

LESSON PLAN FOR WINTER SESSION (2024-25)

PROGRAMME : CIVIL ENGINEERING					NAME OF THE FACULTY: GUEST FACULTY
COURSE NAME : CIVIL ENGINEERING DRAWING-I					SESSION : 2024-25
COURSE CODE : PR 2					DATE : 01/07/24 To 08/11/24
SEMESTER : 3rd					
PERIODS/WEEK: 5					
TOTAL PERIODS:75					
WEEK	PERIODS	TIME (Hr.)	GROUP	UNITS	TOPICS
July 1st Week	2	2	I & II	1	1. AutoCAD SOFTWARE.
	5	3	I	1	1.1 Recap of the Draw, Format, Edit, Dimension, Modify commands
			II	1	
July 2nd Week	7	2	I & II	1	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
	10	3	I	1	
			II	1	
July 3rd Week	12	2	I & II	1	1.3 Develop Isometric drawings of simple objects
	15	3	I	1	
			II	1	
July 4th Week	17	2	I & II	1	RECORD CHECK & VIVA VOCE
	20	3	I	1	1.4 Develop 3D drawings of simple objects.
			II	1	
Aug 1st Week	22	2	I & II	1	
	25	3	I	1	2. PLAN, ELEVATION AND SECTIONAL ELEVATION OF FLAT ROOF BUILDING FROM LINE DIAGRAM AND GIVEN SPECIFICATIONS with use of AutoCAD software.
			II	1	
Aug 2nd Week	27	2	I & II	2	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.
	30	3	I	2	
			II	2	
Aug 3rd Week	32	2	I & II	2	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	35	3	I	2	
			II	2	
Aug 4th Week	37	2	I & II	2	
	40	3	I	2	
			II	2	
Sept 1st Week	42	2	I & II	2	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
	45	3	I	2	
			II	2	
Sept 2nd Week	47	2	I & II	3	3 PLAN, ELEVATION AND SECTION OF INCLINED ROOF BUILDING WITH AC SHEET/GCI/TILES ON WOODEN STRUCTURE with use of AutoCAD Commands
	50	3	I	3	Detail drawing of inclined roof building from given line diagram and specification. (gabbled / hipped)
			II	3	
Sept 3rd Week	52	2	I & II	3	4. BUILDING PLANNING
	55	3	I	3	4.1 Planning of buildings for specific cost based on approximate plinth area rate.
			II	3	
Sept 4th Week	57	2	I & II	3	RECORD CHECK & VIVA VOCE
	60	3	I	3	
			II	3	
Oct. 1st Week	62	2	I & II	3	4.2 Orientation of buildings, location of openings and living areas.
	65	3	I	3	
			II	3	
Oct 2nd Week	PUJA HOLIDAY				
Oct 3rd Week	67	2	I & II	3	
	70	3	I	3	4.3 Line plan of School, hostel, market complex and dispensary building.
			II	3	
Oct 4th Week	72	2	I & II	3	
	75	3	I	3	
			II	3	
Oct 5th Week	77	2	I & II		RECORD CHECK & VIVA VOCE
	80	3	I		RECORD CHECK & VIVA VOCE
			II		RECORD CHECK & VIVA VOCE
Nov 1st Week	82	2	I & II		RECORD CHECK & VIVA VOCE
	85	3	I		RECORD CHECK & VIVA VOCE
			II		RECORD CHECK & VIVA VOCE

Aravinda Sethu
24-10/18/24
Concern faculty
Signature

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28/10/24
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