

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**Introduction to Regional Planning**  
**SUBJECT CODE: 1075501**  
**B.PLAN 7<sup>th</sup> SEMESTER**

**Aim:** To study the Concepts, Characteristics and Process of Regional Planning.

**Objective:**

1. To understand Regionalization and Growth of Regions and study their Nature, Types and Structure using Case Studies.
2. To study Regional Planning Process and Manner of Preparation of Regional Plans.

**Teaching and Examination Scheme:**

Teaching Scheme			Credits C	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
				ESE (E)	PA (M)	VIVA (V)	PA(I)	
3	0	0	3	50	50	0	0	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
<b>Unit - 1</b>	<b>Introduction to Region</b>  Concept of regional planning: nature, objectives, levels and aims; Concept of a region, types, and regionalization.	6
<b>Unit - 2</b>	<b>Interactions within a Region</b>  Regional interaction: Rank Size Rule, Settlement patterns, Central place theory; Loschian theory; Location Theory; Regional networks.	9
<b>Unit - 3</b>	<b>Regional Developments</b>  Regional development; Balanced and unbalanced development; Underdevelopment; Regional multiplier, input-output model; Linear programming applications; Cumulative causation theory; Core-periphery model; Growth poles and centers; reasons for Regional Disparity	12

<b>Unit - 4</b>	<b>Planning Processes</b>  Regional planning processes: delineation of region; Identification of plan objectives; collection, classification and analysis of data; Norms and standards for regional planning; Formulation of alternative plan proposals with respect to population distribution, location of new regional economic activities, infrastructure, plan implementation, etc.	12
<b>Unit - 5</b>	<b>Case Studies</b>  Selected case studies in regional development: Rajasthan Canal Area, South-East Resource Region, Western Ghats Region, etc.; District Planning; Metropolitan regions: National Capital Region, Mumbai Metropolitan Region, etc.	9
	<b>Total no. of hours</b>	48

#### Reference Books:

<b>Text / Reference Books:</b>				
<b>S. No.</b>	<b>Name of Authors</b>	<b>Titles of the Book</b>	<b>Edition</b>	<b>Name of the Publisher</b>
1.	Ramachandran, R.	Urbanization and Urban Systems in India	1998	Oxford University Press, New Delhi
2.	Chaudhuri, Ray Jayasri	An Introduction to Development and Regional Planning with special reference to India	2001	Orient Longman Ltd., Kolkata
3	Hall, Peter and Tewdwr Jones, M.	Urban and Regional Planning	2010	Rutledge, New York
4	AICTE	AICTE: B. Planning / B. Tech (Planning) Syllabus	2014	AICTE
5	TCPO	Urban and Regional Planning and Development in India	1996	TCPO, New Delhi

6	Planning Commission	Manual of Integrated District Planning	2006	Planning Commission, New Delhi
7	Carter, Harold	The Study of Urban Geography	1995	Edward Arnold

**Course Outcome:**

<b>List of Exercises / Practicals:</b>	
1.	Visit to the Office of Metropolitan Region Development and Planning Authority or NCRPB and submit Report
<b>List of Assignments/Tests:</b>	
1	Test on Unit 1 and Unit 2.
2	Case study based Assignment on Unit 5.