

Department of Information Science and Engineering
JOURNAL Publication details JULY 2024- JUNE2025

S.I No	Authors (Listed as published in the article)	Title	Journal Name	ISSN	Q1/Q2/Q3/Q4/NA	DOI/Link
1	MS Sannidhan, Jason Elroy Martis, KN Pallavi, Vinayakumar Ravi c,* HL Gururaj b, Tahani Jaser Alahmadi	Genetic algorithms and deep learning for unique facial landmark-based key generation	Computers and Electrical Engineering	0045-7906	Q1	https://doi.org/10.1016/j.compeleceng.2024.109427
2	Santhosh S, Vamshi Krishna B*, Lakshmi Prasad Mudarakola, Saptarshi Mukherjee, Mannava Yesubabu and Vikas Sharma	An Energy-Balance Clustering Routing Protocol for Intra-Body Wireless Nanosensor Networks	International Journal of Sensors, Wireless Communications and Control	2210-3287	Q4	https://doi.org/10.2174/0122103279318474240705104252
3	Ramyashree, Venugopala P.S., Raghavendra S,Ashwini B	CrypticCare: A Strategic Approach to Telemedicine Security Using LSB and DCT Steganography for Enhancing the Patient Data Protection	IEEE Access	2169-3536	Q1	https://doi.org/10.1109/ACCESS.2024.3430546
4	Sneha Nayak, Roopa B Hegde, Abhishek S Rao, HK Sachidananda	Revitalizing agriculture with the potential of cashew nutshell liquid: a comprehensive exploration and synergy with AI	Discover Applied Sciences	3004-9261	Q1	https://doi.org/10.1007/s42452-024-06258-6
5	Sathyanarayana, N.P., Pandith, K., Koti, M.S., Thinakaran, R.	Automatic Personality Recognition in Videos using Dynamic Networks and Rank Loss	International Journal of Advanced Computer Science and Applications	2156-5570		https://doi.org/10.14569/IJACSA.2024.0150591
6	Abhishek S. Rao, B. H. Karthik Pai, K. Adithi, Lakshmi Belur Keshav, Karan Malhotra, Sneha Nayak & H. K. Sachidananda	Scoring model for exploring factors influencing mortality in dengue patients at a tertiary care hospital: a retrospective study	Discover Applied Sciences	3004-9261	Q1	https://doi.org/10.1007/s42452-024-06302-5

7	Usha Divakarla, K Chandrasekaran, K Hemanth Kumar Reddy	Using Jiff For Collaborative Medical Data Analysis With Secure Multiparty Computation	Proceedings on Engineering Sciences	2620-2832	Q3	https://doi.org/10.24874/pes07.01d.022
8	Krishna Kumar P, Gaddam Lokeshwar, Chamakura Uday Kiran Reddy, Arunjyotis, Nagaraja Shetty*, Shahabaz S M* and Tanzila Nargis	Experimental investigation of mechanical properties and morphology of ramie, bamboo, and ramie-bamboo hybrid composites with silicon carbide and alumina nano-	Materials Research Express	20531591	Q2	https://iopscience.iop.org/article/10.1088/2053-1591/adb2e3
9	Vasanth Nayak, Dr Sumathi*, Sunil KUMar BL	Hybrid chaotic bat artificial bee colony algorithm assisted hybrid machine learning based intrusion detection system	Fusion: Practice and Applications (FPA)	2692-4048	Q4	https://doi.org/10.54216/FPA.190204
10	P. Sowmya, Vasudeva, Manjula Gururaj Rao	Trustworthiness Metrics for Measuring Efficiency of Chatbots - A Systematic Review	SSRG International Journal of Electrical and Electronics Engineering	2348-8379	Q4	https://doi.org/10.14445/23488379/IJEEE-V12I4P109
11	Abhishek S. Rao, B. H. Karthik Pai, K. Adithi, Rathika Shenoy, Sneha Nayak	Comprehensive review and early detection strategies for severe fever with thrombocytopenia: insights from epidemiology, diagnostics, and evolving research with machine learning	VirusDisease	2347-3517	Q2	https://doi.org/10.1007/s13337-025-00920-2
12	NJ Avinash, Krishnaraj Rao, Rama Moorthy, B Raviprakash, KR Raghunadan, Vasudeva, M Venkatadri	A Novel Automatic Text Document Classification Using Learning based Text Classification(LbTC) Approach	Procedia Computer Science	18770509	Q2	https://doi.org/10.1016/j.procs.2025.04.677
13	Bhavya Kallapu, Avinash Nanda Janardhan, Rama Moorthy Hejamadi, Krishnaraj Rao Nandikoor Shrinivas, Saritha, Raghunandan Kemmannu Ramesh, Lubna A Gabralla	Multi-Layered Security Framework Combining Steganography and DNA Coding	Systems	NA	Q2	https://doi.org/10.3390/systems13050341
14	Vani, E.S., Gururaj, H.M. & Karunakara Rai	HCVINet: A Multimodal Deep Learning approach for Medicinal Plant Classification Using Visual and Semantic Features	SN Computer Science; Springer	2662995X	Q2	https://doi.org/10.1007/s42979-025-04099-7

15	<u>Behera, Ranjit Kumara;Manjula Gururaj H;Roy, Diptendu Sinha,Tripathy, Siba</u>	An Intelligent Completion Time Aware Task Scheduling (CTATS) Algorithm for Fog Computing Environment for Delay Sensitive IoT Applications	Procedia Computer Science	18770509	Q2	https://doi.org/10.1016/j.procs.2025.04.437
16	<u>Kumar Reddy, K Hemant,Gururaj, Manjula H, Bailayar Singh, Raj Kumara</u>	An Ensemble Learning based Energy Forecasting Model: A Sustainable Home Energy Management System for Smart City	Procedia Computer Science	15513203	Q2	https://doi.org/10.1109/TII.2024.3505429
17	Rama Moorthy, Hejamadi,Avinash N.J,Krishnaraj Rao N.S, Raghunandan K.R.,Dodmane, Radhakrishna,Blum, Jeremy Joseph,Gabralla, Lubna A	Dual stream graph augmented transformer model integrating BERT and GNNs for context aware fake news detection	Scientific Reports	20452322	Q1	https://doi.org/10.1038/s41598-025-05586-w
18	Vasudeva Pai, B. H Karthik Pai, G. S Sudhiksha, Vandya Kamath, K. Varsha, S. Manjunatha	Systematic Approach for Malware Detection in IoT Devices: Enhancing Security and Performance	International Journal of Computational Intelligence Systems	18756883, 18756891	Q2	- https://doi.org/10.1007/s44196-025-00939-9