

List of Assignments for Building & Construction 3rd Semester

Staircase Plans and Elevations.

- Ground floor, typical floor and Mumty lvl floor plan for a staircase, sectional elevation and construction details at footing, mid landing, floor landing, tread and riser fixing detail and handrail fixing details

Mezzanine Construction in Metal sections

- Framing Plan, sectional elevations, flooring plan showing subfloor, fixing details at base, junction with wall, railing detail at exposed end of mezzanine, fixing of primary, secondary & tertiary members, spanning & flooring details

Metal Staircase for Mezzanine

- Plan, Sectional elevation and construction details at footing, mid landing, floor landing, tread and riser fixing detail and handrail fixing details

Cabinet, Kitchen and Show window

- Plans, elevations, sections and fixing details

Notes on the following

- Process of RCC construction, including formwork, steel bar fixing & bending, cover blocks, preparation & mixing of concrete, casting, vibration & compacting and curing
- Constituents of concrete, grades of concrete, water cement ratio
- Laminates and use in construction industry
- Painting, types of paints, process of painting