

B.Tech III Year I Semester

Course Structure

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COMPUTER AIDED CIVIL ENGINEERING DRAWING LAB

Internal Marks:40

Course code: P18CEL07

External marks:60

List of Experiments

1. Introduction to basic commands used in CAD.
2. Draw the important building components like section of a load bearing wall foundation to parapet.
3. Draw the Plan, Elevation, and Section of residential building.
4. Draw the layout of building.
5. Draw the Layouts of electrical lines in buildings.
6. Prepare the truss and label the various parts.
7. Creation of 3D view of residential building
8. Creation of 3D view of office building
9. Creation of 3D view of bank building
10. Creation of 3D view of library building
11. Creation of 3D view of function hall building

Note: Any 10 Experiments must be completed.

