

3.4.3 Details of research papers per teacher in CARE Journals notified on UGC website during the year

S.NO	Name of the Author(s)	Department of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN	Link to the notification in UGC enlistment of the Journal
1	Dr.K.Kiruthika Devi	INT,ECE	Bio-Inspired Algorithm Based Undersampling Approach and Ensemble learning for Twitter Spam detection	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems,Vol.32,No.1, Page No 1-20	2024 Jan	0218-4885	https://www.worldscientific.com/doi/10.1142/S021848852350001
2	Gobalakrishnan Natesan	INT	DeepLG SecNet: utilizing deep LSTM and GRU with secure network for enhanced intrusion detection in IoT environments	Cluster Computing, DoI: https://doi.org/10.1007/s10586-023-04223-3	Jan' 2024	1386-7857	DeepLG SecNet: utilizing deep LSTM and GRU with secure network for enhanced intrusion detection in IoT environments Cluster Computing (springer.com)
3	Gobalakrishnan Natesan	INT	Efficient resource allocation in heterogeneous clouds: genetic water evaporation optimization for task scheduling	Signal, Image and Video Processing, Vol. 18, Issue No. 5, PP. 3993-4002. DoI: https://doi.org/10.1007/s11760-024-03006-6	Mar' 2024	1863-1711	Efficient resource allocation in heterogeneous clouds: genetic water evaporation optimization for task scheduling Signal, Image and Video Processing (springer.com)
4	Gobalakrishnan Natesan	INT	Task scheduling based on minimization of makespan and energy consumption using binary GWO algorithm in cloud environment	Peer-to-Peer Networking and Applications, Vol. 16, Issue No. 5, PP. 2560-2573	Aug'2023	1936-6442	Task scheduling based on minimization of makespan and energy consumption using binary GWO algorithm in cloud environment Peer-to-Peer Networking and Applications (springer.com)
5	A.Kala	INT	Digital Certificate Verification in Educational Sector Using Non-Interactive Zero Knowledge Proof and Blockchain	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	Jun-24	1016-2364	https://journal.iis.sinica.edu.tw/paper/1/230619-1.pdf?ed=5F313011F9090A397
6	K.Suresh	INT	ANALYSIS OF INTERFACIAL HEAT TRANSFER COEFFICIENTS IN SQUEEZE CASTING OF AA6061 ALUMINUM ALLOY WITH H13 STEEL DIE Impact of Section Thickness on Thermal Behavior	THERMAL SCIENCE ,VOLUME 28, Issue 1, PAGES [223 - 232]	Feb-24	2334-7163	https://thermalscience.vinca.rs/2024/1/18
7	Sharon Femi P, Kala A, Vidhya V	INT,ECE,CSE	The influence of feature grouping algorithm in outlier detection with categorical data	ACTA SCIENTIARUM-TECHNOLOGY, Vol. no, 46, Issue no. 1 (1-9).	2024	1806-2563	https://doi.org/10.4025/actascitechnol.v46i1.66902
8	Ranjith V*, Yaashuwanth C,	INT	Energy Efficient and Reliable High Quality Video Transmission Architecture for Wireless Sensor Networks	Technical Gazette, ISSN 1330-3651 (Print), ISSN 1848-633.	2023	1848-633.	https://hrcak.srce.hr/file/457185
9	Ranjith V	INT	Improving Quality of Service(QoS) in Wireless Multimedia Sensor Networks using Epsilon Greedy Strategy	Measurement Science Review, ISSN 1335-8871, Vol. no.3,113-117	2024	1335-8871	https://www.measurement.sk/2024/msr-2024-0016.pdf
10	N.Selvaganesh	INT	An Articulate Heart Attack Detection System Using Mine Blast Optimization (MBO) Based Multilayer Perceptron Neural Network (MLPNN) Model	Iraqi Journal for Computer Science and Mathematics, Volume 4, Issue 2, Pg.143-155	2023	2788-7421	https://journal.esj.edu.iq/index.php/IJCM/article/view/519

