

Journal Publications 2025-26

Sr No	Name of Staff	Title of the publication	Accepted/ Published/ Indexed	Name of the Journal	National/ International	Publication Link
1	Dr. P.M Shelke	WKOA: Wolverine kite optimization algorithm for feature selection and deep high attention network with explainable AI for Thyroid disease detection	Indexed	Biomedical Materials & Devices	International	https://link.springer.com/article/10.1007/s44174-025-00533-9#citeas
2	Dr. P.M Shelke	Advanced prediction and diagnosis of liver diseases using multi-view heterogeneous graph neural networks	Indexed	Progress in Artificial Intelligence	International	https://link.springer.com/article/10.1007/s13748-025-00416-6
3	Dr. P.M Shelke	Personalized Learning Paths for Student Progression: An Artificial Intelligence-Driven Skill Roadmap With Retrieval-Augmented Generation and Large Language Models	Published	Cureus Journal Of Computer Science	International	https://www.cureusjournals.com/articles/275-personalized-learning-paths-for-student-progression-an-artificial-intelligence-driven-skill-roadmap-with-retrieval-augmented-generation-and-large-language-
4	Mr. Amol Suryawanshi	Hybrid Convolutional Neural Networks–Transformer Architecture Optimized with Gooseneck Barnacle Algorithm for Grape Leaf Disease Classification	Published	ES Food and Agroforestry Volume 23, 2026	International	https://www.espublisher.com/journals/articledetails/1957/
5	Mrs. P.R.Rege	Energy-Efficient Machine Learning Based Denoising Techniques for Sustainable Medical Imaging	Published	JoVE Journal	International	https://app.jove.com/t/68968/energy-efficient-machine-learning-based-denoising-techniques-for
6	Dr. Suruchi Dedgaonkar	An adaptive mechanism of improved heuristic algorithm and multiscale feature integration with residual GRU for emotion with mental health recognition	Indexed	Cognitive Neurodynamics	International	https://link.springer.com/article/10.1007/s11571-025-10302-5
7	Dr. Nakul Sharma	Predictive modeling of crop production in Maharashtra, India: A machine learning approach	Published	AIP Conference Proceedings	International	https://pubs.aip.org/aip/acp/article-abstract/3325/1/060009/3366074

8	Dr. Nakul Sharma	Shipment price prediction using machine learning models	Published	AIP Conference Proceedings	International	https://pubs.aip.org/aip/acp/article-split/3325/1/050025/3366041/Predictive-modeling-of-crop-production-in
9	Dr. Jayashree Tamkhade	1.Deep Learning-Driven Steering Angle Prediction and Scene Understanding via Harmonic Carpet Weaver Optimization	Published	Journal of Field Robotics	International	https://onlinelibrary.wiley.com/doi/10.1002/rob.70151
10	Dr. Jayashree Tamkhade	2.QRNN with Addax Wolf Bird Optimization-based LPG gas leakage detection and alert system withIoT edge computing[GQ6]	Indexed	Intelligent Decision Technologies	International	https://journals.sagepub.com/doi/10.1177/18724981251403036
11	Dr. Anup Ingle	Mathematical Modelling and Hybrid Optimization of Robotic Arm Trajectories for Minimally Invasive Carcinogenic Interventions	Published	Journal of Carcinogenesis	International	https://carcinogenesis.com/index.php/JOC/article/view/810/544
12	Dr. Anup Ingle	Trajectory Planning Algorithm for Autonomous Navigation in Cancer Research Facilities: Integrating Clearance Preservation, Computational Efficiency, and Geometric Smoothness	Published	Journal of Carcinogenesis	International	https://carcinogenesis.com/index.php/JOC/article/view/813/546
13	Dr. Anup Ingle	Multi-Annotator Consensus Network with Adaptive Preprocessing for Lung Nodule Segmentation: A Deep Learning Framework for Clinical Decision Support	Published	Engineering, Technology & Applied Science Research	International	https://etasr.com/index.php/ETASR/article/view/12408/5898
14	Mr. Praveen Rathod	Eco-friendly ABS composites with pistachio shell powder reinforcement: mechanical and microstructural evaluation	Scopus Indexed and Published	Journal of Engineering and Applied Science	International	https://link.springer.com/article/10.1186/s44147-025-00854-y
15	Mr. Praveen Rathod	Homogenization technique-based prediction of elastic properties in pistachio shell powder-acrylic butadiene styrene (ABS) polymeric composites	SCI/Published	Polymers and Polymer Composites	International	https://journals.sagepub.com/doi/full/10.177/09673911251410749
16	Mr. Praveen Rathod	Static Structural Non-Linear Finite Element Analysis of Double Ferrule Fitting	SCI/Published	Composites: Mechanics, Computations, Applications: An International Journal	International	https://dl.begellhouse.com/journals/36ff4a142dec9609,forthcoming,57377.html