5CE117 Design of Steel Structures - Lab

L-T-P-Cr: 0-0-3-1

Practical/ Sessional: 1. Detailing of simple and bracket connections 2. Detailing of tension members, lug angles 3. Detailing of compression members laced and battened columns. 4. Detailing of column bases & footing 5. Detailing of flexure members: Beams - rolled sections, built-up sections 6. Detailing of Roof Trusses

Text Books: 1. S.K. Duggal, Limit State Design of Steel Structures 2nd Edition. Tata McGraw Hill, New Delhi. 2. S.S. Bhavikatti, Design of Steel Structures 3RD Edition. Tata McGraw Hill, New Delhi.

3. N. Subramanian, Design of Steel Structures 2nd Edition. Oxford University Press India. 4. Sairam, Design of Steel Structures 2nd Edition. Pearson.