



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi

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## Department of Computer Science & Technology

### Details of Journal Publications(A.Y 2022-23)


S.No.	Faculty Name	Co-Authors	Paper Title	Name of the Journal	Indexing	Impact Factor	DOI	Citations
1	Dr.Praveena.N	Kapil Juneja, Mamoon Rashid, Alaa omran, Kaushik sekaran, rajakumar ramalingam, muhammad Usman	Hybrid gated recurrent unit and conventional neural network based deep learning mechanism for efficient shilling attack detection in social networks	Computers and electrical engineering	SCIE	4.152	<a href="https://doi.org/10.1016/j.compeleceeng.2023.108673">https://doi.org/10.1016/j.compeleceeng.2023.108673</a>	1
2	Dr.Rajakumar.R	Kuppusamy, P., Kumari, N.M.J., Alghamdi, W.Y., Alyami, H., Javed, A.R. and Rashid, M	Job scheduling problem in the fog cloud based environment using reinforced social spider optimization	Journal of cloud computing	SCIE	3.895	<a href="https://doi.org/10.1186/s13677-022-00380-9">https://doi.org/10.1186/s13677-022-00380-9</a>	18
3	Dr.Manikandan R	Buradagunta, S., Almeshari, M., Alzamil, Y., Ramalingam, R. and Ravi, V	An Efficient Framework to Detect Intracranial Hemorrhage Using Hybrid Deep Neural Networks	Brain sciences	SCIE	3.333	<a href="https://doi.org/10.3390/brainsci13030400">https://doi.org/10.3390/brainsci13030400</a>	4

S.No.	Faculty Name	Co-Authors	Paper Title	Name of the Journal	Indexing	Impact Factor	DOI	Citations
4	Dr.Rajakumar R	Dinesh.K, Balakrishnan A, Rashid M, Dumka A, Afifi A	OGWO-CH: Hybrid Opposition-Based Learning with Gray Wolf Optimization Based Clustering Technique in Wireless Sensor Networks	Electronics	SCI	3.252	<a href="https://doi.org/10.3390/electronics11162593">https://doi.org/10.3390/electronics11162593</a>	1
5	Dr.Rajakumar R	Muniyan R, Dumka A, Singh DP, Mohamed HG, Singh R, Anand D, Noya	Routing Protocol for MANET based on QoS-aware Service Composition with Dynamic Secured Broker Selection	Electronics	SCI	3.252	<a href="https://doi.org/10.3390/electronics11172637">https://doi.org/10.3390/electronics11172637</a>	13
6	Dr.RajaKumar R	Sethuraman SK, Malaiyappan N, Basheer S, Rashid M, Ahmad N	Predicting Alzheimer's Disease Using Deep Neuro-Functional Networks with Resting-State fMRI	Electronics	SCIE	3.252	<a href="https://doi.org/10.3390/electronics12041031">https://doi.org/10.3390/electronics12041031</a>	5
7	Dr.Rajakumar R	Dinesh.k, Alshamrani, S.S., Rashid, M., Mathumohan, S. and Dumka, A	Oppositional Pigeon Inspired Optimizer for Solving Non-Convex Economic Load Dispatch Problem in Power Systems	Mathematics	SCI	2.84	<a href="https://doi.org/10.3390/math10183315">https://doi.org/10.3390/math10183315</a>	2
8	Dr.Rajakumar R.	Muniyan, Rajeswari, Sultan S. Alshamrani, Durgaprasad Gangodkar, Ankur Dumka, Rajesh Singh, Anita Gehlot, and Mamoon Rashid.	Artificial Bee Colony Algorithm with Nelder-Mead Method to Solve Nurse Scheduling Problem.	Mathematics	SCI	2.542	<a href="https://doi.org/10.3390/math10152576">https://doi.org/10.3390/math10152576</a>	1

