LESSON PLAN

NAME OF THEFACULTY :
DISCIPLINE : ARCHITECTURALASSISTANTSHIP
SEMESTER : 1st
SUBJECT : ARCHITECTURE DRAWING - I
LESSON PLAN DURATION : 15WEEKS
WORK LOAD PER WEEK : 08

WEEK	LECTURE DAY	TOPIC
1ST	1.	Introduction and relevance (need and importance)of the architectural drawing
	2.	**Introduction to the Studio Environment** Basics of drafting instruments, starting off
2ND	3.	Basics of stationery (Pencils, sharpening, types of sheets, erasers, cutter etc.)
	4.	Demonstration by the teacher on holding pencils, fixing parallel bar and handling other tools.
3RD	5.	Demonstration by the teacher on equipment used in Architectural Drawing(Demonstration sheet to be put up for better understanding)
	6.	**Line Work** 1. Basic line work, with different pencil thickness & intensities H, HB, 2B, 4B, 6B
4TH	7.	Basic line work, with different pencil thickness & intensities H, HB, 2B, 4B, 6B Horizontallines Vertical lines
	8.	Grid
5TH	9.	Diagonal lines
	10.	**SESSIONAL TEST- 1st**
6TH	11.	Composition making in line work(Using different grades of pencils to understand the tonal variation)
	12.	Pattern making in line work(Using different grades of pencils to understand the tonal variation)
7TH	13.	Lettering using different pencils & pens ,stencils(4 sheets) Different styles, heights&intensities

	14.	Lettering using different pencils & pens ,stencils(4 sheets) Different styles, heights&intensities
8TH	15.	Introduction to Scale (1sheet) Use of the modular scale - both metric system and FPS
	16.	2. Geometric Shapes (Plan, elevation etc.) (2sheets) Simple geometric (cubes, cylinder, cones etc.)
9TH	17.	Complex(fusion of the basic shapes (Incorporating he use of scale both feet &metric)
	18.	Dimensioning Elements of dimensioning Methods of dimensioning
10TH	19.	Arrangements of dimensions Symbols for shape indication
	20.	**SESSIONAL TEST- 2nd**
11TH	21.	Orthographic Projections (Introduction to Planes) (2sheets) i) Protection of points
	22.	ii) Projections of lines iii) Projection of solids
12TH	23.	Section of Solids Simple geometrical shapes e.g. cube: Elementary building sections highlighting line intensities for sectional and elevation components. (Example: parapet as in section and elevation behind)
	24.	Section of Solids Simple geometrical shapes e.g. cube: Elementary building sections highlighting line intensities for sectional and elevation components. (Example: chajj as in section and elevation behind)
	25.	Development of surface (1sheet) Development with an aim to calculate areas if required
13TH	26.	Isometric Views (3sheets) Conversion of 2D geometrical shapes into 3D isometric views (30to realize the potential of each from simple to complex solid to basic building forms
14TH	27.	Axonometric Views (5sheets) Conversion of 2D geometrical shapes into 3D axonometric views at

		different angles (45^{o} – 45^{o}) to realize the potential of each from simple to complex solid to basic building forms.
	28.	Isometric/axonometric use of any building form, from a given base plan – to be developed as per the student's imagination of the exterior/interior components (with roads, landscape elements) ^{o}–30^{o}.
15TH	29.	Isometric/axonometric use of any building form, from a given base plan – to be developed as per the student's imagination of the exterior/interior components (with roads, landscape elements) 30^{o}–60^{o})
	30.	**SESSIONAL TEST- 3rd**