

GUJARAT TECHNOLOGICAL UNIVERSITY

M. E. Civil (Town and Country Planning) (Branch Code - 048)

Year – I (Semester – II) (W.E.F. January 2013)

1. URBAN PLANNING TECHNIQUES AND PRACTICE (CODE: 1724801)

SR. NO	COURSE CONTENT
1	<u>LAND USE ACTIVITIES:</u> Population forecasting methods. Analysis and prediction of important land use activities.
2	<u>SPATIAL STANDARDS:</u> UDPFI and TCPO guide lines for residential, industrial, commercial and recreational areas, standards for urban amenities, Provisions of Town Planning Act, zoning, subdivision practice, and metro region concept.
3	<u>ANALYTICAL TECHNIQUES:</u> Linear programming, threshold analysis, simulation approach.
4	<u>TOWN DEVELOPMENT PLAN /TOWN PLANNING SCHEMES:</u> Scope, contents and preparation. Land value and density pattern. A case study of development plan, preparation of Town Planning Schemes, activity areas, plan implementation – organizational legal and financial aspects, public participation in plan formulation and implementation, planning for urban poor, national renewal schemes and policies.
5	<u>URBAN DECAY AND CONSERVATION:</u> Urban Decay causes and impacts, Urban renewal, Meaning, significance, scope and limitations, identification of renewal areas, renewal strategies. Urban conservation: Meaning, heritage, significance and techniques.
6	<u>CONCEPT OF NEW TOWNS:</u> Meaning, role and functions: Special planning and development considerations, scope and limitations of new town development, Indian and British experience of planning and development of new towns.
7	<u>GLOBAL TRENDS:</u> Concept of International cities, issues and planning approaches.

All units carry equal weightage.

Students shall study inclusive planning report for cities individually and present the same for internal evaluation along with assignment.

REFERENCE BOOKS:

1. MARGARET ROBERTS, "Town Planning Techniques", Hutchinson Educational Publication.
2. N.V. MODAK AND V.N. AMBDEKAR, "Town and Country Planning and Housing", Orient Longman Limited.
3. R.G. GUPTA, "Planning and Development of Towns", New Delhi.
4. K.S. RAMEGAUDA, "Urban and Regional Planning, Mysore University Publication.