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9	Dr.RajaKumar R.	Thirugnanasambandam, K., Mohan, D., Rashid, M., Juneja, K.,Alshamrani	Patron-Prophet Artificial Bee Colony Algorithm for Continuous Optimization	Axioms	SCI	1.824	<a href="https://doi.org/10.3390/axioms11100523">10.3390/axioms11100523</a>	5
10	Dr.Rajakumar R.	Muniyan Rajeswari, ShakilaBasheer,KeerthiSamhithaBabu Mamoon Rashid,Ramar Saranya	"Multi-Objective ABC-NMAAlgorithmforMulti-Dimensional Combinatorial OptimizationProblem"	Axioms	SCIE	1.824	<a href="https://doi.org/10.3390/axioms12040395">https://doi.org/10.3390/axioms12040395</a>	-
11	Dr.M Sreedevi	Santosh Kumar Henge, Gitanjali Jayaraman R Rajakumar, Mamoon Rashid, Sultan S. Alshamrani, Mrim M. Alnfai and Ahmed Saeed AlGhamdi	Secure keys data distribution based user-storage-transit server authentication process model using mathematical post-quantum cryptography methodology Quantum-Inspired Owl Search Algorithm with Ensembles	Networks and Heterogeneous Media	SCI	1.41	<a href="https://doi.org/10.3934/nhm.2023057">10.3934/nhm.2023057</a>	-
12	Dr.Basabi Chakraborty	Ashis Kumar Mandal,Rikta Sen	Quantum-Inspired Owl Search Algorithm with Ensembles of Filter Methods for Gene Subset Selection from Microarray Data	International Journal of Pattern Recognition and Artificial Intelligence	SCI	1.261	<a href="https://doi.org/10.1142/S0218001423510011">10.1142/S0218001423510011</a>	-
13	Mr.Shankar M	Veena Prasad, Shikha Maheshwari, and Yashi Srivastava	Analyzing the Contribution of Digital Apps in the Food Delivery Systems	Telematique	ESCI / Scopus	-	<a href="https://www.provinciajournal.com/index.php/telematique/article/view/312">https://www.provinciajournal.com/index.php/telematique/article/view/312</a>	-
14	Dr.Shanthi S	Saradha, S., Smitha, J.A., Prasath, N. and Anandakumar, H	An efficient automatic brain tumor classification using optimized hybrid deep neural network	International journal of intelligent networks	Scopus/ESCI	-	<a href="https://doi.org/10.1016/j.ijin.2022.11.003">https://doi.org/10.1016/j.ijin.2022.11.003</a>	15

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15	Dr.Padma S	Sreekanth Reddy. B.	Regression based Machine Learning Model to Predict IPL Score after Power Play	Journal of Algebraic Statistics	WOS	-	<a href="https://www.publishoa.com/index.php/journal/article/view/1393">https://www.publishoa.com/index.php/journal/article/view/1393</a>	-
16	Dr.Shanthi S	Saradha S. Prasath. N.	Hybrid TABU search with SDS based feature selection for lung cancer prediction	International journal of intelligent networks	Scopus/ESCI	-	<a href="https://doi.org/10.1016/j.ijin.2022.09.002">https://doi.org/10.1016/j.ijin.2022.09.002</a>	3
17	Dr.Shanthi S	Akshaya, V.S., Smitha, J.A. and Bommy, M	Optimized Routing on Wireless Body Sensor Network Using Adaptive Lion Optimization Algorithm for IoT	International Journal of Electrical and electronics Engineering	ESCI	-	<a href="https://doi.org/10.14445/23488379/IJEEE-V9I12P117">10.14445/23488379/IJEEE-V9I12P117</a>	-
18	Dr.Basabi Chakraborty	Ryo Oikawa,Akio Doi, Masaru Ishid	Automatic detection and visualization system for coronary artery calcification using optical frequency domain imaging	Artificial Life and Robotics	ESCI	-	<a href="https://doi.org/10.1007/s10015-023-00854-2">10.1007/s10015-023-00854-2</a>	-

  
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## Department of Computer Science & Technology

### Details of Faculty Conference Publications (AY2022-23)

S. No.	Name of the faculty	Title of the paper	Title of the proceedings of the conference	Name of the conference	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Dr.Rajakumar.R	A review on Machine Learning based IDS approaches in Wireless sensor networks	ICACCS-2023	International Conference on Advanced Computing and Communication Systems	2023	979-8-3503-9737-6/23	MITS	IEEE Xplore
2	Mr.Naveen.V	The Current State of Software Engineering Employing Methods Derived from Artificial Intelligence and Outstanding Challenges	IEEE-IHCSP-2023	1st IEEE International conference on Innovations in High-Speed Communication and Signal Processing	2023	979-8-3503-4595-7 03/2023	MITS	IEEE Xplore
3	Dr.Praveena.N	Design of Secure QR Payment using Visual Cryptography Method	ICCCI-2023	International Conference on Computer Communication and Informatics	2023	979-8-3503-4821-7	MITS	IEEE Xplore

S. No.	Name of the faculty	Title of the paper	Title of the proceedings of the conference	Name of the conference	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
4	Dr.Praveena.N	Generic Algorithm for Controlling an Eye-Ball Based Cursor System	ICACRS-2022	International Conference on Automation, Computing and Renewable System	2022	978-1-6654-6083-5	MIT S	IEEE Xplore
5	Mr.Junnu Babu N	A review on Maching Learning and Deep Learning Methods to Fortify Cyberspace	ICCST-2022	1st International Conference on Computational Science and Technology	2022	615 978-1-6654-7655-3/22	MIT S	IEEE Xplore
6	Mr.Bhanu Rajesh Naidu	An Hybrid Authentication Mechanism for Cloud Server to Enhance the Computational Efficiency	ICERECT-2022	Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology	2022	978-1-6654-5635-7/22	MIT S	IEEE Xplore

  
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