

**LESSON PLAN FOR WINTER SESSION (2023-24)**

PROGRAMME : CIVIL ENGINEERING				NAME OF THE FACULTY: Mr. ARABINDA SAHU
COURSE NAME : CIVIL ENGINEERING DRAWING-I				SESSION : 2023-24
COURSE CODE : PR 2				DATE : 01/08/23 To 30/11/23
SEMESTER : 3rd				
PERIODS/WEEK: 5				
TOTAL PERIODS:75				
WEEK	PERIODS	TIME (Hr.)	UNITS	TOPICS
Aug 1st Week	1	2	1	<b>1. AutoCAD SOFTWARE.</b> 1.1 Recap of the Draw, Format, Edit, Dimension, Modify commands
	2	3	1	Recap of the Draw, Format, Edit, Dimension, Modify commands
Aug 2nd Week	1	2	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
	2	3	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
Aug 3rd Week	1	2	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
	2	3	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
Aug 4th Week	1	2	1	1.3 Develop Isometric drawings of simple objects
	2	3	1	1.3 Develop Isometric drawings of simple objects
Sept 1st Week	1	2	1	<b>RECORD CHECK &amp; VIVA VOCE</b>
	2	3	1	1.4 Develop 3D drawings of simple objects.
Sept 2nd Week	1	2	2	1.4 Develop 3D drawings of simple objects.
	2	3	2	<b>2. PLAN, ELEVATION AND SECTIONAL ELEVATION OF FLAT ROOF BUILDING FROM LINE DIAGRAM AND GIVEN SPECIFICATIONS with use of AutoCAD software.</b> 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.
Sept 3rd Week	1	2	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.
	2	3	2	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
Sept 4th Week	1	2	2	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	2	3	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.
Oct 1st Week	1	2	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.
	2	3	2	<b>RECORD CHECK &amp; VIVA VOCE</b>
Oct 2nd Week	1			<b>Puja Holidays</b>
	2			
Oct 3rd Week	1	2	3	<b>3 PLAN, ELEVATION AND SECTION OF INCLINED ROOF BUILDING WITH AC SHEET/GCI/TILES ON WOODEN STRUCTURE with use of AutoCAD Commands</b> Detail drawing of inclined roof building from given line diagram and specification. (gabled / hipped)
	2	3	3	Detail drawing of inclined roof building from given line diagram and specification. (gabled / hipped)
Oct 4th Week	1	2	3	Detail drawing of inclined roof building from given line diagram and specification. (gabled / hipped)
	2	3	3	Detail drawing of inclined roof building from given line diagram and specification. (gabled / hipped)
Nov 1st Week	1	2	4	<b>RECORD CHECK &amp; VIVA VOCE</b>
	2	3	4	<b>4. BUILDING PLANNING</b> 4.1 Planning of buildings for specific cost based on approximate plinth area rate.
Nov 2nd Week	1	2	4	Planning of buildings for specific cost based on approximate plinth area rate.
	2	3	4	4.2 Orientation of buildings, location of openings and living areas.
Nov 3rd Week	1	2	4	4.2 Orientation of buildings, location of openings and living areas.
	2	3	4	4.3 Line plan of School, hostel, market complex and dispensary building
Nov 4th Week	1	2	4	4.3 Line plan of School, hostel, market complex and dispensary building
	2	3	4	<b>RECORD CHECK &amp; VIVA VOCE</b>

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