

**M. PLANNING
(URBAN PLANNING)**

MRSPTU
STUDY SCHEME

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

FIRST SEMESTER

S. No	Code	Subject	Hrs. per Week		End Semester Exam/ External Jury (Marks)	Internal Assessment (Marks)	Credits (T)	Credits (P)	Total Credit
FIRST SEMESTER									
1	MARPL1-101	Planning History and Theory	3	--	50	50	3	--	3
2	MARPL1-102	Socio-economic basis for Planning	3	--	50	50	3	--	3
3	MARPL1-103	Planning Techniques	3	--	50	50	3	--	3
4	MARPL1-104	Infrastructure and Transport Planning	3	--	50	50	3	--	3
5	MARPL1-105	Housing Environments and Planning	3	--	50	50	3	--	3
6	MARPL1-106	Basic Planning Techniques	3	--	--	100	3	--	3
7	MARPL1-107	Planning Studio	--	12	150	250	--	6	6
Sub-Total			18	12	400	600	18	6	24
SECOND SEMESTER									
1	MARPL1-201	City and Metropolitan Planning	3	--	50	50	3	--	3
2	MARPL1-202	Infrastructure Planning	3	--	50	50	3	--	3
3	MARPL1-203	Urban Heritage Conservation	3	--	50	50	3	--	3
4	MARPL1-204	Advanced Planning Techniques	3	--	50	50	3	--	3
5	MARPL1-205	Urban Planning Studio - I							
		Geo-Informatics – I	3	--	50	50	3	--	3
		Development Plan	--	12	150	250	--	6	6
6	MARPL1-206 (Elective)	Inclusive Urban Planning	3	--	50	50	3	--	3
	MARPL1-207 (Elective)	Planning for Tourism							
7	Mandatory Training of Six Weeks after Second Semester during Summer Vacation								
Sub-Total			18	12	450	550	18	6	24

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THIRD SEMESTER									
1	MARPL1-301	Urban Development and Management	3	--		50	3	--	3
2	MARPL1-302	Project Planning and Management	3	--	50	50	3	--	3
3	MARPL1-303	Urban Governance	3	--	50	50	3	--	3
4	MARPL1-304	Politics and Planning	3	--	50	50	3	--	3
5	MARPL1-305	Urban Planning Studio - II							
		Geo-Informatics – II	3	--	50	50	3	--	3
		Management and Governance Plan	--	12	150	250	--	6	6
6	MARPL1-306 (Elective)	Environment, Development and Disaster Management	3	--	50	50	3	--	3
	MARPL1-307 (Elective)	Energy, Climate Change and Urban Development							
7	MARPL1-308	Review of Six Weeks Mandatory Training during Summer Vacation after Second Semester.							
Sub-Total			18	12	450	550	18	6	24
FOURTH SEMESTER									
1	MARPL1-401	Development Finance	3	-	50	50	3	--	3
2	MARPL1-402	Legal Issues and Professional Practice	3	-	50	50	3	--	3
3	MARPL1-403	Thesis	--	24	300	500	--	12	12
Sub-Total			6	24	400	600	6	12	18
Grand Total			60	60	1700	2300	60	30	90

- Note:
- (1) Credits for Theory: One Credit for one hour of teaching per week.
 - (2) Credits for Practical: One Credit for two hours of practical per week.
 - (3) Six Weeks Training after Second Semester during the summer vacation is **mandatory** for which the Review will be held in Third Semester.

SYLLABUS
1ST SEMESTER

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Name of the Subject: PLANNING HISTORY AND THEORY		
Subject Code: MARPL1-101	Semester: First	
Duration: 48 Hours	Maximum Marks: 100	Credits: (3 + 0) = 3
Teaching Scheme		Examination Scheme
Lecture : 3 hrs/week	End Semester Exam: Marks 50	
Practical : --	Internal Assessment: Marks 50	
Aim: To study History and Theory of Urban and Regional Planning.		
Objective:		
1.	To study Evolution of Cities and History of Planning.	
2.	To study Theories of City Development.	
Pre-Requisites: --		
Contents		Hrs
Unit - 1	Evolution of City Building Relevance of the study of evolution of settlements; Hunter, gatherer, farmer and formation of organized society; Cosmological and other influences, origins and growth of cities, effects of cultural influence on physical form; Human settlements as an expression of civilizations; Basic elements of the city; Concepts of space, time, scale of cities.	9
Unit - 2	Planning History Town planning in ancient India; Medieval, renaissance, industrial and post industrial cities; City as a living spatial entity; Concepts of landmark, axis, orientation; City form as a living space; City as a political statement: New Delhi, Chandigarh, Washington D.C. Brasilia etc; Contribution of individuals to city planning: Lewis Mumford, Patrick Geddes, Peter Hall, etc; Dynamics of the growing city, impact of industrialization and urbanization, metropolis and megalopolis.	15
Unit - 3	Definitions and Objectives of Planning Definitions of town and country planning; Orthodoxies of planning; Goal formulation, objective, scope, limitations; Sustainability and rationality in planning; Components of sustainable urban and regional development.	9
Unit - 4	Theories of City Development and Planning Theories Theories of city development including Concentric Zone Theory, Sector Theory, Multiple Nuclei Theory and other latest theories; Land use and land value theory of William Alonso; Ebenezer Howard's Garden City Concept; and Green Belt Concept; City as an organism: a physical, social, economic and political entity; Emerging Concepts: global city, inclusive city, safe city, etc.; City of the future and future of the city; Shadow cities, divided cities; Models of planning: Advocacy and Pluralism in Planning; Systems approach to planning: rationalistic and incremental approaches, mixed scanning and middle range planning; Equity planning; Political Economy Model; Types of development plans, plan making process.	15

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Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1	Hall, P.	Cities of tomorrow: an intellectual history of urban planning and design in the twentieth century,	2001	Blackwell, London.
2	Birch, E.L. and Silver, C.	One Hundred Years of City Planning's Enduring and Evolving Connections, Journal of the American Planning Association, Vol.75, Issue 2, pp.113-122.	2009	
3	Sandercock, L.	Making the Invisible Visible: A Multicultural Planning History	1998	University of California Press, London.
4	Brooks, M.P.	Four critical junctures in the history of the urban planning profession: An exercise in hindsight, Journal of the American Planning Association, Vol. 54, Issue 2, 241-248.	1988	
5	McLoughlin, J. B.	Urban and Regional Planning. A systems approach,	1969	Faber and Faber, London.
6	Faludi, A.	A Reader in Planning Theory,	1973	Pergamon Press, London.
7	Healey, P.	Collaborative Planning: Shaping Places in Fragmented Societies	1997	Macmillan, London.
8	Peter, G.H. and Tewdwr-Jones, M.	Urban and Regional Planning,	2011	Routledge, London. Edition.
List of Exercises / Practicals:				
1	Visit to Planning Organization / Department and submit Report on adoption of Concepts and Theories by them.			
List of Assignments/Tests:				
1	Test on Unit 1 or Unit 2.			
2	Assignment on Unit 4.			

