

Batch 2023-27 Sem-6

B.Tech in EEE

Industry Oriented Mini Project/Internship

Sub-Code ELE313

Choose any one of the following 30 Project Topic

A. Power Systems & Electrical Projects

1. Power Distribution System Study
2. Substation Operation and Maintenance Study
3. Power Factor Improvement Techniques
4. Load Flow Analysis in Power Systems
5. Transmission Line Fault Detection
6. Power Quality Analysis in Industries

B. Renewable Energy Projects

7. Solar Power Generation System
8. Solar Panel Performance Analysis
9. Wind Energy Conversion System
10. Hybrid Solar-Wind Energy System
11. Solar Inverter Design and Study
12. Renewable Energy Monitoring System

C. Electrical Machines & Drives Projects

13. Induction Motor Performance Analysis
14. Transformer Testing and Analysis
15. DC Motor Speed Control
16. Synchronous Motor Performance Study
17. Motor Protection System
18. Electrical Machine Fault Detection

D. Industrial Automation & Control Projects

19. PLC Based Industrial Automation System
20. Automatic Street Light Control System
21. Smart Energy Meter System
22. Industrial Load Monitoring System
23. Automatic Power Factor Correction System
24. Industrial Motor Control System

E. Electronics & Embedded Systems Projects

25. Microcontroller Based Energy Monitoring System
26. IoT Based Smart Home Automation
27. Arduino Based Power Monitoring System
28. Smart Grid Monitoring System
29. Wireless Energy Meter Reading System
30. IoT Based Transformer Monitoring System