MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
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Department of Computer Science & Engineering

AY: 2023 – 24 Faculty Journal Publication

S. No.	Name of Faculty	Designation	Title	Journal name	Month of Publication	Volume	Issue	DOI	ISSN	Indexed
1	Prof. Goutam Chakraborty	Distinguished Professor and Dean	A Novel Precomputed Optimal Procrastination Time Interval for Re-Clustering to Maximize Operation Time of Wireless Sensor Networks	IEEE TRANSACTIONS ON NETWORK AND SERVICE MANAGEMENT	September 2023	20	3	https://doi.org/10.1109/TNSM.2022.3229740	1932-4537	SCI
2	Dr. R. Kalpana	Professor & Head	Analysis on quantum reinforcement learning algorithms for prediction of protein sequence	Optical and Quantum Electronics	January 2024	56	-	https://doi.org/10.1007/s11082-023-06244-z	3068919	SCI
3	Dr. R. Kalpana	Professor & Head	Internet of Things (IOT) Based Machine Learning Techniques for Wind Energy Harvesting	Electric Power Components and Systems - Taylor & Francis	December 2023	-	-	https://doi.org/10.1080/15325008.2023.2293952	1532-5016	SCI

	Name	Designation	Title	Journal	Month/Year			DOI	ISSN	Indexing
4	Dr.R.Nidhya	Professor	Hybrid Tasmanian Devil and Improved Simulated Annealing-Based Clustering Algorithm for Improving Network Longevity in Wireless Sensor Networks (WSNs)	Wireless Personal Communications	August 2023	132	-	https://doi.org/10.1007/s11277-023-10674-z	-	SCI
5	Dr. G. Arun Kumar	Assoc. Professor	LCO–EGC: levy chaotic optimization-based enhanced graph convolutional network for monitoring health of sports athletes	Wireless Networks	October 2023	-	-	https://doi.org/10.1007/s11276-023-03574-4	-	SCI
6	Dr. R. Sudhakar	Assoc. Professor	Classification of brain tumours from MRI images using deep learning-enabled hybrid optimization algorithm	Network: Computation in Neural Systems	November 2023	34	4	https://doi.org/10.1080/0954898X.2023.2275045	0954898X, 3616536	SCI
7	Dr. K. Sudhakar	Sr. Asst. Professor	Optimized feature selection-driven convolutional neural network using gray level co-occurrence matrix for detection of cervical cancer	Open Life Sciences	November 2023	18	1	10.1515/biol- 2022-0770	-	SCI
8	Dr. R. Sundar	Assistant professor	Design Energy Aware Optimized Grey Wolf Based Recurrent Neural Scheme for Bio Medical Application in Wireless Sensor Platform	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	August 2023	11	10	https://ijisae.org/index.php/IJISAE/article/view/3314	2147-6799	Scopus

9	Dr. R. Sundar	Assistant professor	Electronic Health Record Sharing in Cloud Computing with Privacy and Security Preservation Using Blockchain Technology	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	July 2023	11	10	https://iji sae.org/i ndex.php /IJISAE/ article/vi ew/3295	2147-6799	Scopus
10	Dr. R. Sundar	Assistant professor	Heart Disease Detection by Machine Learning System	International Journal on Recent and Innovation Trends in Computing and	October 2023	11	10	https://do i.org/10. 17762/ijr itcc.v11i 10.8749	2321-8169	Scopus
11	Dr. R. Sundar	Assistant professor	Detection of Breast Cancer using Deep Learning Techniques	International Journal on Recent and Innovation Trends in Computing and	October 2023	11	10	https://do i.org/10. 17762/ijr itcc.v11i 10.8744	2321-8169	Scopus
12	Dr. R. Sundar	Assistant professor	An Effective Twitter Spam Detection Model using Multiple Hidden Layers Extreme Learning Machine	International Journal of Intelligent Systems And Applications In Engineering	September 2023	12	1	https://iji sae.org/i ndex.php /IJISAE/ article/vi ew/3389/	2147-67992147	Scopus
13	Mr. Mohan.M	Assistant professor	XAutn: Blockchain-based cross domain authentication for digital certificates in the education sector	Journal of Intelligent & Fuzzy Systems	November 2023	-	-	10.3233/ JIFS-235140	1064-1246	SCI
14	Mr.S.Srinivas Kumar	Assistant professor	Optimized Fuzzy C-Means (Fcm) Clustering For High-Precision Brain Image Segmentation And Diagnosis Using	Journal of Theoretical and Applied Information Technology	December 2023	101	24	https://w ww.jatit. org/volu mes/Vol 101No24 /23Vol10 1No24.p	1992-8645	Scopus

