

Computer Aided Civil Engineering Drawing Lab

Lab Experiments:

1. Software for CAD-introduction to different software.
2. Introduction to computer aided drafting.
3. Practice exercises on basic commands of CAD software.
4. Drawing of plans of Single storey buildings using the software.
5. Drawing of plans of Multi storied buildings.
6. Developing sections and elevations of Single storey buildings.
7. Developing sections and elevations of Multi storey buildings.
8. Detailing of different types (any 2 types) of doors and its components by using CAD.
9. Detailing of different types (any 2 types) of windows and its components by using CAD.
10. Detailed drawing of Roof trusses by using CAD.
11. Exercise on the development of working on building by using CAD.
12. Planning of commercial building (School building).