

Batch 2023-27 Sem-6

Polytechnic in Civil

Project

Sub-Code CIV087

Choose any one of the following 30 Project Topic

A. Building Construction Projects

1. Study of Residential Building Construction
2. Construction Site Management Study
3. Building Materials Quality Testing
4. Low-Cost Housing Construction Techniques
5. Building Planning and Design Study
6. Construction Equipment Management

B. Structural Engineering Projects

7. Reinforced Concrete Structure Study
8. Load Bearing Structure Analysis
9. Study of Structural Cracks in Buildings
10. Retrofitting of Old Buildings
11. Concrete Mix Design Study
12. Column and Beam Design Study

C. Transportation Engineering Projects

13. Road Construction Techniques Study
14. Traffic Volume Survey
15. Pavement Condition Assessment
16. Road Safety Measures Study
17. Highway Construction Study
18. Rural Road Development Study

D. Environmental Engineering Projects

19. Rainwater Harvesting System Design
20. Water Supply System Study
21. Drainage System Planning
22. Solid Waste Management Study
23. Sewage Treatment Plant Study
24. Water Quality Analysis Study

E. Surveying & Geotechnical Projects

25. Land Survey using Total Station
26. Soil Testing and Analysis
27. Foundation Design Study
28. Site Layout Planning
29. Contour Survey and Mapping
30. Soil Bearing Capacity Study