

Department of Civil Engineering

III B.Tech II SEM (B), DSS, 2015-16

LESSON PLAN G.NARASIMHA MURTHY

Period	Date	Topic	Unit No	Teaching Methodology	Cumulative Periods
1,2	04-01-2016	Introduction to design of steel structures, brief discussion on IS code and data book	I	C.R	2
1,2	08-01-2016	General discussion on various material used in construction and compared with steel as structural material	I	C.R	4
1,2	11-01-2016	Different methods of analysis and design	I	C.R	6
1,2	15-01-2016	Brief explanation on limit state design	I	C.R	8
1,2	18-01-2016	Discussion of topics in present course and outcomes, Introduction to different types of connections	I	C.R	10
1,2	22-01-2016	Advantages and disadvantages of welding, Types of welds	I	C.R	12
1,2	25-01-2016	IS code recommendation for welding	I	C.R	14
1,2	29-01-2016	IS code recommendation for welding	I	C.R	16
1,2	01-02-2016	Simple design problems on welded connections	I	C.R	18
1,2	05-02-2016	Simple design problems on welded connections	I	C.R	20
1,2	08-02-2016	Design of fillet weld & butt weld subjected to moment acting in plane and acting at right angles	I	C.R	22
1,2	16-02-2016	Design of fillet weld & butt weld subjected to moment acting in plane and acting at right angles	I	C.R	24
1,2	23-02-2016	Introduction to flexure members(IS code recommendation)	I	C.R	26

1,2	04-03-2016	Different types of failures of members subjected to bending, design procedure for different types of beams	I	C.R	28
1,2	08-03-2016	Design of laterally supported beam	II	C.R	30
1,2	15-03-2016	Introduction to tension members, IS code recommendations	III	C.R	32
1,2	22-03-2016	Types of failures of tension members	III	C.R	34
1,2	26-03-2016	Analysis problems	III	C.R	36
1,2	29-03-2016	Design of tension members	III	C.R	38
1,2	02-04-2016	Introduction to compression members, IS code recommendation	III	C.R	40
1,2	06-04-2016	Design of single section compression member	III	C.R	42
1,2	09-04-2016	Design of laced columns, Design of battened columns	III	C.R	44
1,2	13-04-2016	Introduction to gantry girder, types of sections used, different forces acting on gantry girder	IV	C.R	46
1,2	16-04-2016	Design of gantry girder	IV	C.R	48
1,2	20-04-2016	Design of gantry girder	IV	C.R	50
1,2	23-04-2016	Introduction to plate girders, IS code recommendations	V	C.R	52
1,2	27-04-2016	Design of plate girder without web stiffeners	V	C.R	54
1,2	30-04-2016	Design of plate girder without web stiffeners	V	C.R	56

NOTE: C.R- Class Room Teaching (Black board, PPT)

G. Muty
Signature