15	Mr.Mohamed Yousuff A.R	Assistant professor	Leveraging deep learning models for continuous glucose monitoring and prediction in diabetes management: towards enhanced blood sugar control	International Journal of System Assurance Engineering and Management	January 2024	-	-	https://doi.org/10.1007/s13198-023-02200-y	0976-4348	SCI
16	Ms.Ramya Palaniappan	Assistant professor	UNVEILING THE COMPLEXITY: UNDERSTANDING CLEFT LIP ANOMALIES: A REVIEW	Community Practioner	December 2023	20	12	https://www.researchgate.net/publication/376808324_UNVEILING_THE_COMPLEXITY_UNDERSTANDING_CLEFT_LIP_ANOMALIES_A_REVIEW	1,46,22,815	Scopus
17	Mr. G.Muthugurunathan	Assistant professor	Predictive Analytics in Stock Markets: Unleashing the Power of IoT and Machine Learning	International Journal of Intelligent Systems And Applications In Engineering	January 2024	12	12	https://ijisae.org/index.php/IJISAE/article/vi	2147 — 6799	Scopus
18	Mr. B. Bhaskar	Assistant professor	Protectors of the Android Domain: Research into Mobile Malware Detection and	International Journal of Intelligent Systems And Applications In Engineering	December 2023	12	1	https://ijisae.org/index.php/IJISAE/article/vi	2147 — 6799	Scopus
19	Mrs. V. Nirupa	Assistant professor	Detection and Classification of Diabetic Retinopathy Using Inception V3 and Xception Architectures	International Journal of Nutrition, Pharmacology, Neurological Diseases.	March 2024	14	1	https://journals.lww.com/ijnp/fulltext/2024/14010/detection_and_classification_of_diabetic 16.asp x	2231-0738	Scopus

20	Mr. K H Shabbeer Basha	Assistant professor	Analysis of Voltage Source Inverter with Photovoltaic Renewable Energy Source for Improving Power Quality in Solar	International Journal of Intelligent Systems and Applications in Engineering	January 2024	12	11	https://ijisae.org/index.php/IJISAE/article/view/4429	2147-6799	Scopus
21	Mrs. Deepthi. P	Assistant professor	Comparative study on Machine learning and Fuzzy logic based approach for enhancing Credit Card Fraud Detection.	International Journal of Intelligent Systems and Applications in Engineering	January 2024	12	12	https://ijisae.org/index.php/IJISAE/article/view/4504	2147-6799	Scopus
22	Mrs.ThripthiP. Balakrishnan	Assistant professor	Enhancing the Food Processing in Industry 5.0 based on Artificial Intelligence.	International Journal of Intelligent Systems and Applications in Engineering	January 2024	12	12	https://ijisae.org/index.php/IJISAE/article/view/4508 -	2147-6799	Scopus
23	Dr. R. Sundar	Assistant professor	Future directions of artificial intelligence integration: Managing strategies and opportunities	Journal of Intelligent & Fuzzy Systems	March 2024	46	3	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs238830	1875-8967	SCI
24	Dr. R. Sundar	Assistant professor	Cloud computing encrypted image retrieval strategy in cloud computing using a hybrid optimization algorithm	Journal of Intelligent & Fuzzy Systems	March 2024	46	3	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs237948	1875-8967	SCI

25	Mr.Mohan	Assistant Professor	Hybrid deep learning enabled breast cancer detection using IMAGES	Biomedical Signal Processing and Control	April 2024	95	-	https://doi.org/10.1016/j.bspc.2024.106310	1746-8108	SCI
26	Mr. Syed Abuthahir S	Assistant professor	Intelligent-of- things multi-agent system for smart home energy monitoring	Indonesian Journal Of Electrical Engineering and Computer Science	May 2024	34	3	10.11591/ijeecs.v34.i3.pp18 58-1867	ISSN:185 8-1867	Scopus
27	Mr.J.Nagaraj	Assistant professor	Improving The Cross-Layer Functionality To Overcome The Collision In Mobile Adhoc Network	Journal of Theoretical and Applied Information Technology	April 2024	102	8	http://www.jatit.org/volumes/Vol 102No8/10Vol10	1992-8645	Scopus
28	Mr.M.Rajasekaran	Assistant professor	A Review of Power Management Approaches for Mobile Ad Hoc Networks	Journal Européen des Systèmes Automatisés	February 2024	57	1	18280/jesa.57011 4	2116-7087	Scopus
29	Mr.M.Rajasekaran	Assistant professor	White Hole Attacker Detection In Mobile Adhoc Network	Journal of Theoretical and Applied Information Technology	March 2024.	102	6	https://www.jatit.org/volumes/Vol 102No6/23Vol10 2No6.pdf	1992-8645	Scopus

30	Mrs. M. Bommy	Assistant professor	Consistency, local stability, and approximation of Shapash explanation	TELKOMNIKA Telecommunication Computing Electronics and Control	June 2024	22	3	http://doi.org/10.12928/telkomnika.v22i3.25560	1693-6930	Scopus
31	Mr.B.Anandaraj	Assistant professor	Enhancing MANET Battery Life and Performance Using Cluster Node	International Journal of Engineering Trends and Technology	May 2024	72	5	https://doi.org/10.14445/22315381/IJETT-V72I5P13 7	2231–5381	Scopus
32	Mrs.Sangeetha Murugan	Assistant professor	Early prediction of chronic heart disease with recursive feature elimination and supervised learning techniques	IAES International Journal of Artificial Intelligence (IJ-AI)	March 2024	13	1	http://doi.org/10.11591/ijai.v13.i1.pp7 30-736	ISSN: 2252-8938	Scopus

SCI - 12
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Total = 32

Research coordinators