

LESSON PLAN

Course- Civil Engg. Drawing-I

Course Code-C207

5P/Week

Semester-3rd

Session: 2022W

Week	Class Day	Theory/Practical Topics	Remarks
1	1-5	1.0 AutoCAD SOFTWARE: 1.1 Recap of the Draw, Format, Edit, Dimension, Modify commands.	
2&3	5-15	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.	
4	15-20	1.3 Develop Isometric drawings of simple objects.	
5	20-25	1.4 Develop 3D drawings of simple objects.	
6	25-30	2.0 PLAN, ELEVATION AND SECTIONAL ELEVATION OF FLAT ROOF BUILDING FROM LINE DIAGRAM AND GIVEN SPECIFICATIONS with use of AutoCAD software: 2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views from given line diagram and specification.	
7&8	30-40	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.	
9&10	40-50	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.	
11&12	50-60	3. PLAN, ELEVATION AND SECTION OF INCLINED ROOF BUILDING WITH AC SHEET/GCI/TILES ON WOODEN STRUCTURE with use of AutoCAD Commands Detail drawing of inclined roof building from given line	

		diagram and specification. (Gabled / hipped).	
13	60-65	4. BUILDING PLANNING 4.1 Planning of buildings for specific cost based on approximate plinth area rate.	
14	65-70	4.2 Orientation of buildings, location of openings and living areas.	
15	70-75	4.3 Line plan of School, hostel, market complex and dispensary building.	

Signature of Faculty:

Soumya Ranjan Mahapatra
16/09/2022

Signature of HOD:

Manas Ranjan Pradhan
16/09/2022