

GUJARAT TECHNOLOGICAL UNIVERSITY

PLANNING AND DESIGN LAB - III

SUBJECT CODE: 1035507

B.PLAN 3RD SEMESTER

Prerequisite: NA

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks
L	Field work(T)	P		Theory Marks		Practical Marks		
				ESE(E)	PA (M)	PA (V)	PA(I)	
1	0	10	11	--	--	40	60	100

L- Lectures; T- Tutorial/Teacher Guided Student Activity/Field work; P- Practical; C- Credit; ESE- End Semester Examination; PA- Progressive Assessment.

Content:

Sr. No.	Content	Total Hrs	% Weightage
Unit -1	Designing, Preparation and Presentation of Drawings Design and preparation of plan, sections and elevation of low rise and high rise apartments taking into account the building byelaws and zoning regulations; Preparation of presentation drawings;	22	15
Unit -2	Planning Working Drawings Introduction to the working drawings; Preparation of plans, sections, elevations and important details of an apartment unit	22	15
Unit - 3	Site Analysis and Conceptual Approach to Site Planning Site analysis, development standards and preparation of the design brief; various considerations for site layout, conceptual approach to site planning;	55	25
Unit - 4	Layouts and Area Analysis Preparation of preliminary layout and area analysis; Final layout showing the circulation and basic infrastructure;	44	25
Unit - 5	Costing and Preparation of Model Rough costing of the scheme, and preparation of the model to an appropriate scale.	33	20

Suggested Specification table with Marks (Theory):

Distribution of Theory Marks				
R Level	U Level	A Level	N Level	E Level
10	30	30	20	10

Legends: R: Remembrance; U: Understanding; A: Application, N: Analyze and E: Evaluate and above Levels (Revised Bloom's Taxonomy)

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Richard E. Klosterman	Community Analysis and Planning Techniques	Second	Rowman& Littlefield
2.	L.R. Kardiyali	Traffic and Transport Planning	2011	Khanna Publisher
3.	O'Flaherty	Transport Planning and Traffic Engineering	2006	Elsevier India
4.	S.K. Khanna	Highway Engineering	2011	Nem Chand and Brothers

Course Outcome:

List of Exercises / Practicals:

- 1 As given in Unit 1 to Unit 5.

List of Assignments/Tests:

- 1 As given in Unit 1 to Unit 5.