

M. Tech. I - Semester - II

Subject Name: Legislation in Urban Planning

Subject Code: MTTC14205

Type of course: PE IV

Prerequisite: Basic understanding on urbanization, issues of urbanization, constitutional provisions

Rationale: The course help gaining the understanding on issues and problems occurring in various transactions and make ways to resolve the issues and encouraging entire urban development. Also, the course focuses on professional ethics and practices to be followed in planning profession.

Teaching and Examination Scheme:

TEACHING SCHEME				Theory Marks			Practical Marks		Total
L	T	P	C	TEE	CA1	CA2	TEP	CA3	150
3	0	2	04	60	25	15	30	20	

CA1: Continuous Assessment (assignments/projects/open book tests/closed book tests **CA2:** Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems **TEE:** Term End Examination **TEP:** Term End Practical Exam (Performance and viva on practical skills learned in course) **CA3:** Regular submission of Lab work/Quality of work submitted/Active participation in lab sessions/viva on practical skills learned in course

Content:

Sr. No.	Topics	Teaching Hrs.	Module Weightage
1.	Policy and Acts National Environmental Policy Act; Environmental Protection Act; Land Acquisition Act: Concepts, procedure for compulsory acquisition of property and determination of compensation. Acts pertaining to SEZ; disaster management, and legal aspects of innovative techniques such as Transfer of Development Rights, Accommodation Reservation (AR), Air Rights, Climate change and urban development etc	03	20%
2.	Law, Indian Constitution Evolution of Planning Legislation Sources of law: custom, legislation and precedent; Meaning and terms of law: legislation, ordinance, bill, act, regulation, and bye-laws; Significance of law and its relationship to urban and regional planning, benefit of statutory backing, eminent domain powers and police powers; Concepts and contents related to planning, provision regarding property rights, legislative competence of Local, State and Central government to deal	24	20%

	with various matters concerning Town and Country Planning; An over view of legal tools connected with urban and regional planning and development. Town and Country Planning Act, Improvement Trust Act, Development Authorities Act: objectives, content, procedures for provision an implementation of regional plans, master plans and town planning schemes; Concept of Arbitration, betterment levy development charges and public participation in statutory planning process, concept of structure plan, local plan and action plan under the Law. Interface between policy and legislation pertaining to urban development.		
3.	Habitat Laws and Significance of Land Development Control Laws relating to Slum Clearance, environment, housing, landscape and traffic, Laws relating to conservation and restoration, historical monuments, archaeological sites and remnants of national importance; contract management and execution of projects; RAY; NULM mission, Model State Affordable Housing Policy for Urban Areas; Role of CRGFTLIH; Objectives of legal tools, Role of MHUPA, critical evaluation of zoning, subdivision regulations, building regulations and bye-laws, development code zoning, periphery control, land conversion in the peri-urban areas.	3	30%
4	Professional Practice Aims and objectives of professional institute, sister bodies, professional role and responsibility of planning consultants, professional ethics and code of conduct and scale of professional charges. International Agreements (ICC INCOTERMS, GATT and WTO) and its impact in India. Formulation of Consultancy project proposal and outlines (EOI, RFP, etc); Proposal Evaluation (QCBS, CBS, etc.) Formulation of Consultancy Contract Agreement and Contract Management Scale of Professional Charges, and Collaborative projects; Framework for mobile governance; Role of InterDisciplinary groups; appreciation of decision making process and the process in relation to varied consultancy assignments in planning. Management of office and personnel.	5	30%

Suggested Specification table with Marks (Theory/Practical):

% Distribution of Marks					
R Level	U Level	A Level	N Level	E Level	C Level
10	20	20	10	20	20

Legends: R: Remembrance, **U:** Understanding; **A:** Application, **N:** Analyze, **E:** Evaluate **C:** Create and above Levels (**Revised Bloom's Taxonomy**)

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.

Reference Books:

Sr no	Title of book /article	Author(s)	Publisher and like ISBN	Year of publication	Publication Edition
1	Development of India's Urban and Regional Planning in 21st Century: Policy Perspective	Gopal Bhargava	Gyan Publishing House; ISBN: 9788121207140	2002	-
2	The Indian Constitution : Cornerstone of a Nation	Granville Austin	Oxford University Press; ISBN-10: 0195649591	1999	-
3	Planning Law and Practice	J Cameron Blackhall	Taylor & Francis Ltd; 3rd Edition, 2005; ISBN: 9781859417485	2005	3rd Edition
4	Urban Development Debates in the New Millennium	K. R. Gupta , Prasenjit Maiti	Atlantic Publishers; ISBN: 9788126903900	2004	-

Course Outcome:

Sr. No.	CO Statement After learning this subject, students will be able to	Marks % weightage
CO-1	To develop data collection and analytical skills through field surveys and analysis for the purposes of plan preparation. (U,N,E cognitive level)	20
CO-2	To apply theoretical concepts to real world situations. (A,N,E cognitive level)	30
CO-3	To develop sensitivity to group dynamics and team work. (A,R,E cognitive level)	20
CO-4	To apply solutions to the problems in the most legal way possible (U,N,R cognitive level)	20
CO-5	To understand legal issues that come along the way while planning of	10

	administrative buildings	
--	--------------------------	--

Major Equipment:

1. Bentley software and Computers with higher configuration and internet, server

List of Open Source/learning website:

- CAD drafting tools U S Army Corps of Engineers (<http://www.hec.usace.army.mil/software/>)
- MATSim (<http://www.matsim.org/downloads>)
- TRANSIMS (<http://sourceforge.net/projects/transims/>)
- EPANET (<http://www.epa.gov/nrmrl/wswrd/dw/epanet.html>)
- GHydraulics (<http://epanet.de/ghydraulics/>)
- Innovating for sustainable infrastructure (<http://www.innovyze.com/>)
- <https://vlab.amrita.edu/?sub=2>
 - Detail of coverage as per syllabus
- <https://nptel.ac.in/courses/104/101/104101090/>
 - Detail of coverage as per syllabus
- <https://nptel.ac.in/courses/105/104/105104102/>
 - Detail of coverage as per syllabus
- <https://nptel.ac.in/courses/113/104/113104082/>
 - Detail of coverage as per syllabus
- <https://nptel.ac.in/courses/104/105/104105124/>
 - Detail of coverage as per syllabus
- <https://nptel.ac.in/courses/104/106/104106122/>
 - Detail of coverage as per syllabus