

Batch 2023-27 Sem-6

B.Tech in EE

Industry Oriented Mini Project/Internship

Sub-Code ELE326

Choose any one of the following 30 Project Topic

A. Power Generation & Renewable Energy Projects

1. Solar Power Generation System Study
2. Solar Panel Efficiency Analysis
3. Wind Power Generation System Study
4. Hybrid Solar-Wind Power System
5. Micro Hydropower Generation Study
6. Renewable Energy Integration in Power Grid

B. Power System & Transmission Projects

7. Power Distribution System Study
8. Substation Design and Operation Study
9. Transmission Line Fault Analysis
10. Power Factor Improvement Techniques
11. Load Flow Analysis of Power System
12. Power Quality Analysis in Industries

C. Electrical Machines Projects

13. Performance Analysis of Transformer
14. Induction Motor Performance Study
15. Synchronous Motor Study
16. Transformer Efficiency Testing
17. Motor Speed Control Techniques
18. Electrical Machine Maintenance Study

D. Industrial Automation & Control Projects

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

E. Electrical Safety & Energy Management Projects

25. Electrical Safety Audit in Industries
26. Energy Audit of Industrial Plant
27. Power Consumption Analysis in Buildings
28. Smart Grid Technology Study
29. Electrical Wiring and Protection System Study
30. Energy Saving Techniques in Industries