



Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2024-25

Faculty Publication

Sr. No	Name of Faculty	Paper Title	Name of Research Journal / Conference	Vol. Issue No	Impact Factor	Year of Publication	DOI / Paper Link
1	Mr. Sunil Katkar	Modeling Channel Dynamics in Molecular Communication Systems	Journal of Information Systems Engineering and Management	Vol. 10 No. 11s (2025)		2025	https://doi.org/10.52783/jisem.v10i11s.1673
2	Dr. Anil Hingmire	An Investigation and Design of Conceptual Framework of Digital Twin with Industry 4.0 Enabling Technologies	International Journal of Engineering Trends and Technology	vol. 73, no. 2	2.45	2025	https://doi.org/10.14445/22315381/IJE-TT-V73I2P112
3	Dr. Anil Hingmire	Exploration of OpenCV for Hand Gesture Recognition Techniques - A Review	Nanotechnology Perceptions	Vol. 20 No. 7	-	2024	https://doi.org/10.62441/nanontp.v20i7.4053
4	Mr. Sanket Patil , Mr. Vishal Pande	A Novel Multimodal Framework For Early Detection Of	SSRG International Journal Of Electrical And	Volume 11 Issue 11,	-	2024	https://doi.org/10.14



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		Alzheimer's Disease Using Deep Learning	Electronics Engineering				445/23488549/IJCE-V11I11P102
5	Mr. Sanket Patil	A Comprehensive Review Of Deepfake And Its Detection Techniques	International Journal Of Electrical And Electronics Engineering	Volume 11 Issue 8	-	2024	https://doi.org/10.14445/23488379/IJEE-V11I8P111
6	Mrs. Swati Varma	Domain adaptation of transformer-based neural network model for clinical note classification in Indian healthcare	International Journal of Information Technology	Vol 16, Issue 6	-	2024	https://doi.org/10.1007/s41870-024-02053-z
7	Mrs. Manali Patekar	Voice Based E-Mail System for Visually Impaired People	Nanotechnology Perceptions	Vol.20, No.6 (2024)	-	2024	https://doi.org/10.62441/nanotnp.v20i6.17
8	Dr. Satish Salunkhe	Health Record Storage and Accessing System Using Blockchain	Intelligent Computing and Big Data	Vol 2235	-	2024	https://doi.org/10.1007/978-3-031-



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			Analytics. ICICBDA 2024.				74701-4_5
9	Dr. Dinesh Patil, Mrs Akshaya Prabhu	Suspect Face Generation and Recognition based on DCGAN	2nd International Conference on Self Sustainable Artificial	-	-	2024	http://dx.doi.org/10.1109/ICSS6066.0.2024.10625556
10	Mrs. Swati Varma, Dr. Anil Hingmire	Enhancing Agri-Sustainability: Multimodal Recommendations for Demand-Supply Alignment	2024 2nd World Conference on Communication & Computing (WCONF)	-	-	2024	https://doi.org/10.1109/WCO NF61366.2024.10692069
11	Dr. Vikrant Agaskar	Ensemble Learning Approaches for Predicting Flood Damage: A comprehensive Analysis and Evaluation	2nd International Conference on Self Sustainable Artificial Intelligence Systems	-	-	2024	
12	Ms. Sneha Mhatre	Deepfusion: A Novel Deep Learning Technique For Enhanced Image Super - Resolution	3 Rd International Conferemce On Automation, Computing And Renewable System	-	-	2024	



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13	Ms. Sneha Mhatre	Fetal Anomaly Detection In Ultrasound Images: A Review Of Deep Learning Based Approaches	3 rd International Conference On Automation, Computing And Renewable System	-	-	2024	
14	Mrs. Swati Varma	Classifying Temporomandibular Disorder and Trigeminal Neuralgia using Self-Supervised and Deep Learning Approach	2024 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC)	-	-	2024	https://doi.org/10.1109/ETNC63262.2024.10767530