



## 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	Category
1	Mr. Sunil Katkar	Modeling Channel Dynamics in Molecular Communication Systems	Journal of Information Systems Engineering and Management	Vol. 10 No. 11s (2025)	-	2025	<a href="https://doi.org/10.52783/jisem.v10i11s.1673">https://doi.org/10.52783/jisem.v10i11s.1673</a>	Scopus
2	Dr. Dinesh Patil	Revolutionizing CRM with AI: Clause Detection and Client Management	International Journal of Innovative Research in Technology [UGC Approved Journal]	Vol. 11, Issue 11	8.01	2025	<a href="https://ijirt.org/Article?manuscript=175885">https://ijirt.org/Article?manuscript=175885</a>	UGC Approved/Non Scopus
3	Mrs. Swati Varma	Explainable zero-shot learning and transfer learning for real time Indian healthcare	International Journal of Informatics and Communication Technology	Vol. 14, No. 1		2025	<a href="https://doi.org/10.11591/ijict.v14i1">10.11591/ijict.v14i1</a>	Scopus
4	Dr. Anil Hingmire	An Investigation and Design of Conceptual Framework of Digital Twin with	International Journal of Engineering Trends and Technology	vol. 73, no. 2	2.45	2025	<a href="https://doi.org/10.14445/2315381/IJETT-V73I2P112">https://doi.org/10.14445/2315381/IJETT-V73I2P112</a>	Scopus



## Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2024-25

		Industry 4.0 Enabling Technologies						
5	Dr. Anil Hingmire	Exploration of OpenCV for Hand Gesture Recognition Techniques - A Review	Nanotechnology Perceptions	Vol. 20 No. 7	-	2024	<a href="https://doi.org/10.62441/nano-ntp.v20i7.4053">https://doi.org/10.62441/nano-ntp.v20i7.4053</a>	Scopus
6	Mr. Sanket Patil , Mr. Vishal Pande	A Novel Multimodal Framework For Early Detection Of Alzheimer's Disease Using Deep Learning	SSRG International Journal Of Electrical And Electronics Engineering	Volum e 11 Issue 11,	-	2024	<a href="https://doi.org/10.14445/23488549/IJECE-V11I11P102">https://doi.org/10.14445/23488549/IJECE-V11I11P102</a>	Scopus
7	Mr. Sanket Patil	A Comprehensive Review Of Deepfake And Its Detection Techniques	International Journal Of Electrical And Electronics Engineering	Volum e 11 Issu e 8	-	2024	<a href="https://doi.org/10.14445/23488379/IJEEE-V11I8P111">https://doi.org/10.14445/23488379/IJEEE-V11I8P111</a>	Scopus
8	Mrs. Swati Varma	Domain adaptation of transformer-	International Journal of Information	Vol 16, Issue 6	-	2024	<a href="https://doi.org/10.1007/s4">https://doi.org/10.1007/s4</a>	Scopus



## Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2024-25

		based neural network model for clinical note classification in Indian healthcare	Technology				<a href="#">1870-024-02053-z</a>	
9	Mrs. Manali Patekar	Voice Based E-Mail System for Visually Impaired People	Nanotechnology Perceptions	Vol.20, No.6 (2024)	-	2024	<a href="https://doi.org/10.62441/nano-ntp.v20i6.17">https://doi.org/10.62441/nano-ntp.v20i6.17</a>	Scopus
10	Mrs. Neha Surti	Early Detection of Diabetic Retinopathy using Deep Learning	5th International Conference on Computing & Communication Technologies	-	-	2025		Non – IEEE/ Springer
11	Mrs. Neha Surti	Automated Sales Data Extraction and Forecasting Using Deep Learning	International Conference on Power Electronic Converters in Transportation and Energy Applications (Accepted)	-	-	2025		IEEE
12	Mrs. Smita Jawale	Court Cases Priorities and Timeline:	International Conference on Communication	-	-	2025		IEEE



## Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2024-25

		Analysis and Prediction	,Image Processing and Computing					
13	Dr. Megha Trivedi	Swiftship - AI Optimized Delivery Time-slot Management	6th International Conference for Emerging Technology (INCET)	-	-	2025		IEEE
14	Dr. Megha Trivedi, Mrs. Smita Jawale, Mrs. Sneha Mhatre	Legal Mitra: Simplified Legal Resources and Guidance Platform	6th International Conference for Emerging Technology (INCET)	-	-	2025		IEEE
15	Dr. Megha Trivedi, Dr. Anil Hingmire	AI-Powered Sleep Apnea Detection and Monitoring Using Deep Learning on ECG Signals	6th International Conference for Emerging Technology (INCET)	-	-	2025		IEEE
16	Dr. Megha Trivedi, Mrs. Sneha	EmoTrack: Intelligent Hiring with Data and Emotion Detection	6th International Conference for Emerging Technology (INCET)	-	-	2025		IEEE



## Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2024-25

	Mhatre							
17	Dr. Swati Varma	Security of Dedicated Android Devices with Kiosk Mode	6th International Conference for Emerging Technology (INCET)	-	-	2025		IEEE
18	Mrs. Brinal Colaco	Blockchain Based Deepfake Video Detection Using Deep Learning	International Conference on Emerging Trends in Industry 4.0 Technologies(I CETI4T)	-	-	2025		IEEE
19	Mrs. Brinal Colaco	AI-Enhanced Security Framework for Blockchain	International Conference on Innovation, Sustainability and Applied Sciences (ICISAS)	-	-	2025		Non – IEEE/ Springer
20	Dr. Vikrant Agaskar	Integrating Gamification and NLP: Analysis on an Adaptive Learning Platform for Engineering Education	1 <sup>st</sup> International Conference on Emerging Trends in Computer Science and Engineering	-	-	2025		Non – IEEE/ CUREU S



## Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2024-25

21	Dr. Vikrant Agaskar	DermaTech: A Machine Learning and Deep Learning-Based Skincare Product Recommendation System	1 <sup>st</sup> International Conference on Emerging Trends in Computer Science and Engineering	-	-	2025		Non – IEEE/CUREUS
22	Dr. Satish Salunkhe	Health Record Storage and Accessing System Using Blockchain	Intelligent Computing and Big Data Analytics. ICICBDA 2024.	Vol 2235	-	2024	<a href="https://doi.org/10.1007/978-3-031-74701-4_5">https://doi.org/10.1007/978-3-031-74701-4_5</a>	IEEE
23	Dr. Dinesh Patil, Mrs Akshaya Prabhu	Suspect Face Generation and Recognition based on DCGAN	International Conference on Self Sustainable Computing & Smart System	-	-	2024	<a href="http://dx.doi.org/10.1109/ICSCSS60660.2024.10625556">http://dx.doi.org/10.1109/ICSCSS60660.2024.10625556</a>	IEEE
24	Mrs. Swati Varma, Dr. Anil Hingmire	Enhancing Agri-Sustainability: Multimodal Recommendations for Demand-Supply Alignment	2024 2nd World Conference on Communication & Computing (WCONF)	-	-	2024	<a href="https://doi.org/10.1109/WCONF61366.2024.10692069">https://doi.org/10.1109/WCONF61366.2024.10692069</a>	IEEE



## Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2024-25

25	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	<a href="http://dx.doi.org/10.1109/ICSSAS64001.2024.10760488">http://dx.doi.org/10.1109/ICSSAS64001.2024.10760488</a>	IEEE
26	Ms. Sneha Mhatre	Deepfusion: A Novel Deep Learning Technique For Enhanced Image Super - Resolution	3 Rd International Conference On Automation, Computing And Renewable System	-	-	2024	<a href="https://doi.org/10.1109/ICACRS62842.2024.10841630">doi: 10.1109/ICACRS62842.2024.10841630</a>	IEEE
27	Ms. Sneha Mhatre	Fetal Anomaly Detection In Ultrasound Images: A Review Of Deep Learning Based Approaches	3 <sup>rd</sup> International Conference On Automation, Computing And Renewable System	-	-	2024	<a href="https://doi.org/10.1109/ICACRS62842.2024.10841653">10.1109/ICACRS62842.2024.10841653</a>	IEEE
28	Mrs. Swati Varma	Classifying Temporomandibular Disorder and Trigeminal Neuralgia using Self-Supervised	2024 International Conference on Emerging Trends in Networks and	-	-	2024	<a href="https://doi.org/10.1109/ETNCC63262.2024.10767">https://doi.org/10.1109/ETNCC63262.2024.10767</a>	IEEE



# Vidyavardhini's College of Engineering & Technology

Department of Computer Engineering

Academic Year : 2024-25

---

		and Deep Learning Approach	Computer Communication s (ETNCC)				<a href="#">530</a>	
--	--	----------------------------------	--	--	--	--	---------------------	--