

FACULTY RESEARCH PAPER/ PUBLICATIONS

Sr.No.	Name of Faculty	Research paper Title	year	IF, Link and DOI
1	Dr. Uma Gurav	Enhancing Video Content Accessibility Through YouTube Transcript	2024-25	https://link.springer.com/chapter/10.1007/978-981-97-2550-2_10
2	Dr. Uma Gurav	Intelligent IoT System for Irrigation and Water Management	2024-25	https://link.springer.com/chapter/10.1007/978-981-97-7371-8_8
3	Dr. Uma Gurav	Deep Learning & Zapier Automation based Medicinal Leaf Talk: Unraveling Nature's Secrets	2024-27	https://ieeexplore.ieee.org/document/10939936
4	Dr. Uma Gurav	Environment friendly Plastic Garbage Classification Using Convolution Neural Network	2024-25	https://ieeexplore.ieee.org/abstract/document/10673625
5	Dr. Uma Gurav	Automatic number plate recognition: A deep dive into yolov8 and resnet-50 integration	2024-25	https://ieeexplore.ieee.org/document/10498318
6	Dr. Uma Gurav	Uma P. Gurav (ORCID-0000-0002-8816-6333) Implementation of an nlp-driven chatbot and ml algorithms for career counseling	2024-25	https://ieeexplore.ieee.org/document/10544511
7	Dr. Uma Gurav	Managing Spam Images on Android: An Approach Utilizing Machine Learning and NLP (web of science)	2024-25	https://colab.ws/articles/10.1007%2F978-981-97-2550-2_59
8	Dr. Uma Gurav	Deep Learning Based Automated Question Generation for Examination System	2024-25	https://ieeexplore.ieee.org/abstract/document/10870863

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9	Dr. Uma Gurav	Reddit Sentiment Analysis Using AWS Services	2024-25	https://link.springer.com/chapter/10.1007/978-3-031-83790-6_28
10	Dr. Uma Gurav	Deep Learning Based Automated Question Generation for Examination System	2024-25	
11	Dr. Uma Gurav	DERM-AI: Dermatological Disease Prediction Based on CNN Model	2024-25	https://ieeexplore.ieee.org/abstract/document/10870861
12	Dr. Uma Gurav	Camouflaged Human Detection: Comparative Analysis Using YoloV5s, YOLOv5l, YOLOv5m, YOLOv5n, YOLOv5x Model	2024-25	https://ieeexplore.ieee.org/abstract/document/10870666
13	Dr. Uma Gurav	Gesture Palette: A Virtual Painting Website	2024-25	https://ieeexplore.ieee.org/abstract/document/10829092
14	Dr. Uma Gurav	Dynamic Surveillance : Integration of VGG and ResNET	2024-25	https://ieeexplore.ieee.org/abstract/document/10750569
15	Dr. Uma Gurav	SE_Resnet14: Design and development of deep learning architecture for kidney microscopy images grading	2024-25	Procedia Computer Science journal
16	Dr. Uma Gurav	Alzheimer's disease detection from brain MRI: Comparative Study of ResNet50, VGG19, DenseNet121 Multibranch CNN models	2024-27	Procedia Computer Science journal , 2025
17	Dr. Uma Gurav	'Encord YOLOV8 integration: Solid Waste Detection for Environmental Sustainability'	2024-28	Springer Nature 2025
18	Dr. Ashish Patil	Emerging 6G Services for the Smart Society: Towards Seamless Connectivity	2024-29	9th International Conference on Communication and Electronics Systems (ICCES 2024), IEEE, 16th to 18th December 2024

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19	Dr. Pradeep Khot	Performance Aspects Based Systematic Review of Spectrum Management Techniques in 5G Networks", has been scheduled for presentation at the	2024-30	Advances in Communication Network and Systems (CoaCoNS 2025) , 26th March 2025
20	Komal V. Jadhav	Hybrid LSTM-Transformer Architecture for Abnormal Crowd Behavior Detection	2025	https://powertechjournal.com/index.php/journal/article/view/1731
21	Komal V. Jadhav	Detection of Chronic Venous Disease	2024	10.1109/GCWOT63882.2024.10805615
22	Komal V. Jadhav	Intelligent Violence Detection: An AI Driven Approach for Enhanced Surveillance System	2025	https://www.ijfmr.com/research-paper.php?id=44243
23	Mr. Shekhar D Jalane	Survey of Secure Data Access Control Models in Cloud Computing for EHR	2024-31	International Research Journal on Advanced Engineering Hub 2024
24	Dr. Uma Gurav	Alzheimer's disease detection from brain MRI: Comparative Study of ResnNet50, VGG19, DenseNet121 Multibranch CNN models	2024-25	https://www.sciencedirect.com/science/article/pii/S1877050925012050
25	Dr. Uma Gurav	SE_Resnet14: Design and development of deep learning architecture for kidney microscopy images grading	2024-25	https://www.sciencedirect.com/science/article/pii/S1877050925012062
26	Mr. Vinay S. Prabhavalkar	GPT-3- and DALL-E- Powered Applications: A Complete Survey	2024	https://doi.org/10.1002/9781394214167.ch19
27	Mr. Vinay S. Prabhavalkar	Automatic number plate recognition: A deep dive into yolov8 and resnet-50 integration	2024	10.1109/ICICACS60521.2024.10498318