

3.2. Research papers published by Faculties in the Conferences

Sl. No.	Name of Author/s	Title of the Paper	National/ International	Year of Publication	Details of the Conference	Paper web link (if available)
1.	Dr. Shilpa Shrigiri	Study of Topologies, Power Converters and Control Techniques for the Dynamic Voltage Restorer	International	Feb-2024	International Conference on integrated intelligence and communication system	https://ieeexplore.ieee.org
2.	Mrs. Laxmibai R B	Enhancing Respiratory Disease Diagnosis through Deep Learning: A CNN-Based Approach for Image Classification	International	Feb-2024	International Conference on Integrated Intelligence and Communication Systems	https://ieeexplore.ieee.org
3.	Mrs. Nagaveni K	Revolutionizing Face Detection: VisionaryNet's Breakthrough in Unraveling Facial Complexity	International	April 2024	2024 2nd International Conference on Computer, Communication and Control	https://ieeexplore.ieee.org
4.	Mrs. Shruti H, Dr. Lakshmi Patil	Identification of Challenges and Limitations of Current Methods for Detection and Segmentation of Brain Tumor	International	Feb-2024	International Conference on Integrated Intelligence and Communication Systems	https://ieeexplore.ieee.org
5.	Mrs. Shobana K, Dr. Lakshmi Patil	A study on diabetic retinopathy using deep learning algorithms	International	Feb-2024	International Conference on integrated intelligence and communication system	https://ieeexplore.ieee.org
6.	Mrs. Sangeeta Patil	DWT Approach Based on Analysis of Seizures in EEG Signal,	International	Feb-2024	<u>International Conference on Integrated Intelligence and Communication Systems</u>	https://ieeexplore.ieee.org
7.	Dr. Lakshmi Patil	<u>Analysis of Classical and Machine Learning Techniques in Cognitive Radio Network</u>	International	Nov-2023	International Conference on Integrated Intelligence and Communication Systems	https://ieeexplore.ieee.org/abstract/document/10421255/
8.	Dr. Anuradha Patil	Multi-Tier Kernel for Disease Prediction using Texture Analysis with MR Images	International	Nov-2022	International Conference on Edge Computing and Applications	https://ieeexplore.ieee.org/abstract/document/9936466
9.	Prof. Nirupama	Survey on Classification of skin Diseases using Machine Learning Techniques.	International	202-4	IEEE International Conference on Power Electronics and Iot Applications in renewable Energy and its Control at GLA University Mathura UP.	https://ieeexplore.ieee.org/abstract/document/10486701

10.	Dr. Sujata Mallapur	Peli-Remo Optimization Algorithm for Reliable routing in MANET: K means node clustering and CNN-based Energy Predictions	International	2024	2 nd International Conference on Integrated Circuits and Communication Systems-2024	DOI: 10.1109/ICICACS60521.2024.10499017
11.	Dr. Sujata Mallapur	Optimization Algorithm for Reliable routing in MANET: K-means node clustering process and CNN-based Energy Prediction	International	2024	International Conference on Integrated Circuits and Communication Systems (ICICACS),	1. DOI: 10.1109/ICICACS60521.2024.10499017 5.
12.	Dr. Sujata Mallapur	Identification of NPK Deficiency in Toor Dal Leaf using CNN Technique	International	2023	IEEE International Conference on Integrated Intelligence and Communication System-2023	DOI: 10.1109/ICIICS59993.2023.10421673
13.	Dr. sridevi M Hosmani	Combined Deep Learning Models for the prediction of stages of Melanoma	International	2022	Proceeding of International Conference on Intelligent Systems & Computation (ICISC-2022)	-
14.	Dr. Sujata Mallapur	Reliable MANET Routing for Multimedia Communication	International	2022	International Conference on Advances in Computing, Communication and Applied Informatics	Doi: 978-1-6654-9528-8/22/\$31.00
15.	Dr. Sujata Mallapur	A Review on Security-Based Routing Protocols for Vehicular Ad Hoc Networks,	International	2022	International Conference on Contemporary Computing and Informatics (IC3I)	DOI: 10.1109/IC3I56241.2022.10073360
16.	Dr. Ayesha Heena	Machine learning based detection and classification of heart abnormalities	International	2022	Second International Conference on Image Processing and Capsule Networks: ICIPCN 2021 2	https://link.springer.com/chapter/10.1007/978-3-030-84760-9_2
17.	Dr. Ayesha Heena	Processing of echocardiographic images using segmentation, feature extraction and classification for detection of heart abnormality	International	2022	ICIEA International conference on Intelligent Engineering (ICIEA-2022) 12th February 2022 proceedings published in Science Direct.	https://www.sciencedirect.com/science/article/pii/S2666285X22000395
18.	Dr. Ayesha Heena	Comparative analysis of various medical image segmentation techniques	National	2021	NCECC: National Conference on Electronics, communication and Computation-2020 Jamshedpur	1. https://doi.org/10.47531/MANTECH/ECC.2021.32
19.	Dr. Ayesha Heena	Design and implementation of fractional order integral filter for denoising of echocardiographic images	International	2020	Proceedings of the 2 nd International Conference on IoT, Social, Mobile, Analytics & Cloud in Computational Vision & Bio-Engineering (ISMAL-CVB 2020)	https://papers.ssrn.com/sol3/Delivery.cfm?abstractid=3735736

