

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for B.Plan

FIRST SEMESTER (W.E.F. JUNE 2014)

Name of the Subject: Planning and Design Lab I (Graphics and Presentation Techniques)

Subject Code:1015507

Aim: To study Skills of Graphical Presentation and Drafting.

Objective:

- 1. To study various Equipments for Graphical and Visual Presentation.**
- 2. To study Scales, and various Projections such as Orthographic, Isometric, and Perspective.**

Pre-Requisites: --

Contents		Hours
Unit -1	Drawing Equipments and Mediums Introduction to drawing equipments and mediums, Importance of graphics and visual presentations;	11
Unit -2	Shapes and Forms Use of points, lines, polygons; Horizontal, vertical, diagonal, curved lines; Line thicknesses and intensities; Texture, color and tone in materials and graphics; Shapes and forms;	33
Unit - 3	Concepts of Scales and Proportions Sketching of human figures, activities, natural and man-made elements; Concept of scales and proportions; Graphic scales; Free hand lettering; <i>Jalipatterns</i> ;	55
Unit - 4	Perspective Projections Orthographic, isometric and perspective projections of one, two and three dimensional objects;	55
Unit - 5	Appreciation and Presentation Appreciation and design of Logo and Insignia of geometric merits and format of presentation drawings	22

Text / Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Alan Jeffris and David A Madsen	Architectural Drafting and Design	5th Edition	Thomson Delmar Learnig, New York
2.	Robert W. Gill	Rendering with Pen and Ink	Revised Edition	Thames and Hudson
3.	Robert W. Gill	Creative Perspective	1979	Thames and Hudson
4.	Bally Meeda, Neil Parkyn and David Stuart Walton	Graphics for Urban Design	2007	Thomas Telford Publishing London

List of Exercises / Practicals: As given in Unit 1 to Unit 5.

List of Assignments: As given in Unit 1 to Unit 5.