

## Course Name – Diploma in Architectural Assistantship

Subject – Architectural Drawing & Design – I

Subject Code AAA 310

Total Hrs 42

L T P  
4

### **Rationale & Objectives:-**

Architectural Drawing is basic of Architecture. It prepares the students to become a good Architectural Assistant. This subject will help the students to understand the concepts and techniques of coloring, rendering and free hand sketching. It helps in learning various aspects of Architectural Drawing like plan, section, elevation etc. The students will be able to analyze effects of color, free hand sketching and to design small building plans.

Chapter	Name of the Topic	Hours
	<b>Texture</b>	
1	1.1 Texture of various objects and texture for showing various materials used in buildings a) Bricks b) Stone c) Marble d) Plaster e) Tiles f) Timber	05 ( 1 th+ 4 Pr)
	<b>Sketching</b>	
2	2.1 Living Room 2.2 Kitchen Equipment 2.3 Bed Room, Various items of home and office – cupboards, Beds, Wardrobes, dressing tables Arrangement of these furniture in Living, Kitchen, Bed room and Office rooms	12 (2 th + 10 Pr)
	<b>Coloring and rendering</b>	
3	3.1 The source of color(Light, Eye and mind (brain) Nature Law of light rainbow colours. 3.2 Colour Mixtures 3.3 Colour Circle (Wheel) 3.4 Colour Scheme (All colour schemes) 3.5 Use of colour scheme 3.6 Gray Scale (High, Middle, Low key) its	18 (4 Th + 14Pr)

	use 3.7 Colour Simultaneous Contrast 3.8 Advancing or receding colours 3.9 Emotional effect of colours 3.10 Effect of light on colours 3.11 Hue, Value, Intensity (Qualities of colours) 3.12 Colours meaning	
	<b>Building Plan</b>	
4	4.1 Development of complete set of Architectural Drawing given line plan of small one or two room building 4.2 Line plan , center line plan, sectional plan, foundation plan, elevation & section.	21 (5 Th + 16 P)
	<b>Total-</b>	56

**No. of Sheets to be prepared by students**

1. Texture – 1 sheet
2. Sketching of Home/ office objects – 3 sheets
3. Coloring and rendering – 4 sheets
4. Building drawing – 4 sheets

**Books recommended**

SI No	Author	Title	Publisher & Address
1.	B.P. Verma	Building Drawing	
2.	Robert Gill	Rendering with pen and Ink	Thames and Hudson, London
3.	D N Ghose	Building Drawing	
4.	Shah , Kale & Patki	Building Drawing	TMH
5.	V S Parmar	Design Fundamentals in Architecture	Somaiya Pub, Mumbai