20.	Dr. Ayesha Heena	Comparative analysis of fractional order calculus in image processing	International	2019	2019 1st International Conference on Advances in Information Technology (ICAIT)	https://ieeexplore.ieee.org/abstract/document/8987396/
21.	Dr. Ayesha Heena	A novel approach to review various image segmentation techniques”	National	2017	National conference on recent advances in engineering and technology	DOI: 10.15680/IJIRCCE.2017. 0505001
22.	Prof. Nirupama	Survey on Classification of skin Diseases using Machine Learning Techniques.	International	2024	IEEE International Conference on Power Electronics and Iot Applications in renewable Energy and its Control at GLA University Mathura UP.	-
23.	Dr. Shivaleela Patil	Aspect Based Sentiment Analysis	International	2024	IEEE 5th International Conference for Emerging Technology (INCET)	https://ieeexplore.ieee.org/abstract/document/10593116
24.	Dr. Shivaleela Patil	Study on the Personality Trait Prediction Techniques Using Social Media Data	International	2024	IEEE Second International Conference on Advances in Information Technology	https://ieeexplore.ieee.org/abstract/document/10690464
25.	Prof . Poonam Reddy	Secure healthcare monitoring Algorithms and Techniques for heart disease prediction	International	2025	IEEE Conference	
26.	Prof. Poonam Reddy	Diabetics management using IoT and blockchain technology(conference)	International	2025	Springer Nature	
27.	Prof. Anita	An Extensive Evaluation of Handwriting Analysis Methods for Personality Prediction	International	2023	IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS) - 2023	https://ieeexplore.ieee.org/xpl/conhome/10420831/proceeding
28.	Prof. Shruti M P	DWT Approach Based on Analysis of Seizures in EEG Signal	International	2023	IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS) - 2023	https://ieeexplore.ieee.org/xpl/conhome/10420831/proceeding
29.	Shruthi S A	Inferring dynamics observed in surveillance videos to analyse crowd behaviours	International	2023	IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS) - 2023	https://ieeexplore.ieee.org/xpl/conhome/10420831/proceeding
30.	Dr Sushma J Patil	Development and comparative study of Advanced Distributed Electronic Control system for Robotic Application	International	2023	IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS) - 2023	https://ieeexplore.ieee.org/xpl/conhome/10420831/proceeding

31.	Geeta Kamlapur	Cooperative Communication By Using Cognitive Radio Networks	International	2023	IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS) - 2023	https://ieeexplore.ieee.org/document/10421099/authors
32.	Ashwini Yenegur Dr.M.sasikala	Modeling and Simulation of Bldc motor for electric tractor application	International	2023	IEEE International conference on Networks, Multimedia and information technology organized by NITM, Bangalore.	https://ieeexplore.ieee.org/abstract/document/10276267
33.	Amruta	Control Strategies and Converter Configurations in EV application	International	2023	IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS)	https://ieeexplore.ieee.org/document/10421112
34.	Poornima Smita	Study of Topologies, Power Converters, and Control Techniques for the Dynamic Voltage Restorer (DVR)	International	2023	IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS)	https://ieeexplore.ieee.org/document/10421409
35.	Geeta K	A novel neuro fuzzy method DTC of Induction Motor Drive for efficient torque response	International	2022	International conference for Emerging Technology	https://ieeexplore.ieee.org/document/9824324
36.	Ashwini Yenegur, Dr. M Sasikala	A survey on BLDC motor drive Control in Electrical drive	International	2022	International Conference on Multidisciplinary Research	-
37.	Savitri Medegar	A survey on design and development of Electric bicycle(Bike) for agricultural applications using Renewable Energy Sources	International	2022	International Conference on Multidisciplinary Research	-
38.	Savitri Medegar	A survey on design and development of Electric bicycle(Bike) for agricultural applications using Renewable Energy Sources	National	2021	National Conference on Recent trends in Engineering and management studies Organized by Lingaraj Appa Engineering College Bidar	-