

# GUJARAT TECHNOLOGICAL UNIVERSITY

## Planning and Design Lab - VI (Urban Development Plan)

**SUBJECT CODE: 1065507**

**B.PLAN 6th SEMESTER**

**Prerequisite:** 5<sup>th</sup> Semester Planning, Knowledge of statistical analysis and graphic presentation and GIS application.

**Aim:** To impart knowledge and Hands-on Skills for Conducting various Field Surveys; Analysis Data and preparation of Urban Development Plans.

**Objective:**

1. To understand various types and hierarchy of Urban Plans, their Characteristics and Contents.
2. To evolve Development Policies; Land Use Plan, priorities and Implementation Mechanism for a selected Urban Area.

**Teaching and Examination Scheme:**

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

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

**Contents:**

Sr. No.	Contents	Total Hrs.
Unit -1	<b>Studying Development Plans</b> The study shall involve understanding of contents of various types of development plans and explore their foci	24
Unit -2	<b>Secondary Source Information for a Selected City or Town</b> Identification and preparation of secondary source information of the towns or cities selected for the study	24
Unit - 3	<b>Organization of Field Surveys</b> Visit to the case study area, collection of primary and secondary data and information on various aspects such as demography, social, economic, housing, transportation, etc.; conduct of primary and secondary surveys	36
Unit - 4	<b>Analysis and Synthesis</b> Analysis and synthesis of data and information collected on various aspects; projections of population and workforce; trends and issues identification	72

Unit - 5	<b>Plan, Policies and Proposals</b>  Preparation of policies and proposals with different scenarios and identification of priorities and action areas; phasing and monitoring; governance structures for implementation; land use plan and the plan document	36
<b>Total hours</b>		192

**Text / Reference Books:**

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Government of India	UDPFI Guidelines	1996	MoUD, New Delhi
2.	Government of India	URDPFI Guidelines	2014	MoUD, New Delhi
3.	Bureau of Information and Statistics	National Building Code	2006	BIS, New Delhi
4.	Delhi Development Authority	Master Plan for Delhi	2021, 2010	DDA, New Delhi
4.	City and Industrial Development Corporation	Navi Mumbai Development Plan	2008	CIDCO, Mumbai

**Course Outcome:**

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

**List of Assignments/Tests / Seminars:** As given in Unit 1 to Unit 5.

**ACTIVE LEARNING ASSIGNMENTS:** Preparation of power-point slides, which include videos, animations, pictures, graphics for better understanding theory and practical work – The faculty will allocate chapters/ parts of chapters to groups of students so that the entire syllabus to be covered. The power-point slides should be put up on the web-site of the College/ Institute, along with the names of the students of the group, the name of the faculty, Department and College on the first slide. The best three works should submit to GTU.