

SYLLABUS :-

Introduction â Building System; Load Path; Loading as per IS:875, load Combinations; Design Philosophy- Rolled Sections and Built-up sections , Optimization Design of Industrial Structures; Connections ,Welded and Riveted ; Failure Modes; Design of Tension ; Compression Members-effective length, buckling load; Design of Flexural Members, accounting Lateral Buckling; Design of Built-up column using lacing and batten plates; Design of Column bases; Design of Anchor bolts; Design of Plate Girder and Gantry Girder; Concept of Plastic Design; Drawing and Detailing of an Industrial Structure.