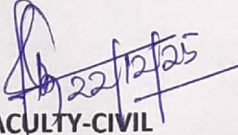


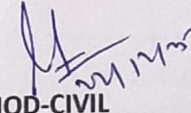
LESSON PLAN (SUMMER-2026)

SUBJECT - DESIGN OF OF STRUCTURE, SEMESTER- 4TH SEM. CIVIL

FACULTY- ER. SASHIDHAR BEHERA & ER.SWAPNASHISH PATEL

S. No	Week	Unit	No. of Classes	Topic to be Covered
1	Week 1 (22–27 Dec)	Unit-I	3	Introduction, types of steel connections
2	Week 2 (29 Dec–03 Jan)	Unit-I	3	Bolted connections – strength & design
3	Week 3 (05–10 Jan)	Unit-I	3	Welded connections – types & strength
4	Week 4 (12–17 Jan)	Unit-I	3	Fillet & butt welds
5	Week 5 (19–24 Jan)	Unit-II	3	Tension members – basics & failure modes
6	Week 6 (26–31 Jan)	Unit-II	3	Design based on yielding, rupture & block shear
7	Week 7 (02–07 Feb)	Unit-II	3	Single & double angle tension members
8	Week 8 (09–14 Feb)	Unit-III	3	Compression members – types & slenderness
9	Week 9 (16–21 Feb)	Unit-III	3	Effective length & IS 800 provisions
10	Week 10 (23–28 Feb)	Unit-III	3	Design of axially loaded columns
11	Week 11 (02–07 Mar)	Unit-IV	3	Design of column bases
12	Week 12 (09–14 Mar)	Unit-IV	3	Built-up sections, lacing & battening
13	Week 13 (16–21 Mar)	Unit-IV	3	Standard sections & bending stresses
14	Week 14 (23–28 Mar)	Unit-V	3	Design of I & channel sections, shear check
15	Week 15 (30 Mar–04 Apr)	Unit-V	3	Revision & model questions
16	Week 16 (06–15 Apr)	Unit-V	3	Revision & model questions
		TOTAL	48	


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