

Electrical Engineering Department

Publications (2023-2024)

National Conference

1. Susovan Dutta, Bishaljit Paul, Barnali Kundu, Raju Basak, "Managing Flexibility with Uncertainty in Integrating Renewable Energy Sources into classical Grid", Third Regional Conclave of Students' Chapters (Eastern Region), Institution of Engineers (I), JIS College of Engineering (JISCE), West Bengal on 5th April, 2004.
2. Arpan Das, Barnali Kundu, Ankur vaibhav, Nivedita Saha, "Design and Development of an IOT Governed Smart Battery Management System", 14th Academic Meet Forum of Scientists, Engineers & Technologists (FOSET), held at JIS College of Engineering (JISCE), West Bengal on 12th May, 2024.
3. Arpan Das, Barnali Kundu, Eshita Das, Payel Chakraborty, Aritra Chowdhury, Susovan Dutta, "A Data-Driven Approach for Accurate Solar Power Forecasting", SERB Sponsored National Conference on Machine Learning In Healthcare Applications (MLHA-2024), GNIT, Kolkata, April, 2024.
4. Ramanuj Bhowmick, Soumyajit Pradhan, Ratnadip Dhali, Barnali Kundu, Susovan Dutta, Rikta Majumder, "Smart Energy Meter Utilizing Internet of Things (IOT) Technology", SERB Sponsored National Conference on Machine Learning In Healthcare Applications (MLHA-2024), GNIT, Kolkata, April, 2024.
5. Debarghya Roy, Akash Bhowmick, Arghyadeep Ghosh, Kumari Guria Rani, Aveek Chattopadhyaya, Susovan Dutta, "Third Eye for Blind Person", IEI Conclave Of Student's Chapter 2024, JIS College of Engineering, 2024, 05.04.2024 (Selected as Session Best Paper).
6. Shyamal Kumar Roy, Suman Ghosh, Aveek Chattopadhyaya, Amit Debnath, Chandrima Ghosh, Soumyajit Dasgupta, Souptik Chakraborty, "Smart Weight Monitoring System", SERB Sponsored National Conference on Machine Learning In Healthcare Applications (MLHA-2024), GNIT, Kolkata, pp. 114 -121, 19.04.2024.
7. Aveek Chattopadhyaya, Suparna Biswas, Antara Ghosal, Sayan Roy Chaudhuri, Vinayak Raj Gupta, Srikant Khator, "Wavelet Transform Based Statistical Analysis of ECG Signal for

Diagnosis of Sleep Apnea”, SERB Sponsored National Conference on Machine Learning In Healthcare Applications (MLHA-2024), GNIT, Kolkata, pp. 191 -196, 19.04.2024.

8. Sahil Mondal, Tushar Ghosh, Prasun Das, Amit Debnath and Susovan Dutta, “Three Phase Transmission Line Fault DetectionSystem”, Third regional conclave of Students’ Chapter (Eastern region) IEI, at JISCE, 5th April 2024.