

LESSON PLAN

NAME OF FACULTY : Er. Sunita, Ar. Twinkle Aggarwal
 BRANCH : ARCHITECTURAL ASSISTANTSHIP
 YEAR : 1ST YEAR
 SUBJECT : ARCHITECTURAL DRAWING – I

LESSON PLAN DURATION : 15 WEEKS

WORK LOAD PER WEEK : 16

WEEK	PRACTICAL	
	LECTURE DAY	TOPIC
1	1	Introduction and relevance Need and Importance of the architectural drawing, Basics of drafting instruments
	2	Basics of stationery (Pencils, sharpening, types of sheets, erasers, cutteretc.) , Demonstration by the teacher on holding pencils, fixing parallel bar and handling other tools and equipment used in Architectural Drawing Basic line work, with different pencil thickness IntensitiesH,HB,2B,4B,6B
2	3	Line Work: Horizontal lines , Vertical lines, Grid Line
	4	Diagonal lines , Composition , Pattern making in line work
3	5	Lettering , Lettering Using different shades , Using different pencils & pens, stencils , Different styles, heights & intensities
	6	Introduction to Scale , Use of the modular scale, Metric system and FPS
4	7	Geometric Shapes (Plan, elevation etc), Simple geometric(cubes, cylinder, consent), Complex(fusion of the basic shapes), Incorporating the use of scale both feet & metric
	8	Orthographic Projections , Orthographic Projections & planes
5	9	Dimensioning and its elements, methods, and arrangements of symbols for shape indication.
	10	Introduction to Planes, Projections of Points.
6	11	SESSIONAL-I
	12	Projections of lines
7	13	Projection of solids,
	14	Section of Solids, Simple geometrical shapes
8	15	Elementary building sections , Highlighting line, Intensities for sectional components, Elevational components for exp Parapet and Chajja
	16	Development of surface, Development with an aim to calculate areas
9	17	Isometric Views (30°–60°)
	18	Isometric Views (30°–60°)
10	19	SESSIONAL-II
	20	2D Geometrical shapes
11	21	2D Geometrical shapes
	22	Conversion of 2D geometrical shapes into 3D isometric views, Conversion of 2D geometrical shapes into 3D isometric views

12	23	3D isometric views
	24	Complex solid to basic building forms
13	25	Axonometric Views, 2D Geometrical shapes, Conversion of 2D Geometrical shapes
	26	3D Axonometric views , Different angles (45°–45°)
14	27	Simple to complex solid to basic building forms, Isometric/axonometric use of any building form
	28	Base plan, Exterior components, Interior components
15	29	Exterior/interior components(with roads, landscape elements)
	30	SESSIONAL-III