



Madanapalle Institute of Technology & Science
Department of Computer Science & Engineering (Data Science)
Faculty Publication Details: AY 2024 - 2025 (July 2024 to till date)



S.No	Name of the author	Journal name	Indexed in (Scopus,SCI,SCI extended,ABDC,IIM listed)	Title of the paper	DOI/URL
1	Mr. A. Kalyan Kumar	Journal of Machine and Computing	Scopus	The Future of Neurodiagnostic: Deep Learning for Earlier Intervention	https://anapub.co.ke/journals/jmc/jmc_abstract/2024/jmc_volume_04_issue_03/jmc_volume4_issue3_26.html
2	Dr. N. Komal Kumar	IAES International Journal of Artificial Intelligence	Scopus	Scalability and performance of decision tree for cardiovascular disease prediction	https://ijai.iaescore.com/index.php/IJAI/article/view/24465
3	Mrs. T. Swetha	Journal of Machine and Computing	Scopus	Intelligent Fault Diagnosis in Industrial Machinery: Leveraging AI with LSTM Autoencoder for Enhanced Fault Detection	https://anapub.co.ke/journals/jmc/jmc_abstract/2024/jmc_volume_04_issue_04/jmc_volume4_issue4_10.html
4	Mr. T. Balaji	Journal of Machine and Computing	Scopus	Integrating IoMT and Blockchain in Smart Healthcare: Challenges and Solutions	https://anapub.co.ke/journals/jmc/jmc_abstract/2024/jmc_volume_04_issue_04/jmc_volume4_issue4_32.html
5	Dr. S. Gopalakrishnan	Biomedical Signal Processing and Control	SCIE	An efficient data mining technique and privacy preservation model for healthcare data using improved darts game optimizer based weighted deep neural network and hybrid encryption	https://www.sciencedirect.com/science/article/abs/pii/S1746809424012266?via%3Dihub
6	Dr. K. Lokeshwaran	Journal of Environmental Engineering and Landscape Management	SCIE	Automatic monitoring of treated water released from wastewater treatment plants using model-based clustering with density estimation	https://journals.vilniustech.lt/index.php/JEELM/article/view/22953
7	Dr. K. Lokeshwaran	International Research Journal of Multidisciplinary Scope	Scopus	TS-AODV: Leveraging Trust for Secure Routing in Manets	https://doi.org/10.47857/irjms.2024.v05i04.01440
8	Mr. Arockiaraj Abraham	International Research Journal of Multidisciplinary Scope	Scopus	Serverless Data Processing System and its Design Space Consideration	https://doi.org/10.47857/irjms.2024.v05i04.01194
9	Dr. K. Lokeshwaran	Internet Technology Letters	Scopus	Internet of Things Integrated Deep-Learning Algorithms Monitoring and Predicting Abnormalities in Agriculture Land	https://onlinelibrary.wiley.com/doi/10.1002/itl2.607
10	Mr. A. Kalyan Kumar	Bulletin of Electrical Engineering and Informatics	Scopus	An opinionated sentiment analysis using a rule-based method	https://doi.org/10.11591/eei.v14i1.8568
11	Mrs. Roopa. R	Advances in Nonlinear Variational Inequalities	Scopus	Automated Sleepiness Detection via EEG Brainwave Analysis: A Nonlinear Ensemble Approach with Optimized Hyper-Tuning Strategies	https://internationalpubls.com/index.php/anvi/article/view/2005/1270
12	Mrs. K. Pugazharasi	MethodsX	Scopus	Enhancing glaucoma diagnosis: Generative adversarial networks in synthesized imagery and classification with pretrained MobileNetV2	https://www.sciencedirect.com/science/article/pii/S2215016124005673
13	Dr. S. Kusuma	SN Computer Science	Scopus	Optimized Neural Network for Automated Cardiovascular Disease Classification: Meta-heuristic Enabled Model	https://doi.org/10.1007/s42979-024-03551-4

14	Mrs. Roopa. R	Journal of Machine and Computing	Scopus	Enhanced Phishing URL Detection Using a Novel GRU-CNN Hybrid Approach	https://anapub.co.ke/journals/jmc/jmc_pdf/2025/jmc_volume_5-issue_1/JMC202505007.pdf
15	Dr. S. Gopalakrishnan	International Journal of Neutrosophic Science	Scopus	UNCA: A Neutrosophic-Based Framework for Robust Clustering and Enhanced Data Interpretation	https://www.americaspg.com/articleinfo/21/show/3429
16	Dr. M.Kiran Kumar	Journal of Information Systems Engineering and Management	Scopus	Automated Classification of Coloboma Subtypes Using InceptionV3 Algorithm on Optical Coherence Tomography Images	https://jisem-journal.com/index.php/journal/article/view/1173/448