

GUJARAT TECHNOLOGICAL UNIVERSITY

M. E. Town & Country Planning (Branch Code - 48)

Year – II (Semester – III) (W.E.F. June 2013)

Major Elective IV

1. Subject: Urban Design & Landscape Development (734802)

Sr. No.	Course Content	Hours
1	SCOPE AND OBJECTIVES OF URBAN DESIGN: Its relation with architecture and urban planning, scale of various urban design projects, regional and city level, urban design survey, inventories, techniques/approaches to urban design.	01
2	BEHAVIORAL ISSUES IN URBAN DESIGN: Principals of urban spatial organization, urban scale, urban spaces, urban massing, quality of urban enclose. Imageability, townscape and elements of urban design (Gordon, Cullen, Kevin Lynch) Urban conservation with historic preservation and integrated approach to conservation, urban renewal, its purpose, economics and planning issues.	02
3	URBAN DESIGN AT MICRO LEVEL: Campus planning, city centers, transportation corridors, residential neighbourhood, water fronts.	01
4	DEVELOPMENT CONTROL GUIDELINES : Zoning, Historical examples of urban design projects. Evaluation/feasibility study of urban design projects.	02
5	OBJECTIVES AND SCOPE OF LANDSCAPE PLANNING: Behavioral issues in landscape design, principles and aesthetic theory in landscape design, Land from design and elements of geomorphology, hydrology, pedagogy, drainage in landscape planning. Site and resources inventory methods, analyses and appraisal, landscape suitability analysis, Plant characteristics and planting design, environmental factors in landscape planning.	03
6	OUTDOOR RECREATION AND TOURISM: Planning and design issues.	01
7	LANDSCAPE PLANNING Urban and regional level open spaces, residential neighborhoods, urban roads and regional highways, coastal area landscape planning.	02
8	EVALUATION PROCESS IN LANDSCAPE PLANNING: Critical appraisal of historical examples of landscape plans. Relevance of Social forestry in urban and regional landscape planning.	02

LAB WORKS:

Students shall study critically the recent aspects in computer laboratory during assigned hours and submit a prepared report on assigned topic for evaluation. The students shall be required to prepare and present the study case individually.

References Books:

1. Paul, De Spreiregen: "Urban Design : The Architecture of Town and Cities", McGraw Hill Book Company, New York.
2. Cullen Garden: "Townscape", Architecture Press, London.
3. I. C. Monty: "Park Planning Handbook", John Wiley