

GUJARAT TECHNOLOGICAL UNIVERSITY

Introduction to Urban Design SUBJECT CODE: 1065504 B.PLAN 6th SEMESTER

Aim: To study the Concepts of Urban Design.

Objective:

1. To understand Concepts and Techniques of Urban Design
2. To study Legal and Administrative Aspects of Urban Design

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)		
2	0	1	3	40	30	0	30	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	Introduction to Urban Design Theory Urban design as interface between architecture and planning; city as a three dimensional entity; Study of volumes and open spaces at all spatial levels; A brief historic review of the development of the urban design discipline and principles	6
Unit -2	Elements of Urban Design Urban form as determined by inter – play of masses, voids, building typology; scale, harmony, symmetry, color, texture, light and shade,; dominance, height, urban signage and graphics; organization of spaces and their articulation in the form of squares, streets, vistas and focal points; image of the city and its components such as edges, paths, landmarks, street features, sky– line, etc.; urban transportation.	12
Unit -3	Physical and Non – Physical Determinants of Urban Forms Activity and the morphology of places; form, size and structure of cities and the related geometry co – related with their determinants; case studies of urban design characteristics of cities in India and abroad; related issues for public intervention.	12
Unit - 4	Control of Urban Design Urban design and its control; Control of visual pollution; agencies responsible for ensuring better urban design, their roles, powers and limitations.	9
Unit - 5	Contemporary Practices Townscape policies, building byelaws and regulations for existing and emerging areas of development; Special rules for heritage and hill areas	9
Total		48

Text / Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	John Lang	Urban Design	2005	Elsevier
2.	Kevin Lynch Image of the City		2009	Minnesota Press
3.	Ron Kesprisin	Urban Design The Composition of Complexity	2011	Routledge, New York
4.	Cristopher Crouch and Jane Pearce	Doing Research In Design	2012	Berg, New York

Course Outcome:

List of Exercises / Practicals:
Working on an urban design level work
List of Assignments/Tests / Seminars:
1 Seminar on Urban Design Concepts
2. Case studies on conservation & urban renewal

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.