



RCETCECC01 - Building Drawing

Course outcomes:

- The student will be able to understand building drawing, scales and methods of dimensioning
- The student will be able draw the details of paneled door, glazed windows, joint details of roof truss
- The student will be able to draw plan and sectional elevation of reinforced concrete staircase

Syllabus:

UNIT I

General – Study of IS Codes of practice on building drawing – Scales- method of dimensioning. Sectional plan, sectional elevation, front view and joint details of Paneled door and Glazed windows.

UNIT II

Types of Roof- Roofing- Elevation and joint details-Roof truss in steel sections.
Types of Stairs- Plan and sectional elevation of reinforced concrete staircase

UNIT III

Building rules- Two storied and multistoried building- Plan, section and elevation.
Public buildings like offices, bank, dispensary etc.

Reference Text Books:

1. Civil Engineering Drawing-I by Chakraborty
2. Civil Engineering Drawing-I by N.Srinivasulu.
3. .S.C.Rangwala ,Civil Engineering Drawing