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.

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2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

Name of the Subject: SOCIO - ECONOMIC BASIS FOR PLANNING		
Subject Code: MARPL1-102	Semester: First	
Duration: 48 Hours	Maximum Marks: 100	Credits: (3 + 0) = 3
Teaching Scheme		Examination Scheme
Lecture : 3 hrs/week	End Semester Exam: Marks 50	
Practical : --	Internal Assessment: Marks 50	
Aim: To develop understanding with relevance to Socio-economic Issues in Urban and Regional Planning.		
Objective:		
1.	To study Socio-cultural Profile of Indian Society in the context of Urban and Rural Settlements.	
2.	To study the Economic Growth and Development of Urban and Rural Settlements.	
Pre-Requisites: --		
Contents		Hrs
Unit - 1	Nature and Scope of Sociology Sociological concepts and methods, man and environment relationships; Socio- cultural profile of Indian society and urban transformation; Tradition and modernity in the context of urban and rural settlements; Issues related to caste, age, sex, gender, health safety, and marginalized groups; Displacement, resettlement and rehabilitation due to compulsory land acquisition.	9
Unit - 2	Community and Settlements Social problems of slums and squatters communities, urban and rural social transformation and their impact on social life, safety, security; Crimes in urban areas and their spatial planning implications, social structure and spatial planning; Role of socio-cultural aspects on growth patterns of city and neighbourhood communities; Social planning and policy, and community participation; Marginalization and concepts of inclusive planning, and gender concerns in planning. Settlement Policy: National Commission on Urbanization, Rural Habitat Policy and experiences from developing countries regarding settlement structure, growth and spatial distribution.	15
Unit - 3	Elements of Micro and Macro Economics Concepts of demand, supply, elasticity and consumer markets; concept of revenue costs; Economies of scale, economic and social costs, production and factor market; Different market structures and price determination; market failures, cost-benefit analysis, public sector pricing; Determinants of national income, consumption, investment, inflation, unemployment, capital budgeting, risk and uncertainty, and long-term investment planning.	12

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Unit - 4	Development Economics and Lessons from Indian Experiences Economic growth and development, quality of life; Human development index, poverty and income distribution, employment and livelihood; Economic principles in land use planning; Policies and strategies in economic planning, balanced versus unbalanced growth, public sector dominance; changing economic policies, implications on land.	12
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Text / Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	N. Jayapalan	Urban Sociology	2002	Atlantic Publishers & Distributors, New Delhi
2.	William G. Flanagan	Urban Sociology-images and Structures	2010	Rowman & Littlefield Publishers Inc
3.	Mani Monto, L.S. Ganesh & K. Verghese	Sustainability and Human Settlements: Fundamental Issues, Modeling and Simulation	2005	SAGE Publications Pvt. Ltd, New Delhi
4.	Dr. D N Dwivedi	Principles of Economics	2006	Vikas Publishing House
5.	Karl E. Case	Principles of Economics	2009	Pearson Education
6.	Jhingan, M	The Economics of Development and Planning	1998	Vrinda Publications, Delhi,

List of Exercises / Practicals:

1.	Visits to a Village / Small town to ascertain Socio-economic Impact of Development and submit Report.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 3.
2	Assignment on Unit 2 or Unit 4

INSTRUCTIONS TO QUESTION PAPER SETTER

- One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
- The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

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Name of the Subject: PLANNING TECHNIQUES				
Subject Code: MARPL1-103		Semester: First		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To study Mapping and Survey Techniques and Spatial Standards.				
Objective:				
1.	To study the Database for Physical Surveys and Techniques of preparation of Base Maps.			
2.	To study the Methods of Population Forecast and Projections.			
Pre-Requisites: --				
Contents				Hrs
Unit - 1	Survey Techniques and Mapping Data base for physical surveys including land use, building use, density, building age, etc., and socio-economic surveys; Survey techniques; Land use classification or coding and expected outputs; Techniques of preparing base maps including understanding the concepts of scales, components and detailing for various levels of plans like regional plan, city plan, zoning plan, and local area plan.			12
Unit - 2	Analytical Methods Classification of regions, delineation techniques of various types of regions, analysis of structure of nodes, hierarchy, nesting and rank size; Scalogram, sociogram, etc.; Planning balance sheet; Threshold analysis; Input output analysis, SWOT analysis;			15
Unit - 3	Demographic Methods Methods of population forecasts and projections; Lorenz Curve, Ginni Ratio, Theil's index, ratios: urban – rural, urban concentration, metropolitan concentration; Location dimensions of population groups – social area and strategic choice approach – inter connected decision area analysis.			12
Unit - 4	Planning Standards Spatial standards, performance standards and benchmarks, and variable standards; UDPFI guidelines, zoning regulations and development control rules and regulations.			9
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1	Margaret Robert	An introduction to town planning techniques	1974	Hutchinson Educational, University of California
3	Ian Braken	Urban Planning Methods	2007	Routledge,
4	Kruekeberg D. A. and Silvers A. A.	Urban Planning Analysis	1988	John Willey and Sons Inc.

