Harnessing Flask for Web Scraping & Sentiment Analysis: A Comprehensive application for News and E-Commerce Reviews	International Journal of Computer Applications (0975-8887), Vol 185-No.16,	June 2023	Volume 185-No. 16		
11	Prof. Pankaj Mahoorkar	Bipolar and Unipolar PWM for Voltage Source Inverter	International Conference on Intelligent Systems(ICIS-2022)	Sept. 2022			
12	Prof. Pankaj Mahoorkar	IOT BASED ENVIRONMENTAL PARAMETERS MONITORING SYSTEM FOR A CONTAINER	International Journal of Creative Research Thoughts (IJCRT)	7/2022	Volume 10. Issue 7 Pages b946-b950		

13	Prof. Padmapriya Patil	Survey and Implementation of IoT Based Smart City Towards Sustainable Urban Mobility	International Journal of Research in Engineering, Science and Management	March 2023	Volume 6, Issue 3 Pages 130-132 ISSN(Online):2581-5792		
14	Prof Padmapriya Patil	Implementation of Smart Village with Sustainable Development	International Journal of Creative Research Thoughts (IJCRT)	2022	Volume 10, Issue 7 ISSN: 2320-2882 Pages 433-437		
15	Prof. Rajkumar Bainoor	A Machine Learning Framework for Student Performance Prediction with Hybrid K-Means and KNN Techniques	International Journal Of Research and Analytical Reviews(IJRAR)	2022	Volume 9, Issue 1 E-ISSN:2348-1269,P-ISSN:2349-5138		
16	Prof. Rajkumar Bainoor	Potato Viral Disease Dataset on both Foliar and Tuber	Mendeley Data	Nov. 2022	Version 1	10.17632/rgfhd5mzw.1	
17	Dr. Rakesh Huded	Multi-oriented Text Detection In Natural Images Using Deep Learning	IEEE 2022 IEEE 2nd Mysore Sub Section International Conference	10/2022	1-6	10.1109/MysuruCon55714.2022.9972668v	