

## **Electrical Engg Department**

### **Skills course**

1. PLC Programming for Beginners
2. Electric Workshop
3. Solar Panel

### **Paper publisher**

1. Mrs Sarika Sharma and Smarajit Ghosh , “Effective Design and Development of Hybrid ABC – CSO Based Capacitor placement with load Forecasting based on Artificial Neural Network” Assembly Automation , vol 39, issue 5, pp. 917-930, 2019.(SCIE Indexed ,impact factor 2.2
2. Mrs Sarika Sharma and Smarajit Ghosh ,” FIS and Hybrid ABC – PSO Based optimal capacitor placement and sizing for radical distribution network journal of ambient intelligence and humanized computing” , vol 11, pp. 901-916, 2020 .(SCIE Indexed ,impact factor” 4.594)
3. . Mrs Sarika Sharma and Smarajit Ghosh ,” Optimal planning and placement of capacitor in Distribution system Based on Particle Swarm and Hybrid- Bee Cuckoo search under varying load conditions” Journal of Energy Report ,(SCIE Indexed ,impact factor” 5.294)