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List of Exercises / Practicals:

1	Visit to a Local Body / Development Authority and submit report with relevance to adoption of Planning Techniques by them.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

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Name of the Subject: INFRASTRUCTURE AND TRANSPORT PLANNING		
Subject Code: MARPL1-104	Semester: First	
Duration: 48 Hours	Maximum Marks: 100	Credits: (3 + 0) = 3
Teaching Scheme		Examination Scheme
Lecture : 3 hrs/week	End Semester Exam: Marks 50	
Practical : --	Internal Assessment: Marks 50	
Aim: To study the Elements of Infrastructure and Role of Transport in Urban and Regional Planning.		
Objective:		
1.	To study the Elements of Physical Infrastructure and its Management.	
2.	To study the Basic Principles of Urban Transport Planning and Infrastructure.	
Pre-Requisites: --		
Contents		Hrs
Unit - 1	Role of Infrastructure in Development Elements of Infrastructure (physical, social, utilities and services); Basic definitions, concepts, significance and importance; Data required for provision and planning of urban networks and services; Resource analysis, provision of infrastructure, and land requirements; Principles of resource distribution in space; Types, hierarchical distribution of facilities, Access to facilities, provision and location criteria, Norms and standards, etc.	9
Unit - 2	Planning and Management of Water, Sanitation and Storm Water Water – sources of water, treatment and storage, transportation and distribution, quality, networks, distribution losses, water harvesting, recycling and reuse, norms and standards of provision, institutional arrangements, planning provisions and management issues; Sanitation – points of generation, collection, treatment, disposal, norms and standards, grey water disposal, DEWATS, institutional arrangements, planning provisions and management issues. Storm water – rainfall data interpretation, points of water stagnation, system of natural drains, surface topography and soil characteristics, ground water replenishment, storm water collection and disposal, norms and standards, institutional arrangements, planning provisions and management issues;	15
Unit - 3	Planning and Management of Municipal Wastes, Power and Fire Municipal and other wastes – generation, typology, quantity, collection, storage, transportation, treatment, disposal, recycling and reuse, wealth from waste, norms and standards, institutional arrangements, planning provisions and management issues. Power – Sources of power procurement, distribution networks, demand assessment, norms and standards, planning provisions and management issues. Fire – History of fire hazards, vulnerable locations, methods of fire fighting, norms and standards, planning provisions and management issues.	9
Unit - 4	Transport Infrastructure Planning, Management and Design Role of transport, types of transport systems, evolution of transport modes, transport problems and mobility issues; Urban form and Transport patterns, land use – transport cycle, concept of accessibility; Hierarchy, capacity and geometric design elements of roads and intersections; Basic principles of Transport infrastructure design; Traffic and transportation surveys and studies, traffic and travel characteristics; Urban transport planning process – stages, study area, zoning, data base, concept of trip generation Transport,	15

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	environment and safety issues; principles and approaches of traffic management, transport system management.	
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Text / Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1	Mohinder Singh and L.R. Kadiyali	Crisis in road transport	1989	Konark Publishers Pvt. Ltd. , New Delhi
2	L. R. Kadiyali	Traffic engineering and transportation planning	2007	Khanna Publishers, New Delhi
3	Mukerjee S. and Chakraborty D. (Eds)	Environmental scenario in India	2012	Routledge, London
4	Sameer Kochhar, Deepak B. Phatak, H. Krishnamurthy, Gursharan Dhanjal, (eds)	Infrastructure and Governance	2008	Academic Foundation, New Delhi

List of Exercises / Practicals:

1	Visit to a Local Body / Development Authority and submit report relevant with Infrastructure and Transport Planning.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 3 or Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

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Name of the Subject: HOUSING ENVIRONMENTS AND PLANNING		
Subject Code: MARPL1-105	Semester: First	
Duration: 48 Hours	Maximum Marks: 100	Credits: (3 + 0) = 3
Teaching Scheme		Examination Scheme
Lecture : 3 hrs/week		End Semester Exam: Marks 50
Practical : --		Internal Assessment: Marks 50
Aim: To provide an Exposure to the Basic Housing and Planning Concepts and Issues.		
Objective:		
1.	To introduce the Basic Definitions, Concepts and Socio-economic Dimensions related to Housing.	
2.	To provide a basic understanding of Housing at the Neighborhood and City level and to appreciate the Housing Sector as an Integral Sector of Overall Town Planning System.	
Pre-Requisites: --		
Contents		Hrs
Unit - 1	Concepts and Definitions Shelter as a basic requirement, determinants of housing form, Census of India definitions, Introduction to policies, housing need, demand and supply, dilapidation, structural conditions, materials of constructions, housing age, occupancy rate, crowding, housing shortage, income and affordability, poverty and slums, houseless population. Various housing typologies viz. traditional houses, plotted development, group housing, multi-storied housing, villas, chawls, etc.	12
Unit - 2	Social and Economic Dimensions Housing as social security, role of housing in development of family and community well-being, status and prestige related to housing, safety, crime and insecurity, deprivation and social vulnerability, ghettoism, gender issues, housing for the elderly. Contribution of housing to micro and macro economy, contribution to national wealth and GDP, housing taxation, national budgets, fiscal concessions, forward and backward linkages.	12
Unit - 3	Housing and the City Understanding housing as an important land use component of city plan / master plan, considerations for carrying out city level housing studies, projections, land use provisions; Suitability of land for housing, housing stress identification, projecting housing requirements, calculating housing shortages, housing allocation.	12

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Unit - 4	Housing Environments Slums and squatters, night shelters, public health issues related to housing, various theories of housing, concept of green housing, green rating of housing projects; basic services for housing neighborhoods. Approaches to neighborhood living in traditional and contemporary societies, elements of neighborhood structure, Planning and design criteria for modern neighborhoods, norms and criteria for area distribution, housing and area planning standards, net residential density and gross residential density, development controls and building byelaws, UDPFI guidelines, NBC 2005 provisions and Case studies of neighborhood planning.	12
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Text / Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Dwyer, D.J.	People and Housing in Third World Cities	1981	Orient Longman
2.	Beyer Glen H,	Housing : a factual analysis	1958	The Macmillan Co. NY
3.	Abrams, Charles	Man's Struggle for Shelter in an Urbanizing World	1964	MIT, Harvard
4.	Payne, Geoffrey	Urban Housing in the Third World	1977	Routledge and Keegan Paul, USA
5.	Al Nichols, Jason Laros	Inside the Civano Project (Green Source Books): A Case Study of Large-Scale Sustainable Neighborhood Development (Mcgraw-Hill's Green source Series)	2009	McGraw-Hill Professional
6.	Douglas Farr	Sustainable Urbanism: Urban Design With Nature	2007	John Wiley & Sons
7.	Aromar Revi	Shelter in India - Sustainable Development Series	1990	StosiusInc / Advent Books Division
8.	International Institute for Energy Conservation	Eco housing Assessment criteria Version II	2009	USAID

List of Exercises / Practicals:

