



Subject: History of Town & Country Planning - METTC11502

Type of course: Major(Core)

Prerequisite: Building and Town planning

Rationale: Understanding the history of Town and Country Planning is crucial for grasping how urban and rural environments have evolved in response to societal needs, technological advancements, and cultural shifts. This historical perspective reveals the successes and challenges of past planning efforts, providing valuable lessons for contemporary practice. It highlights the origins of key concepts like zoning, sustainability, and community design, tracing their development from ancient civilizations to modern smart cities. By studying the evolution of planning, practitioners and students gain insights into the enduring principles that shape effective urban and regional planning, while also learning to adapt these principles to address current and future challenges in creating livable, equitable, and sustainable environments.

Teaching and Examination Scheme:

| Teaching Scheme | | | Credits | Examination Marks | | | | | Total Marks |
|-----------------|---|----|---------|-------------------|----|-----------------|-----|----|-------------|
| CI | T | P | | Theory Marks | | Practical Marks | | CA | |
| | | | ESE | MSE | V | P | ALA | | |
| 04 | 0 | 02 | 5 | 60 | 30 | 10 | 20 | 30 | 150 |

Legends: CI-Class Room Instructions; T- Tutorial; P - Practical; C - Credit; ESE - End Semester Examination; MSE- Mid Semester Examination; V - Viva; CA - Continuous Assessment; ALA- Active Learning Activities.

Continuous Assessment:

| Sr. No | Active Learning Activities | Marks |
|--------|--|-------|
| 1 | Ancient City Planning The faculty will assign the task of studying ancient city and town planning. Students are required to prepare a report and upload it to the GMIU web portal. | 10 |
| 2 | Case Study The faculty will assign the task of studying town planning after the 18th | 10 |



| | | |
|--------------|--|-----------|
| | century. Students are required to prepare a presentation and upload it to the GMIU web portal. | |
| 3 | Planning The faculty will assign a specific land size to each student, who will then prepare a town or city plan with all the rules & regulation and upload it to the GMIU web portal. | 10 |
| Total | | 30 |

Course Content:

| Sr. No | Course content | Hrs | % Weightage |
|--------|--|-----|-------------|
| 1 | Planning History A brief history of human settlements, from the Stone Age and milestones, in prehistoric to the historic period. Evolution of physical forms as a result of geographical, geological, climatic, social, economic, political, and technological aspects of human settlements. Ancient river valley civilizations (Egyptian, Mesopotamian, Indus valley, and Chinese). Types of plans described in Vedic Scripts (Swastika, Karmukha, Dandaka, Padmaka, etc.) Settlements and their physical forms during various dynasties up to the 18th century and during colonization (Case studies – Jaipur, New Delhi, etc.), Town planning after independence (Case studies – Chandigarh, Gandhinagar, Amaravati, etc.). | 12 | 20 |
| 2 | Town Planning after 18th Century The industrial revolution, Evolution of towns as per the functions of the towns, Constraints on city form, Elements of urban structure – Networks, Buildings, open spaces, etc. The form of the modern city in the age of automobile – Inner-city & Suburban area. | 10 | 10 |
| 3 | Utopian Concepts and Contribution of Planners Robert Owen, Georges Eugene Haussmann, Arturo Soria Y Mata, Walter Griffin, Patrick Geddes, Patrick Abercrombie, Tony Garnier, Ebenezer Howard, Daniel Burnham, Le Corbusier, Clarence Perry, Frank Lloyd Wright, CA Doxiades, Lucio Costa. (Case studies – Garden Cities, Satellite Towns, first-generation Towns, and New Towns). | 12 | 20 |
| 4 | Theories of Urban Planning Scope, purpose, and methods of Planning, the nature, and purpose of Town and Country Planning at National, Regional and local levels. Land-use planning, determinants of Land Use and spatial patterns of urban land use, Concentric Zone model, Sector model, Multiple Nuclei model, etc. The economic base of the city, the parts of the town and their relationship, planning standards, site layout and development, zoning, and Building | 12 | 20 |



| | | | |
|---|---|-----------|------------|
| | Bye-Laws. | | |
| 5 | <p>Settlement Analysis Methods of analysis of Socio-Economic and Physical data; Use of techniques of Location Quotient, Coefficient of Localization; Locational attributes of activity and population; Techniques for the Understanding structure of urban areas, land values, and density patterns; space standards for facility areas, utilities, and networks; Population, Distance criteria; Performance standards; Case studies.</p> <p>Plan Preparation Techniques The setting of Goals and Objectives; Methodologies for preparation of structure plan and strategy plan techniques; plan implementation techniques; public participation and plan implementation; techniques of urban renewal and central area redevelopment; Contents of a structured plan</p> | 14 | 30 |
| | Total | 60 | 100 |

Suggested Specification table with Marks (Theory): 60

| Distribution of Theory Marks (Revised Bloom's Taxonomy) | | | | | | |
|--|--------------------|----------------------|--------------------|----------------|-----------------|---------------|
| Level | Remembrance (R) | Understanding (U) | Application (A) | Analyze (N) | Evaluate (E) | Create (C) |
| Weightage | 20% | 30% | 30% | 10% | 10% | NA |

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Course Outcome:

| | |
|--|--|
| After learning the course, the students should be able to: | |
| CO1 | Have a better understanding of Ancient, medieval and modern planning practices |
| CO2 | Evaluate the works of prominent urban philosophers and Planning theories |
| CO3 | Gain a better understanding of Urban & Regional Planning techniques |
| CO4 | Understanding the process and preparation of structure plan |

List of Assignment

Assignment and tutorial base on above mention topic.



Instructional Method:

The course delivery method will depend upon the requirement of content and need of students. The teacher in addition to conventional teaching method by black board, may also use any of the tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.

From the content 10% topics are suggested for flipped mode instruction.

Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses, Virtual Laboratory

The internal evaluation will be done on the basis of Active Learning Assignment

Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in laboratory.

Web links and Video Lectures (e-Resources):

1. Planetizen Courses:
<https://www.youtube.com/c/PlanetizenCourses>

Reference Books:

- [1] Town planning in India, Rangwala, 2015, Charotar Book Distributors, India, 28th Ed.
- [2] Ancient Town Planning in India, Dutta, 2009, Isha Books, India.
- [3] Cities in Evolution, P. Geddes, 1915, McGraw Hill
- [4] Urban and Regional Planning, K.S. Ramegowda, 1972, Prasaranga, University of Mysore

