

## LESSON PLAN OF 3<sup>rd</sup> SEMESTER CIVIL ENGINEERING (W-2020-21)

Discipline :-CIVIL	Semester:- 3 <sup>rd</sup>	Name of the Teaching Faculty:-Sumeet Pattnaik
Subject:-  CIVIL ENGINEERING DRAWING-I	No of Days/per Week Class Allotted :- 02	Semester From:- 1.09.2020      To:- 19.03.2021 No of Weeks:- 15 Total Period-75 No of Periods- 5P per week
Week	Class Day	Theory/ Practical Topics
1 <sup>st</sup>	1 <sup>st</sup>	<b>1. AutoCAD SOFTWARE.</b> 1.1 Recap of the Draw, Format, Edit, Dimension, Modify commands.
	2 <sup>nd</sup>	Practical
2 <sup>nd</sup>	1 <sup>st</sup>	1.2 Draw 2D drawings of the following Building Components - Doors, Windows, Cross section through wall, Spread footing, Column footing, Stairs case, R.C.C. T-beam and slab
	2 <sup>nd</sup>	Practical
3 <sup>rd</sup>	1 <sup>st</sup>	1.2 Draw 2D drawings of the following Building Components - Doors, Windows, Cross section through wall, Spread footing, Column footing, Stairs case, R.C.C. T-beam and slab
	2 <sup>nd</sup>	Practical
4 <sup>th</sup>	1 <sup>st</sup>	1.3 Develop Isometric drawings of simple objects
	2 <sup>nd</sup>	Practical
5 <sup>th</sup>	1 <sup>st</sup>	1.4 Develop 3D drawings of simple objects.
	2 <sup>nd</sup>	Practical
6 <sup>th</sup>	1 <sup>st</sup>	<b>2 PLAN, ELEVATION AND SECTIONAL ELEVATION OF FLAT ROOF BUILDING FROM LINE DIAGRAM AND GIVEN SPECIFICATIONS with use of AutoCAD software.</b>
	2 <sup>nd</sup>	Practical
7 <sup>th</sup>	1 <sup>st</sup>	2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views form given line diagram and specification.
	2 <sup>nd</sup>	Practical
8 <sup>th</sup>	1 <sup>st</sup>	2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views form given line diagram and specification.

	2 <sup>nd</sup>	Practical
9 <sup>th</sup>	1 <sup>st</sup>	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	2 <sup>nd</sup>	Practical
10 <sup>th</sup>	1 <sup>st</sup>	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
	2 <sup>nd</sup>	Practical
11 <sup>th</sup>	1 <sup>st</sup>	3 PLAN, ELEVATION AND SECTION OF INCLINED ROOF BUILDING WITH AC SHEET/GCI/TILES ON WOODEN STRUCTURE with use of AutoCAD Commands
	2 <sup>nd</sup>	Practical.
12 <sup>th</sup>	1 <sup>st</sup>	Detail drawing of inclined roof building from given line diagram and specification. (gabled / hipped)
	2 <sup>nd</sup>	Practical
13 <sup>th</sup>	1 <sup>st</sup>	4. BUILDING PLANNING 4.1 Planning of buildings for specific cost based on approximate plinth area rate.
	2 <sup>nd</sup>	Practical
14 <sup>th</sup>	1 <sup>st</sup>	4.2 Orientation of buildings, location of openings and living areas.
	2 <sup>nd</sup>	Practical
15 <sup>th</sup>	1 <sup>st</sup>	4.3 Line plan of School, hostel, market complex and dispensary building.
	2 <sup>nd</sup>	Practical

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1/9/20  
H.O.D

Civil Engineering

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Faculty

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