

Journal 2024-25

Name of the faculty	Journal	Indexing
Dr Subhankar Joardar	Subhnananda Goswami, Sukumar Mondal, Subhankar Joardar and Sovan Samanta, “Fuzzy-based Bi-objective Energy Efficient Routing Protocol for Large Scale Mobile Ad-hoc Network”, International Journal of Intelligent Systems and Applications, 2024, 6, 94-104, DOI: 10.5815/ijisa, DEC 2024, (SCOPUS), (IF : .726)	SCOPUS
Dr Subhankar Joardar	Subhnananda Goswami, Sukumar Mondal, Subhankar Joardar , and Chandan Bikash Das, “Multi-objective function-based optimal path selection for energy efficient routing in MANET using fused locust swarm and dragonfly optimization strategy”, Intelligent Decision Technologies, https://doi.org/10.1177/18724981241289763 , SEP 2024, (SCOPUS), (IF: .8)	SCIE
Dr Subhankar Joardar	Subhnananda Goswami, Sukumar Mondal, Subhankar Joardar , Bhavna Ambudkar, chandan Bikash Das, Sovan Samanta, and Antonios Kalampakas, “Fuzzy Inference System-Based Performance Analysis of Different Mobility Nodes on MANET “, International Journal of Fuzzy Logic and Intelligent Systems, Vol. 25, No. 1, March 2025, pp. 112-123, http://doi.org/10.5391/IJFIS.2025.25.1.112 , MAR 2025, (SCOPUS), (IF: .33)	SCOPUS
Dr Subhankar Joardar	Sk Maidul Islam, Subhankar Joardar , and Arif Ahmed Sekh.BangleFIR: bridging the gap in fashion image retrieval with a novel dataset of bangles. Multimed Tools Appl 84, 18481–18497 (2025). https://doi.org/10.1007/s11042-024-19698-4 . (SCIE)	SCIE
Dr Sabyasachi Pramanik	Maity, A., Roy, A., Kumar, S., Pramanik, S. , Pattanayak, P., & Chakraborty, M. (2025). A Hybrid Machine Learning Approach to Power Load Optimization and Emission Reduction in Rural Microgrids. Engineering Proceedings, 93(1), 21. https://doi.org/10.3390/engproc2025093021	SCOPUS
Dr Sabyasachi Pramanik	Roy, A., Pramanik, S. , Mitra, K. et al. An optimal data analytics model for accurate projection of CI engine performance and emission reduction in hybrid fuel mode. Environ Dev Sustain (2025). https://doi.org/10.1007/s10668-025-06130-6	SCIE
Dr Sabyasachi Pramanik	Pramanik, S. Implementation of ANN and response surface method for dual-fuel CI engine optimization and prediction using water infusion and biofuel, Multimedia Tools and Applications, 2025, https://doi.org/10.1007/s11042-025-20623-6	SCIE
Dr. Arindam Giri	Abhirup Paria, Arindam Giri , Subrata Dutta, Sarmistha Neogy, “Smart Irrigation for Coriander Plant: Saving Water with AI and IoT”, Water Resources Management, Springer Nature. DOI: https://doi.org/10.1007/s11269-025-04112-x (SCIE)	SCIE
Palash Ray	Ray, Palash , Debasis Giri, Mohammad S. Obaidat, Manasi Jana, Mahuya Sasmal, and Mohammed JF Alenazi. "GPNST: An Improved Graphical Password Authentication Scheme Leveraging Neural Style Transfer Technique on Smartphones." International Journal of Information Security 24, no. 3 (2025): 138. (SCIE)	SCIE
Mahuya Sasmal	Ray, Palash, Debasis Giri, Mohammad S. Obaidat, Manasi Jana, Mahuya Sasmal , and Mohammed JF Alenazi. "GPNST: An Improved Graphical Password Authentication Scheme Leveraging Neural Style Transfer Technique on Smartphones." International Journal of Information Security 24, no. 3 (2025): 138. (SCIE)	SCIE

Rajrupa Metia	Sachindeb Jana1*, Razia Sultana2, Rajrupa Metia 3, Kisalaya Chakrabarti4, Angsuman Sarkar, “Innovative Technique For Generation Of X-Ray Based On Molecular Quantum Harmonic Oscillator And Subsequent Application In Determination Of Carcinoma Of Lungs And Breast Cells Using Gold Nanowire Network” , Afr. J. Biomed. Res. Vol. 27(3s) (November 2024); 7062- 7076. https://africanjournalofbiomedicalresearch.com/index.php/AJBR	UGC CARE LIST
Rajesh Mukherjee	Bidesh Chakraborty, Rajesh Mukherjee , Sayan Das, “Gemstone Classification Using Deep Convolutional Neural Network”, Journal of The Institution of Engineers, Springer Nature, https://doi.org/10.1007/s40031-024-01003-4 , August 2024. (Scopus)	SCOPUS
Rajesh Mukherjee	Rishi Raj, Minakshi Sarkar, Rajesh Mukherjee , Bidesh Chakraborty, “Yogasana classification using Deep Neural Network: A Unique Approach”, CLEI Electronic Journal, Springer Nature, https://doi.org/10.1007/s40031-024-01003-4 , June, 2025. (Scopus)	SCOPUS
Sk Hojayfa Rahaman	Sk Hojayfa Rahaman , Manas Kumar Maiti. A hybridization of grey wolf optimizer and genetic algorithm for the traveling salesman problems. Soft Comput 28, 13127–13148 (2024). https://doi.org/10.1007/s00500-024-10340-x (SCI)	SCIE
Sk Hojayfa Rahaman	Sk Hojayfa Rahaman , Sukumar Mondal, Manas Kumar Maiti. A collaborative use of two metaheuristic methods using Q-learning for the travelling salesman problems in different fields: an application to smart home delivery system. Evol. Intel. 18, 53 (2025). https://doi.org/10.1007/s12065-025-01045-7 (SCEI)	SCIE
Tapas Saha	Tapas Saha , Prakash Chauhan, Kunal Pradhan and Sanjib K. Deka, “Priority-based subcarrier allocation algorithm for maximal network connectivity in 5G networks." Physical Communication, Elsevier. https://doi.org/10.1016/j.phycom.2024.102443 , July 2024. (SCIE)	SCIE
Dr. Santanu Koley	Swati Nitnaware, Seema P Nehete, Sonal Bawankule, Surekha Lanka, Priyanka Sujit Wani, Amitesh Das, Santanu Koley (2024) , Performance Analysis of a 5G Wireless Network for Vehicular Communication using Machine Learning, Afr. J. Biomed. Res. Vol. 27(6s) (December 2024); 01-08 Research Article.	UGC CARE LIST