

PNS SCHOOL OF ENGINEERING & TECHNOLOGY

LESSION PLAN

BRANCH-CIVIL	SEMESTER-6TH	NAME OF THE FACULTY-SUDEEPTA MISHRA
SUBJECT-CADD LAB & DESIGN & DETAILING PRATICE	NO OF DAYS PER WEEK -6 CLASS ALLOTTED-45	SEMESTER FROM 13.02.2023 TO 24.05.2023
WEEK	CLASS DAY	THEORY TOPIC
3RD FEBRUARY	2ND(2CLASS)	Structural Detailing Practice: Slab, beam and lintel with chajja as in a simple building (Help from Sections 8 & 9 of SP 34 may be taken)
	4TH(2CLASS)	CONTINUE
4TH	2ND(2CLASS)	CONTINUE
	4TH(2CLASS)	CONTINUE
5TH	2ND(2CLASS)	Columns, column-beam connections with & without splicing, isolated footing, staircase (Help from sections 6, 7, 10 of SP 34 may be taken)(Plate 2)
MARCH 1ST	2ND(2CLASS)	CONTINUE
2ND	2ND(2CLASS)	CONTINUE&END
	4TH(2CLASS)	Different types of bolt connections, welded connections. (Plat3)
3RD	2ND(2CLASS)	CONTINUE
	4TH(2CLASS)	CONTINUE&END
4TH	2ND(2CLASS)	Details of Pile and Pile cap
	4TH(2CLASS)	CONTINUE
5TH	2ND(2CLASS)	CHECKED
APRIL 2 ND	2ND(2CLASS)	Use of STADD Pro Software: 2-D Modelling of structures, Use of Structure wizard, Geometry, Property, Support, Loads and combinations, Analysis
	4TH(2CLASS)	CONTINUE
3RD	2ND(2CLASS)	CHECKED
	4TH(2CLASS)	Analysis of a Continuous beam with more than two span subjected to udl and point load
4TH	2ND(2CLASS)	CONTINUE
	4TH(2CLASS)	CHECKED

5TH	2ND(2CLASS)	3-D modeling 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
	4TH(2CLASS)	CONTINUE&END
MAY1ST	2ND(2CLASS)	Introduction to STADD foundation.
	4TH(2CLASS)	CONTINUE&END
2ND	2ND(2CLASS)	Basics- Modify, Wall, Door, Window, Component Room, Roof, Floor, Grid, Lines, Dimension, Section, Level, Text, View 3.2 Modelling- Ramp, Railing, Stair
	4TH(2CLASS)	CONTINUING
3RD	2ND(2CLASS)	CONTINUE&END
	4TH(2CLASS)	Site- Topo surface- Parking Component, Site Component 3.4 Align, Split, Trim, offset, Match type, Line work, Paint, Scale, Unit
4TH	2ND(2CLASS)	CONTINUE&END
	4TH(2CLASS)	3D View 3.6 Preparation of approval drawing of a double storied residential building from given specifications with its 3D view using above commands

Sudeepa Mishra

LECTURE SIGN

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