1	Visit to Regional Office of HUDCO or State Housing Board and submit report.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

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Name of the Subject: BASIC PLANNING TECHNIQUES		
Subject Code: MARPL1-106	Semester: First	
Duration: 48 Hours	Maximum Marks: 100	Credits: (3 + 0) = 3
Teaching Scheme	Examination Scheme	
Lecture : 3 hrs/week	End Semester Exam: Marks --	
Practical : -- hrs / week	Internal Assessment: Marks 100	
Aim: To study sources of demographic data and applications for GIS and remote sensing for Urban and Regional Planning.		
Objective:		
1.	To study GIS Applications and principles of remote sensing.	
2.	To study sources of demographic data and statistical applications.	
Pre-Requisites: --		
Contents		Hrs
Unit - 1	GIS Applications Coordinate system and geo-coding, vector data structure and algorithms, raster data structure and algorithms, data bases for GIS – concepts, error modeling and data uncertainty, decision making through GIS, constructing spatial data infrastructure and spatial information system; National Urban Information system.	12
Unit - 2	Remote Sensing Why remote sensing, aerial and satellite remote sensing, principles of aerial remote sensing, Aerial photo-interpretation, photogrammetry, stereovision, measurement of heights / depths by relief displacement and parallax displacement. Principles of satellite remote sensing, spatial, spectral, temporal resolutions. Applications in planning, population estimation, identification of squatter / unauthorized areas, sources of pollution, etc., spatial resolution related to level of Planning	12
Unit - 3	Demography Sources of demographic data in India, Settlement type, growth pattern and structure: urban settlement analysis, Concentration: spatial, vertical and size, peri- urban sprawl, economic base; Rural Settlements – Size, occurrence and character, transformation, Policies towards various size class settlements. Population structure and composition – Age, sex, gender, marital status, caste, religion, literacy level, etc.; Age - sex ratio, structure, pyramid; dependency ratio; occupational structure; Fertility; mortality, migration analysis, natural growth of population, migration and its implications in spatial planning;	12
Unit - 4	Statistical Applications General concepts - statistical interference, population and samples variables, Sampling, simple statistical models, Measures of central Tendency, Measures of Dispersion, Measures of shape of distribution, Correlation and	12

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Text / Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Longley Paul, A., et. al	Geographic Information Systems and Science	2001	John Wiley & Sons Ltd., New York.
2.	Bhatia, S.C.	Fundamentals of Remote Sensing	2008	Actantic Publishers, Delhi
3.	Sinha, V.C. and Acharia, E.	Elements of Demography	1984	Allied Pub., Delhi
4.	Dixon, W.J. and Massey, F.J.	Introduction to Statistical Analysis	1951	McGraw Hill, New York.

List of Exercises / Practicals:

1	Visit to NSO and Institute of Remote Sensing or Organizations using GIS and submit report.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 3 or Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

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Name of the Subject: PLANNING STUDIO		
Subject Code: MARPL1-107	Semester: First	
Duration: 192 Hours	Maximum Marks: 400	Credits: (0 +8) = 8
Teaching Scheme		Examination Scheme
Lecture : -- hrs/week	End Semester Exam: Marks 150 (Viva-Voce only)	
Practical : 12 hrs / week	Internal Assessment: Marks 250	
Aim: To provide Appreciation of Site Planning, Area Planning, and City Development Plan.		
Objective:		
1.	To understand Development Issues.	
2.	To appreciate Contextual location of Area in relation to City.	
Pre-Requisites: --		
Content		
First Assignment		
Film Appreciation (Individual Assignment)		
Films related to city development and socio-economic issues will be screened for students. The purpose of these films is to educate the students' understanding of various development issues and to absorb them in the planning practice. At the end of the film, a discourse around the film will also be held.		
After viewing the films, each student is expected to write about its main focus, city / region context, its applicability to Indian environment by answering the given questions in not more than half a page.		
Second Assignment		
Literature Review (Individual Assignment)		
Each student is expected to read the article given from a journal / book and write a summary of not more than a page (250 words only) highlighting the problem, approach, methodology, analysis, how the author arrived at the conclusion and its relevance to Indian context. There will be a negative marking for writing the same text as in the original (that is copying from the original text given to them).		
Third Assignment		
Area Appreciation (Individual Assignment)		
The aim of the area appreciation exercise is to enable the students to understand and contextualize the location of the area in relation to the city, zone and area in which the particular place is situated. This is done in relation to the socio-economic, spatial and cultural characteristics of that city, zone, location, etc. The main purpose is to make the students appreciate the locational attributes of land parcels for future development in a city.		
Due to the size of the area, this exercise is done in groups of students being assigned to a particular area.		
The following planning issues at area level should be identified:		
<ul style="list-style-type: none"> • Review of the Master Plan / Zonal / Area plan in relation to the selected areas. • Appreciation / Analysis of ward level data. • Perception of areas in terms of legal / illegal / authorized / unauthorized, Slums, Urban Aesthetics. • Social Categorizations of people - Type of population living, people's perception about area and its planning problems. 		

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- Land use including Agriculture land and land use conflicts, extent (%) of broad land use such as commercial, industrial, residential, institutional and recreational.
- Extent of formal / informal activities present in the area including their location and conflicts.
- General land tenure of the area and land value for different uses.
- Major types of transport, type of roads, hierarchy of roads, type of transport modes used.
- Amenities: Location of Social and Physical infrastructure and their problems as perceived by local population. Look for specific infrastructure such as Water supply, drainage (water logging areas), waste collection and disposal system, sanitation, etc.
- Environmental Issues: Open Spaces – Availability and extent of open space to built-up area, garbage disposal, encroachment (through photographic evidences and sketches).
- Locating the study area in the zone, city and regional context with respect to all the above aspects.

Fourth Assignment

Site Planning (Individual Assignment)

Site planning is a process whereby the optimum utilization of potential of site is considered recognizing the constraints the site has. It uses 3 dimensional space of the site and the associated locational advantages, human activities and the regulations that are assigned to a particular site.

The site is developed using a set of standards / norms in a given context which varies from location to location. A student is expected to understand the intricacies and interface between various variables such as soil conditions, topography, environmental dimensions, location, spatial standards applicable to the site, etc.

