Faculty Profile

Name: Mr. Joydeep Roy

Designation: Assistant Professor

Teaching Areas: Machine Learning, Deep Learning, Artificial intelligence, GenAI, Computer Networks, Cryptography, Data Wrangling, Programming in C/Python.

Research Interests: Machine Learning, Deep Learning, Attention Mechanisms, Transformers, Generative AI (GenAI), Computer Networks.

Education:

- M.Tech (Information Technology), IIEST Shibpur, West Bengal, 2024

- B.Tech (Computer Science and Engineering), Gauhati University, Assam, 2021

Research / Selected Publications:

- "Ensemble-Based Machine Learning Approach for Patient Health Monitoring", published in the International Journal of Computer Applications (IJCA), 2024.

- "A Modified Bi-LSTM Based Traffic Prediction Model for Future Generation Wireless Networks", presented at the International Conference on Frontiers in Computing and Systems (COMSYS), 2024.