

LESSON PLAN (SUMMER-2025)

SUBJECT - CADD & DDP LAB-PR-03

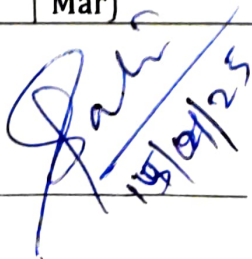
SEMESTER - 6TH SEM. CIVIL

FACULTY - DHANURJAYA BEHERA and SMITARANI PATEL


S. No	Week	No. of Classes	Topic to be Covered
1	Week-1 (22-27 Dec)	3	Introduction about AUTOCADD, STADD Pro, Revit Software
2	Week-2 (29 Dec-03 Jan)	3	Slab, beam and lintel with chajja as in a simple building (Help from Sections 8 & 9 of SP 34 may be taken) (Plate 1)
3	Week-3 (05-10 Jan)	3	Columns, column-beam connections with & without splicing, isolated footing, staircase (Help from sections 6, 7, 10 of SP 34 may be taken) (Plate 2)
4	Week-4 (12-17 Jan)	3	Different types of bolt connections, welded connections (Plate 3)
5	Week-5 (19-24 Jan)	3	Details of Pile and Pile cap
6	Week-6 (26-31 Jan)	3	2-D Modelling of structures, use of Structure Wizard, Geometry, Property, Support, Loads and combinations, Analysis
7	Week-7 (02-07 Feb)	3	Analysis of a continuous beam with more than two span subjected to UDL and point load
8	Week-8 (09-14 Feb)	3	3-D modelling of building structures, dead load, live load, earthquake and wind load analysis, design of a 3

			storeyed building and preparation of reinforcement drawing and detailing
9	Week-9 (16-21 Feb)	3	Introduction to STADD foundation
10	Week-10 (23-28 Feb)	3	Basics- Modify, Wall, Door, Window, Component Room, Roof, Floor, Grid, Lines, Dimension, Section, Level, Text, View
11	Week-11 (02-07 Mar)	3	Modelling- Ramp, Railing, Stair
12	Week-12 (09-14 Mar)	3	Site- Topo surface- Parking Component, Site Component
13	Week-13 (16-21 Mar)	3	Align, Split, Trim, Offset, Match type, Line work, Paint, Scale, Unit
14	Week-14 (23-28 Mar)	3	3D View
15	Week-15 (30 Mar-04 Apr)	3	Preparation of approval drawing of a double storied residential building from given specifications with its 3D view using above commands
16	Week-16 (06-15 Mar)	3	Final Record Submission

Faculty Civil: _____


15/04/25

HOD Civil: _____


15/04/25