Fifth Assignment

City Development Plan (Group Assignment)

A City is a multi-dimensional, dynamic and a futuristic space. Understanding city involves appreciating this multi direction, and include them in the city making process. A job of physical planner does not merely understand the current conflict in development but to emerge out of this and to come out with a vision for the city. To arrive at this vision, a planner needs to understand the dynamics of various components of the city and how and what level interventions can be made to achieve that vision.

A group of students are expected to study a city in terms its present problems and issues and project a futuristic vision in terms of scenario building.

Text / Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Lynch, Kevin	Site Planning		
2.	Smith, Carl, et. al.,	Residential Landscape Sustainability – A Checklist Tool	2008	Blackwell Pub., Oxford
3.	Ministry of Urban Development	Revised Tool Kit for Preparation of CDP	2009	Government of India, New Delhi

List of Exercises / Practicals:

1	Visit to Local Planning Agency and Field Visit for Data Collection and submit Report.
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List of Assignments/Tests:

1	Marked Reviews on all Units.
2	Internal and External Jury.

2nd SEMESTER
MRSPTU

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

Name of the Subject: CITY AND METROPOLITAN PLANNING				
Subject Code: MARPL1-201		Semester: Second		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To study the Growth of Metro and Mega Cities and their relationship with their respective Regions; and spatial planning approaches for their Planned Development.				
Objective:				
1.	To study City – Region Linkages and problems of Metro and Mega Cities.			
2.	To study Urban Development Policies and Problems.			
Pre-Requisites: --				
Contents				Hrs
Unit – 1	Urban Growth and System of Cities Growth of cities scale, complexity and its impact on national development, cities as engines of growth, cities as ecosystems, resources in cities.			9
Unit – 2	City – Region Linkages City, fringe and the periphery - physical and functional linkages, peri-urban development.			9
Unit – 3	Metro and Mega Cities: Problems and Issues Growth trends and processes, characteristics, problems, concepts and concerns of urban sustainability, issues related to diversity and unintended growth, economic, social and environmental sustainability, quality of life, inclusivity and equity, climate change, transit oriented development, participatory planning. Inner city – issues and problems, approach to development.			15
Unit – 4	Human Settlement Planning, Urban Development Policies and Programmes Concepts, approaches, strategies and tools; Policies and programmes at various levels, impact on metro and mega city development.			15
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	ITPI	City and Metropolitan Planning and Design		ITPI, New Delhi
2.	Ramachandran, R	Urbanization and Urban Systems in India	1998	Oxford University Press, New Delhi
3.	Bawa, V. K.	Indian Metropolis: Urbanization, Planning and Management	1987	Inter-India Publications, New Delhi

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(UPDATED ON 16.10.2019)

4	MMRDA	Madras 2011: A New Perspective for Metropolitan Management	1991	MMRDA, Chennai
5	NCRPB	Regional Plan 2021	2005	NCRPB, New Delhi
6	DDA	Master Plan for Delhi 2021	2010	DDA, New Delhi
7	Misra, R.P. & Misra, K.	Million Cities of India Vol. 1&2	1998	Sustainable Development Foundation, New Delhi

List of Exercises / Practicals:

1	Visit to a City / Metropolitan Planning and Development Agency and submit report.			
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.			
2	Assignment on Unit 3 or Unit 4.			

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

Name of the Subject: INFRASTRUCTURE PLANNING				
Subject Code: MARPL1-202		Semester: Second		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To study the Significance of Infrastructure in Urban and Regional Planning and Development.				
Objective:				
1.	The Role and Significance of Infrastructure in Habitat Planning and in inducing Peoples' Participation in the Planning Process.			
2.	To understand the importance of different Sectors and their Mutual Interdependence.			
Pre-Requisites: --				
Contents				Hrs
Unit – 1	Water Supply and Sanitation Quantity and quality, source of supply, transmission and distribution, treatment methods, design guidelines. Sanitation – concepts, disposal systems, low cost sanitation options; engineering aspects of sewage disposal; Wastewater – generation, disposal system Storm water drainage – systems			12
Unit – 2	Solid Waste Disposal and Management Basic principles, generation, characteristics, collection, disposal, management.			12
Unit – 3	Fire and Electrification, and Social Infrastructure Planning for fire protection, services and space standards, location criteria; Planning for Education, health, civic, cultural infrastructure			12
Unit – 4	Traffic and Transportation Planning for infrastructure and facilities for transport			12
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1	Gathe Donald E.; Billings, R. Bruce; Buras, Nathan,	Managing urban water supply	2003	Dordrecht, Kulwer Academic Press.
2	Ghosh, G.K.	Water of India	2000	A.P.H.Publishing Corporation
3	Yadav, Satish	Water Problems and its Management,	2004	Hope India Publications
4	W'Mays Larry	Urban Water Supply Handbook	2002	McGraw Hill Handbook

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5	Butter, David	Urban Drainage	2004	David Butter & John W. Davis Spon Press (11nd Edition) London & New York, 2004.
6.	Nathanson, J.A.; John, P.E., Wiley & Sons, N.R. Brisbane	Basic Env. Technology: Water Supply, Waste Disposal & Pollution Control.	1986	
7.	Bandela, N.N.; Tare, D.G.	Municipal Solid Waste Management	2009	B.R. Publishing
8.	Holmes, J.R.	Manual on Municipal Solid Waste Management, , The Expert Committee Gol, MoUD, CPNEEO 2000 Managing Solid Waste in Developing Countries	1984	John Pub. John Wiley & Sons, Singapore.

List of Exercises / Practicals:

