

AS792 **STRUCTURAL DRAWING AND DETAILS**

Objectives: To enable the students to understand various aspects of structural drawing in a small project including the design of different structural element with the following details:

Module-1

Detailing of concrete structure- design and detailing of concrete structure studied in previous semester. Beams, columns, stairs, foundations and pile foundations.

Module-2

Detailing of steel structure: Design and detailing of steel structures studied in previous semester.

Module-3

Joints: Lap joint, Butt joint.

Connections: riveted connections, welded connection

Design of tension members, compression members, trusses.