11	N.Selvaganesh	INT	A Novel Biased Probability Neural Network (BPNN) and Regularized Extreme Learning Machine (RELM) based Hearing Loss Prediction System	Iraqi Journal for Computer Science and Mathematics, Volume 4, Issue 2, Pg.56-71	2023	2788-7421	https://journal.esi.edu.iq/index.php/IJCM/article/view/520
12	Krishnamoorthy Suresh, Venugopal Ranjith	INT	Enhanced Metaheuristic Algorithm-Based Load Balancing in a 5G Cloud Radio Access Network	MDPI-Electronics	2022	2079-9292	https://www.mdpi.com/2079-9292/11/21/3611
13	A Kala, P Sharon Femi	INT	Face Mask Detection and Social Distance Monitoring with Deep Learning	Indian Journal of Science and Technology, Volume: 16, Issue: 25, Pages: 1888-1897	2023	0974-6846	https://indjst.org/articles/face-mask-detection-and-social-distance-monitoring-with-deep-learning
14	Thiyagarajan Annamalai	INT	A Hybrid Model Particle Swarm Optimization Based Mammogram Classification Using Kernel Support Vector Machine	Traitement du Signal Vol. 39, Issue No. 3, pp. 915-922	2022	0765-0019	https://www.iieta.org/journals/ts/paper/10.18280/ts.390317
15	C. Yaashuwanth	INT	Analysis of Brushless DC Motor using Enhanced FOPID controller and ALO Algorithm	Intelligent automation and Soft Computing Vol 34 No 1 PP 543-557	2022	2326-005X	IASC Analysis of Brushless DC Motor Using Enhanced Fopid Controller with ALO Algorithm (techscience.com)
16	Indumathi A	INT	Detecting Malware Infected Machines with Digital Forensic Analysis	Computer Integrated Manufacturing System	2022	1006-5911	http://cims-journal.com/index.php/CN/article/view/447
17	Gobalakrishnan Natesan	INT	Multi-objective moth swarm based saifish model for optimal routing in wireless sensor network	Concurrency and Computation: Practice and Experience, Vol. No 34, Issue No 21	2022	1532-0634	https://onlinelibrary.wiley.com/doi/10.1002/cpe.7125
18	Gobalakrishnan Natesan,	INT	Optimization techniques for task scheduling criteria in IaaS cloud computing atmosphere using nature inspired hybrid spotted hyena optimization algorithm	Concurrency and Computation: Practice and Experience, Vol. No 34, Issue No 24	2022	1532-0634	Optimization techniques for task scheduling criteria in IaaS cloud computing atmosphere using nature inspired hybrid spotted hyena optimization algorithm - Natesan - 2022 - Concurrency and Computation: Practice and Experience - Wiley Online Library
19	Gobalakrishnan Natesan,	INT	HFTO: Hybrid Firebug Tunicate Optimizer for Fault Tolerance and Dynamic Task Scheduling in Cloud Computing	Wireless Personal Communications, Vol. No 129, Issue No 1, pp. 323-344	2023	0929-6212	HFTO: Hybrid Firebug Tunicate Optimizer for Fault Tolerance and Dynamic Task Scheduling in Cloud Computing SpringerLink
20	Gobalakrishnan Natesan	INT	DCCWOA: A multi-heuristic fault tolerant scheduling technique for cloud computing environment	Peer-to-Peer Networking and Applications, Doi: https://doi.org/10.1007/s12083-022-01445-x	2023	1936-6442	DCCWOA: A multi-heuristic fault tolerant scheduling technique for cloud computing environment SpringerLink

21	N. Gobalakrishnan	INT	An Efficient Task Scheduling Based on Hybrid Bird Swarm Flow Directional Model in Cloud Computing Environment	IETE Journal of Research, Doi: https://doi.org/10.1080/03772063.2022.2108919	2023	0377-2063	An Efficient Task Scheduling Based on Hybrid Bird Swarm Flow Directional Model in Cloud Computing Environment: IETE Journal of Research: Vol 0, No 0. (tandfonline.com)
22	Gobalakrishnan Natesan	INT	Task Scheduling Based on Cost and Execution Time Using Ameliorate Grey Wolf Optimizer Algorithm in Cloud Computing	International Journal of Intelligent Engineering and Systems, Vol. No 16, Issue No 3, pp. 417-427	2023	21853118	2023063033-1.pdf (inass.org)
23	Dr.K.Suresh	INT	A logical remote sensing based disaster management and alert system using AI-Assisted internet of things technology	<i>Remote Sens Earth Syst Sci</i> 7, 457–471 (2024). https://doi.org/10.1007/s41976-024-00139-7	2025	25208195	A Logical Remote Sensing Based Disaster Management and Alert System Using AI-Assisted Internet of Things Technology Remote Sensing in Earth Systems Sciences (springer.com)
24	Dr.K.Suresh	INT	Multimodal Brain Tumor Classification using Capsule Convolution Neural Network with Differential Evolution Optimization process	Measurement Science Review VOLUME 24 (2024): ISSUE 6 (DECEMBER 2024)	2025	13358871	MSR Template 2023 Word (measurement.sk)
25	Dr.C.Yaashuwanth	INT	Secured energy optimization of wireless sensor nodes on edge computing platform using hybrid data aggregation scheme and Q-based reinforcement	Sustainable Computing: Informatics and Systems, Volume 45, 2025,	2025	2210-5379	Secured energy optimization of wireless sensor nodes on edge computing platform using hybrid data aggregation scheme and Q-based reinforcement learning technique - ScienceDirect