Instructional Plan

1	Course No.	CVL212	
	Course Title	Design Of Steel Structure	
	L-T-P-Credit	(3-1-0)	
	Text-book	Duggal, S.K. “Design of steel structures” Tata McGraw Hills, by limit state Method	
	Other References	[1]	IS Handbook No.1
		[2]	IS800-2007
		[3]	Limit state Design method of steel structure Design by N.subramanian
		[4]	IS875-1987

Lecture	Lecture contents	Relevant page nos of the textbook[1]
1-3	Introduction of steel and design philosophy	108-120
4	Load specification	121-125
5-7	Welded	136-150
8-10	bolted connections	192-210
11-15	Tension members	232-250
16-18	Struts and axially loaded column	292-312
19-21	Eccentrically loaded column	350-380
21-23	Built up column	313-330
24-26	Laterally unsupported beam	381-400
27-29	Laterally supported beam	400-420
30-31	Built up beam and purlins	420-440
32-33	Slab and gusset base	497-519
34-35	Grillage footing	520-539
36-37	Plate girder without stiffener	539-570
38	Plate girder with stiffener	570-595
39-40	Gantry girder	594-612

Policy for Continuous assessment[2]

[1] In case resource other than textbook is to be used, provide numerical reference from Other references above.
[2] Should provide complete details, such as: How many assignments, quizzes, how many wilo be counted with what weights. These must be as per the school policy.

7 best quizzes (based on assignments) in tutorial hour -30 marks