

2023(5)

Subject CADD Lab & Design & Detailing Practice (Code) Pa. 3 Name of faculty Tina Ganes  
 Semester 6<sup>th</sup> Class allotted 45 periods Branch Civil Engg.

## Lesson Plan

Discipline	Semester	From date: <u>14.02.23</u> To date: <u>23.05.23</u>	Teaching Aid
Subject	No. of days/ per week <u>2p/w</u>	Theory/ Practical - Topics/Lesson	
Sl. No.	Date/Period		
1	14.02.23 To 17.02.23 (03p/w)	CH.1: Structural Detailing Practice 1.1. Slab, beam & lintel with Chajja as in a simple building.	White board & Marker & Computer s/w
	20.02.23 To 25.02.23 (3p/w)	1.2. Column, column-beam connections with & without splicing isolated footing, staircase.	White board & Marker & Computer s/w
3	27.02.23 To 04.03.23 (3p/w)	1.2. Column, column-beam connections with & without splicing isolated footing, staircase.	White board & Marker & Computer s/w
	06.03.23 To 11.03.23 (03p/w)	1.3. Different types of bolt connections, welded connections.	White board & Marker & Computer s/w
4	13.03.23 To 18.03.23 (03p/w)	1.4. Details of pile & pile cap. CH.2: Use of STAAD Pro s/w.	White board, Marker & Computer s/w
	20.03.23 To 26.03.23 (03p/w)	2.1. 2-D modeling of structures. Use of structure wizard, Geometry etc.	White board, Marker & Computer s/w
5	27.03.23 To 31.03.23 (03p/w)	2.1. 2-D modelling of structure property, support, loads & combinations, Analysis	White board & Marker & Computer s/w
	27.03.23 To 31.03.23 (03p/w)	2.2. Analysis of a continuous beam with more than two span subjected to UDL & point load	White board & Marker & Computer s/w

  
 HOD

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Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching Aid
8	03.04.23	2.3. 3D Modelling of building structures, dead load,	White board &
	To	Live load, earthquake load,	Marker
	08.04.23	7 wind load analysis	&
	(03 P/W)		Computer S/W
9	10.04.23	2.3. design of 3 storied building & preparation	White board &
	To	of reinforcement drawings & detailing.	Marker
	15.04.23		&
	(3 P/W)		Computer S/W
10	17.04.23	2.4. Introduction to STAAD Foundation.	White board &
	To		Marker
	21.04.23	CH.3:- Revit Architecture S/W:	&
	(03 P/W)	3.1. Basic - Modify, Wall, Door	Computer S/W
11	24.04.23	3.1. Window, Component of Room.	White board &
	To	Roof, Floor, Grid, Lines,	Marker
	29.04.23	Dimension, Section, Level; Text	&
	(03 P/W)	View.	Computer S/W
12	01.05.23	3.2. Modelling - Ramp, Railing	White board &
	To	Stair,	Marker
	06.05.23		&
	(03 P/W)		Computer S/W
13	08.05.23	3.3. Site - Topo Surface -	White board &
	To	Parking Component, Site	Marker
	13.05.23	Component.	&
	(03 + 03 P/W)	3.4. Align, Split, Trim, offset, Match type, Unit, Scale	Computer S/W
14	15.05.23	3.5. 3D view	White board &
	To		Marker
	20.05.23	3.6. Preparation of approval	&
	(03 P/W)	drawing of a double storied building.	Computer S/W
15	"	3.6 2D view of a double	White board &
	"	storied residential building	Marker
	"	using commands.	&
			Computer S/W

  
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