1	Visit to a Infrastructure Development Agency and submit report.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

Name of the Subject: URBAN HERITAGE CONSERVATION		
Subject Code: MARPL1-203	Semester: Second	
Duration: 48 Hours	Maximum Marks: 100	Credits: (3 + 0) = 3
Teaching Scheme	Examination Scheme	
Lecture : 3 hrs/week	End Semester Exam: Marks 50	
Practical : --	Internal Assessment: Marks 50	
Aim: To develop Understanding with relevance to Sustainable Urban Heritage Conservation.		
Objective:		
1.	To study Natural and Cultural Heritage Conservation.	
2.	To study Policies, Programmes and Legislation for Heritage Conservation.	
Pre-Requisites: --		
Contents		Hrs
Unit - 1	Introduction to Urban Heritage Typology / classification, inventories, mapping; Human habitation in historical context; Heritage as a motivating force in sustainable urban conservation and development,	9
Unit - 2	Heritage Conservation Natural heritage conservation - typologies, policies for conservation, regulatory measures, community participation; Concept of Historic Urban Landscapes; Built heritage conservation - determinants of built form on heritage; Historic urban infrastructure and traditional water harvesting systems. Integration of historic monuments / areas / cores / urban systems in the developmental process and land use, regulatory measures and community involvement; Intangible cultural heritage and development: issues, conservation strategies. Preparation of conservation and heritage management plans.	15
Unit - 3	Heritage and Tourism, Policies and Programmes, Legislation Cultural and heritage based tourism - nature, potential and prospects, marketing aspects; Acts and laws recognizing conservation / regeneration; Heritage toolkit; Implications of 74th Constitution Amendment Act.	9
Unit - 4	Design in Human Habitation Social / cultural / ecological / energy determinants of design; Imagibility of the city; Structure of urban spaces – location criteria of activities and urban uses; Urban Regeneration, renewal, rehabilitation, revitalization, reconstruction and redevelopment - concepts, interventions, processes, approaches and methods, tools.	15

Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

1.	Luigi Fusco Girard and Peter Nijkamp (editors)	Cultural Tourism and Sustainable Local Development	2009	Ashgate, Burlington
2.	Nirmala Rao Khadpekar	Urban revitalization : perspectives and initiatives /	2008	ICFAI University Press
3.	Richard Longstreth (editor)	Cultural Landscapes: Balancing Nature and Heritage in Preservation Practice	2008	University of Minnesota a Press
4.	Cohen, Naoum	Urban Planning Conservation and Preservation	2001	McGraw-Hill
5.	Ismailb Serageldin, Ephim Shluger, Joan Martin- Brown (editors)	Historic Cities and Sacred Sites: Cultural Roots for Urban Futures	2001	The World Bank

List of Exercises / Practicals:

1	Visit to a Heritage Conservation Site and submit report.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

Name of the Subject: ADVANCED PLANNING TECHNIQUES				
Subject Code: MARPL1-204		Semester: Second		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To study Advanced Planning Techniques.				
Objective:				
1.	To study Surveying Techniques and GIS Mapping.			
2.	To study Analytical Planning Techniques, Report Writing and Presentation.			
Pre-Requisites: --				
Contents				Hrs
Unit - 1	Survey Techniques Data Base for Physical surveys (including land use / building use / density / building age, etc.) and Socio-economic surveys; Questionnaire formulation, Sampling and survey techniques, etc. Land use classification / coding.			9
Unit - 2	GIS Mapping Coordinate system, Geo-referencing and geo-coding; GIS data processing (Digitization, topology building and metadata creation), Data structures and modeling, GIS analysis (Buffer, proximity and overlay), Decision making through GIS, Information systems (Land Information system, Urban Information system for various activity sectors).			15
Unit - 3	Research Design and implementation Approaches in research, developing a method for research; Questionnaire Design, Types of data, sampling methods; developing aims, objectives, scope, limitations; and literature research – using library, accessing the Internet			9
Unit - 4	Analytical Techniques, Presentation and Report Writing Data tabulation; Interpretation of information; Graphical presentation of data; Spatial representation of data; Types of reports with specific focus on technical report writing; Organizing the report, structure chapter organization, Writing the report (analytical findings); Referencing in text, use of software in referencing			15
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1	Groves R.M. Fowler F.J., Couper M.P., Lepkowski J.M., Singer E., Tourangeau R.,	Survey Methodology	2009	John Wiley and Sons

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2	Easa S., Chan Y., (ed)	Urban Planning and Development, Application of GIS	2000	American Society of Civil Engineers,
3	John W. Creswel	Research Design	2003	Sage Publication, California
4	Glatthorn A. A, and Joyner R. L.	Writing the winning thesis	2005	Corwin Press, California

List of Exercises / Practicals:

1	Visit to a Division / Department of Local Bodies / Development Authority dealing with Surveying Techniques and submit report.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

**MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)**

Name of the Subject: URBAN PLANNING STUDIO - I		
Subject Code: MARPL1-205	Semester: Second	
Duration: 240 Hours	Maximum Marks: 500	Credits (2 + 8) = 10
Teaching Scheme		Examination Scheme
Lecture : 3 hrs/week	End Semester Exam: Marks 200	
Practical : 12 hrs / week	Internal Assessment: Marks 300	
Aim: To carry out City Based Study focusing Planning and Design.		
Objective:		
1.	To Assess, Collect and Analyze the Information Requirements for the Study.	
2.	To understand the Characteristics of the City for Preparation of Sustainable Development Plan.	
Pre-Requisites: --		
Contents		Hrs
Unit - 1	<p>Geo-Informatics Laboratory Training</p> <p>The laboratory training will be conducted in accordance with the studio exercise. Introduction to Geo-informatics, introduction to Remote Sensing – Aerial and Satellite; introduction to GIS, Spatial data and Attribute data; Satellite images as input to GIS; Collection and presentation of baseline information.</p>	75
Unit - 2	<p>Development Plan</p> <p>The studio exercise focuses on the planning, development and design aspect (in line with the other core and elective courses offered in the semester). The exercise pertains to large cities and emerging metropolitan cities and ranges from preparation of sustainable development plans to sector specific themes pertaining to tourism, SEZs, etc. The studio exercise enables students to develop an approach/ framework for the task; it is field based as a database is generated that is analyzed and the plan and strategies are formulated. Initial study involves understanding of the exercise through theories, study of similar case studies, awareness of relevant norms and standards through extensive literature search. Students are required to prepare a comprehensive list of required data and identify probable sources before making a field visit to the case study town/city. Students are encouraged to translate learning from the core and elective subjects to the studio exercise. The introduction of GIS in the studio enables them to apply it in the studio exercise. Students are expected to analyze the data collected and come out with proposals and recommendations for planned development of the city. The entire exercise is also documented in the form of a technical report. The second exercise is a short and intensive exercise of one-month duration. It pertains to topical issues i.e. property tax reforms, informal sector, development of railway land, etc. The study is based on primary surveys and students are expected to analyze the information and arrive at recommendations.</p>	165

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Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Dellinger, A.	Validity and the Review of Literature, Review in the Schools	2005	
2.	Hart, C.	Doing a Literature Review, Releasing the Social Science Research Imagination	198	London: Sage and Open University.
3.	Taylor, G.	A Student's Writing Guide: How to Plan and Write Successful Essays	2009	Cambridge University Press
4.	Colin Neville, Neville, C.	The Complete Guide to Referencing and Avoiding Plagiarism	2007	McGraw-Hill International
5.	Punch, Keith	An Introduction to Social Research: Quantitative and Qualitative Approaches	2005	Sage
6.	Neuman, William	Basics of Social Research: Qualitative and Quantitative Approaches	2007	Pearson, Allen and Bacon
7.	Bryman, Alan	Social Research Methods	2008	Oxford University Press
8.	Finlay, B.	Statistical Methods for the Social Sciences	2009	Pearson Publisher University of Florida, US
List of Exercises / Practicals:				
1	Visit to the case study town and submit report.			
List of Assignments/Tests:				
1	Marked Reviews of Unit 1 and Unit 2.			
2	Internal and External Jury.			

**MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)**

Name of the Subject: INCLUSIVE URBAN PLANNING (ELECTIVE)				
Subject Code: MARPL1-206		Semester: Second		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To study the various Forms, Arenas and Uses of Inclusion in the Processes of Urban and Regional Planning.				
Objective:				
1.	To study Significance of Inclusion in Planning and Development Process.			
2.	To study Policies, Programmes and Legislation for Participatory Planning.			
Pre-Requisites: --				
Contents				Hrs
Unit - 1	Understanding Inclusive Planning Definitions and components			9
Unit - 2	Stakeholders Profile and Needs, Access to Shelter, Services and Livelihoods Urban Poor, Informal Sector, Gender, Children, Elderly, Disabled, Displaced people, etc.; Slums - dimensions, causative factors, determinants, location characteristics of settlements; Informal sector - growth, characteristics, functions, economic contributions, linkages with formal sector, impact on Urban Development			15
Unit - 3	Participatory Planning Process and Policies, Programmes and Legislation Methods, role of stakeholders (including civil society organizations), etc.; Related Acts, Five year plans, policies and programmes at various levels.			12
Unit - 4	Planning interventions Inclusive zoning, development and building regulations, Slum Improvement.			12
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1	Datta, A.	The Illegal City: Space, Law and Gender in a Delhi Squatter Settlement,	2012	Ashgate, Burlington.
2	Roy, A. and Ong, A. (Eds.)	Worlding Cities: Asian Experiments and the Art of Being Global	2011	Wiley Blackwell, London.
3	Eijk, G.V.	Unequal Networks: Spatial Segregation, Relationships and Inequality in the City	2010	IOS Press, Amsterdam.

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4	Harriss, J.	Antinomies of Empowerment: Observations on Civil Society, Politics and Urban Governance in India, Economic and Political Weekly, Vol.42, No.26, pp.2716-2724.	2007	
List of Exercises / Practicals:				
1	Visit to a Local Body / Authority and submit a Report with focus on Inclusive Planning being practiced by them.			
List of Assignments/Tests:				
1	Test on Unit 1 or Unit 2.			
2	Assignment on Unit 3 or Unit 4.			

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

Name of the Subject: PLANNING FOR TOURISM (ELECTIVE)				
Subject Code: MARPL1-207		Semester: Second		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To study the Role of Tourism in Urban and Regional Planning.				
Objective:				
1.	To study Tourism and its Relevance in Urban Development			
2.	To study Policies and Programmes of Tourism so as to ascertain parameters for Planning for Tourism Sector.			
Pre-Requisites: Basic awareness of the importance of tourism and its impact on urban development.				
Contents				Hrs
Unit - 1	Introduction to Tourism Definitions, scope, nature, classification and dimension, tourism as an industry, tourism in developed and developing world.			9
Unit - 2	Tourism Sector – impacts Relationship between Tourism and Urban Development, Tourism multiplier and forecasting methods: capacity building and carrying capacity planning for tourism projects, tourism and cultural and social change: Socio-cultural problems, environmental degradation.			15
Unit - 3	Planning for Tourism Nature and scope of a tourism plan- key issues and stages, data requirements, surveys, role of key players / stake holders in tourism policy and planning, sustainable tourism development planning; community planning and tourism; implementation and management, role of travel and tourism promoting agencies, monitoring the tourism development; Tourism marketing - concept, techniques and strategies.			15
Unit - 4	Policies and Programmes Tourism policies at various levels.			9
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Charles R. Goeldner , J.R. Brent Ritchie	Tourism: Principles, Practices, Philosophies	2009	John Wiley & Sons
2	A.Satish Babu	Tourism Development in India	2008	APH Publishing Corporation , New Delhi
3	Christopher MLaw	Urban Tourism: The Visitor Economy and the Growth of Large Cities	2009	Continuum
4.	K.K. Sharma	Planning for Tourism	2003	Sarup & Sons, New Delhi
5.	Planning Commission	Working Group Report on Tourism (2012-2017)	2012	Planning Commission,

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				Government of India
6.	Ministry of Tourism	Strategic Action Plan for Tourism in India	2011	Ministry of Tourism, Government of India
List of Exercises / Practicals:				
1	Visit to Ministry / Department of Tourism / ITDC / State Tourism Development Corporation / Tourism based City and Submit Report.			
List of Assignments/Tests:				
1	Test on Unit 1 or Unit 2.			
2	Assignment on Unit 3.			

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

MRSPTU

3rd SEMESTER

MRSPTU

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

Name of the Subject: URBAN DEVELOPMENT AND MANAGEMENT				
Subject Code: MARPL1-301		Semester: Third		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To study the Processes and Management of Urban Planning and Development.				
Objective:				
1.	To comprehend the various Facets of Urban Development and Management.			
2.	To understand the how decisions pertaining to Supply of Land and Built Environment are taken.			
Pre-Requisites: --				
Contents				Hrs
Unit - 1	Introduction to Development Management Concept, approaches, components, interfaces with national goals and political economic system.			9
Unit - 2	Urban Development Management Strategies, Tools and Techniques; organizations involved			12
Unit - 3	Land and Real Estate Development Economic concepts of land, Land Pricing / valuation; Economic principles of land use; demand forecasting for land use: factors affecting land supply and demand; Land development methods, Supply Management, Demand side Management; Real estate markets, type of property development and its impact on supply and demand, method of development, environmental considerations.			15
Unit - 4	Information System and Urban Reforms Spatial and Non - spatial information systems; Urban reforms and acts and policies.			12
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1	Rakodi, C.and Llyod-Jones, T.	Urban Livelihoods: A People- Centered Approach to Reducing Poverty.	2002	Earthscan, London
2	Datta, A.	The Illegal City: Space, Law and Gender in a Delhi Squatter Settlement	2012	Ashgate, Burlington
3	Roy, A. and Ong, A. (eds.)	Worlding Cities: Asian Experiments and the Art of Being Global	2011	Wiley Blackwell, London
List of Exercises / Practicals:				
1	Visit to development project undertaken by Local body and submit a report.			

