



PUNE INSTITUTE OF COMPUTER TECHNOLOGY

Department of Information Technology

Major Research Papers Publication in Various Journals/Conferences [A.Y. 2024-2025 in Process]

Sr. No.	Name Of the Teacher's /Author	Title Of the Paper	Name Of the Journal / Proceeding / Conference	Level (State / National / International)	Volume & Number/Issue	Year of Publication	ISBN/ ISSN No.	Publisher/ Indexing
1	Dr. Archana Ghotkar	Mental Stress Detection with the Multimodal Data Using Ensemble Optimization Enabled Explainable Convolutional Neural Network	Biomedical Materials & Devices	International		2025	2731-4820	scopus
2	Dr.Emmanuel, M	Secured Sharing of Personal Health Records in Cloud with Optimised Signcryption: Improved Shark Smell Optimisation for Key Generation	Journal of Information & Knowledge Management	International	Vol. 24, No. 01, 2450097 (2025)	2025	1793-6926	scopus
3	Dr.Jayashree Jagdale	Mapreduce framework-based sentiment analysis of twitter data using hierarchical attention network with chronological leader algorithm	Social Network Analysis and Mining (2024)	International	Volume 14,	2024	1869-5469	scopus
4	Rachna Karnavat	Context-Based Crime Detection : A Framework Integrating Computer Vision Technologies	MIT Art, Design and Technology School of Computing International Conference (MITADTSociCon)	International		2024	979-8-3503-6287-9	IEEE
5	Swapnaja Hiray	Mutual Fund Analysis Using Large Language Model	MIT Art, Design and Technology School of Computing International Conference (MITADTSociCon)	International		2024	979-8-3503-6287-9	IEEE
6	Sachin D. Shelke	Fruit (Orange) Quality Inspection using Fully Convolutional Network	MIT Art, Design and Technology School of Computing	International			979-8-3503-6287-9	IEEE

			International Conference (MITADTSoCiCon)			2024		
7	Archana S. Kadam	MindLift – A Conversational AI Chatbot for Enhancing Mental Health	MIT Art, Design and Technology School of Computing International Conference (MITADTSoCiCon)	International		2024	979-8-3503-6287-9	IEEE
8	Sumitra A. Jakhete	Study of Deep Learning Techniques for Real-Time Online censorship using Comment Toxicity Detection	MIT Art, Design and Technology School of Computing International Conference (MITADTSoCiCon)	International		2024	979-8-3503-6287-9	IEEE
9	Kirti Digholkar	Unlocking the Power of Web-Based Feedback: A Novel Approach for Organizations	2024 OPJU International Technology Conference (OTCON) on Smart Computing for Innovation and Advancement in Industry 4.0	International		2024	979-8-3503-7378-3	IEEE
10	Kirti Digholkar	Performance Analysis of Different Ingress Controllers Within the Kubernetes Cluster	2024 IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS)	International		2024	979-8-3503-7378-3	IEEE
11	Mrs. Rachna Karnavat	Hearing Beyond Sight: Image Captioning and Translation with Speech Synthesis for the Visually Impaired	2024 Asia Pacific Conference on Innovation in Technology (APCIT)	International		2024	9798350361544	IEEE
12	<u>Tushar A. Rane</u>	Intelligent Video-Based Attendance Tracking With Machine Learning	<u>15th International Conference on Computing Communication and Networking Technologies (ICCCNT)</u>	International		2024	9798350370249	IEEE
13	Jayashri Jagdale, Archana S. Kadam	Blockchain Based Goods Authentication System	<u>2024 IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS)</u>	International		2025	979-8-3503-7378-3	IEEE

14	Jayashri Jagdale	Indian Sign Language Recognition Using Video Vision Transformer	3rd International Conference for Advancement in Technology (ICONAT)	International		2024	9798350354-171	IEEE
15	Jayashri Jagdale	Indian Sign Language Recognition in Real Time using YOLO NAS	3rd International Conference for Advancement in Technology (ICONAT)	International		2024	9798350354-171	IEEE
16	Sumitra A. Jakhete	A Comprehensive Survey and Evaluation of MediaPipe Face Mesh for Human Emotion Recognition	8th International Conference on Computing, Communication, Control and Automation (ICCUBEA)	International		2024	979-83-503-9178-7	IEEE
17	Mrs. Amruta Abhinandan Patil	Adaptive Tutoring Systems: Crafting Personalized Learning Experiences	2024 2nd International Conference on Advances in Computation, Communication and Information Technology (ICAICCIT)	International		2025	979-83-315-4122-4	IEEE