



PANIMALAR ENGINEERING COLLEGE
(An Autonomous Institution, Affiliated to Anna University, Chennai)
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
JOURNALS PUBLICATION
AY 2025-2026

S.No	AUTHORS	PAPER TITLE	JOURNAL NAME	INDEXED (UGC CARE/ SCOPUS/ WOS)	LINK
01	Dr.B Anni Princy	Design and analysis of linear-phase finite-impulse response filter using henry gas solubility optimization algorithm	Journal of Automation, Mobile Robotics and Intelligent Systems	SCOPUS	https://doi.org/10.14313/jamris-2025-023
02	Dr.Suresh G	Advancing Health Diagnostics: AI-Powered CVD-REF Framework for Precise and Early Risk Assessment.	Journal of Machine and Computing	SCOPUS	https://doi.org/10.53759/7669/jmc202505098 https://anapub.co.ke/journals/jmc/jmc_abstract/2025/jmc_volume_05_issue_02/jmc_volume5_issue2_98.html
	Dr.Suresh G	Hybrid Machine Learning Methodology for Real Time Quality of Service Prediction and Ideal Spectrum Selection in CRNs.	Journal of Machine and Computing	SCOPUS	https://doi.org/10.53759/7669/jmc202505099 https://anapub.co.ke/journals/jmc/jmc_abstract/2025/jmc_volume_05_issue_02/jmc_volume5_issue2_99.html
	Dr.Suresh G	Quantum optimized hierarchical chunk encoding with robust embedding for perceptual integrity and compression tolerant visual data protection.	Scientific Reports	SCIE	https://doi.org/10.1038/s41598-026-38249-5 https://www.nature.com/articles/s41598-026-38249-5
	Dr.Suresh G	A Hybrid Neuro-Fuzzy Optimization Framework for Self-Healing and Lifetime Enhancement in Wireless Sensor Networks.	International Journal of Communication Systems	SCIE	https://doi.org/10.1002/dac.70362 https://onlinelibrary.wiley.com/doi/10.1002/dac.70362?af=R



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03	Dr.R Anand Babu	Transformer-Based Tabular Foundation Models: Outperforming Traditional Methods with TabPFN	International Journal of Engineering, Science and Information Technology	SCOPUS	https://ijesty.org/index.php/ijesty/article/view/1146 https://doi.org/10.52088/ijesty.v5i3.1146
	Dr.R. Anand Babu	Optimizing coverage in wireless sensor networks using deep reinforcement learning with graph neural networks	Scientific Reports	SCIE	https://www.nature.com/articles/s41598-025-01841-2 https://doi.org/10.1038/s41598-025-01841-2
04	Dr.B.Prabha	Unraveling schizophrenia: a precision diagnostic approach with sequential convolutional neural networks	Journal of Theoretical and Applied Information Technology	Scopus	https://www.jatit.org/volumes/Vol103No20/4Vol103No20.pdf https://www.scopus.com/pages/publications/105024819592
05	Mr.Ezhilvendhan M	Adaptive Multi-Factor Co-Evolutionary Algorithm With Local Search For Efficient Cluster Head Selection In Wireless Sensor Networks	Ictact Journal On Communication Technology,	UGC CARE	https://doi.org/10.21917/ijct.2025.0524 https://ictactjournals.in/ArticleDetails.aspx?id=cnyzlobm
06	Mr.C.Thiyagarajan	The Cutting-Edge Hadoop Distributed File System: Un-leashing Optimal Performance	EAI Endorsed Transactions on Scalable Information Systems	SCIE	https://doi.org/10.4108/eetsis.9027
07	Mr.J. Nagaraj	Mapping the research landscape: energy storage of bio-nanoparticle-enhanced phase change materials for solar desalination—a scientometric framework	Frontiers in Water	Scopus	https://doi.org/10.3389/frwa.2025.1650870



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08	Mrs.M.Bharani	Deep Learning Assisted Case based Reasoning Model for Phishing URL Detection in Cloud Network	Journal of Information Science and Engineering	SCIE	https://doi.org/10.6688/JISE.202605_42(3).0015
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