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List of Assignments/Tests:	
1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 3 or Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

Name of the Subject: PROJECT PLANNING AND MANAGEMENT		
Subject Code: MARPL1-302	Semester: Third	
Duration: 48 Hours	Maximum Marks: 100	Credits: (3 + 0) = 3
Teaching Scheme	Examination Scheme	
Lecture : 3 hrs/week	End Semester Exam: Marks 50	
Practical : --	Internal Assessment: Marks 50	
Aim: To study Project Planning, Management and Implementation Techniques.		
Objective:		
1.	To study relationship between Projects and Planning at various Levels.	
2.	To study Management, Implementation and Evaluation of Projects.	
Pre-Requisites: --		
Contents		Hrs
Unit - 1	Project planning Introduction to Projects; Nature of planning projects; Project Life Cycle; Identification of projects	9
Unit - 2	Project Formulation and Appraisal Relationship between projects and planning issues including sectoral policy at: Local, State and National levels Project appraisal: Market analysis – Macro environment survey, survey methods, market characterization, demand forecasting; Technical Analysis – Magnitude, processes, materials, equipment, factors of production availability, implementation schedule; suitability of the plans, layout and design, location of the project; location analysis; supporting infrastructure requirements- Capital Budgeting – Estimation of costing of components; developing over project cost; Social cost benefit analysis – UNIDO, Merles, ZOPP/GOPP, etc.	15

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Unit - 3	Project Management and Implementation, and Project Evaluation and Monitoring Project characteristics - pitfalls in management of a project; Techniques of management; Planning milestones - responsibility charts and principle responsibility, principles of activity planning; Project Implementation – methods, hurdles, facilitative factors; Project culture: line management, steering committee, role of project manager; Project Control: cost and time, quality - ISI standards and its application to Indian context; Introduction to Project Management Software (Ms Projects) and its usage. Types of evaluation - concurrent, ex-ante and ex-post. Methods of evaluation, techniques of evaluation, end results, Presentation of evaluation findings, Techniques of Monitoring of Development Works.	12
Unit - 4	Regulatory Frameworks Governing Projects National Rehabilitation and Resettlement Policy (2007) - Social Impact mitigation; National Environmental Policy (2006) – Environmental Impact Assessment (EIA) and Environmental Management Plan (EMP)	12

Text / Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Prasanna Chandra	Projects	2009	McGraw Hill, New Delhi.
2.	Barker, Stephen and Cole, Rob.	Brilliant Project Management	2007	Pearson Education Limited, UK

List of Exercises / Practicals:

1	Visit to a Local Body / Development Authority and submit report on the large scale project being undertaken by them.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

- One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
- The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

Name of the Subject: URBAN GOVERNANCE				
Subject Code: MARPL1-303		Semester: Third		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To study the Role of Government, Private Sector and the Third Sector for Governance of Cities and Regions.				
Objective:				
1.	To study the Role of the States in Urban and Regional Planning at National, State and Local levels.			
2.	To study the Decision Making Processes and Organizations Responsible for the Planning, Finance and Delivery.			
Pre-Requisites: --				
Contents				Hrs
Unit - 1	Overview of Urban Governance Definition, concepts, components, government and governance, hierarchy and structure, forms of governance, process of inclusion and exclusion,			9
Unit - 2	Legislations pertaining to Urban Governance Institutional frame and mechanism for urban governance as envisaged in the 73rd and 74th Constitution Amendment Acts.			12
Unit - 3	Institutions and Organizations Differences between institutions and organizations; approaches to understanding organizations; types, structure and functions, their interface and conflicts, reach, and their effectiveness; Methods, process and evaluation; Present organizations and involved in urban governance.			15
Unit - 4	Urban Local Governance and Participatory Processes System, structure, functions, powers, process and resource, performance, interface with NGO's, other agencies. Stakeholders' participation, roles and responsibilities, access to government by various stakeholders.			12
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1	Rhodes, R.A.W.	Understanding Governance: policy networks, governance, reflexivity and accountability.	1997	Open University Press, Maidenhead,GB, Philadelphia
2	Jayal,N.G., Prakash, A. and Sharma, P.K.	Local Governance in India: decentralization and beyond.	2006	Oxford University Press, New Delhi
3	Baud, I.S.A. and Wit, J. de	New Forms of Urban Governance in India: shifts, models, networks and contestations	2008	Sage New Delhi.

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List of Exercises / Practicals:	
1	Visit to a Local Body and submit Report on their Decision Making Process.
List of Assignments/Tests:	
1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

Name of the Subject: POLITICS AND PLANNING		
Subject Code: MARPL1-304	Semester: Third	
Duration: 48 Hours	Maximum Marks: 100	Credits: (3 + 0) = 3
Teaching Scheme	Examination Scheme	
Lecture : 3 hrs/week	End Semester Exam: Marks 50	
Practical : --	Internal Assessment: Marks 50	
Aim: To understand the Two Way Relationship Between Politics and Planning.		
Objective:		
1.	To develop a Comprehension of the Interplay of Politics in the Planning Process.	
2.	To understand the Social, Economic and Cultural Contexts of Politics and Planning and how it influence Development / Provision / Financial / Management of Resources and other Basic Infrastructure.	
Pre-Requisites: --		
Contents		Hrs
Unit - 1	Interface between Politics and Planning Social and economic context; State in India – political culture of the Indian State – Centre – State – Local political economy: 74 th Constitution Amendment Act, State Finance Commissions; Emergence of the State in the federal set up.	12
Unit - 2	City and the State State as a manager of resources – property rights, norms and standards – Government market and market by Government – Regulatory State, Reforming State, and Rent Seeking State – their spatial implications; Development planning and the Indian state – Centralization, powerlessness and decentralization; spatial politics and competition; Politics of the State and bureaucracy; New State spaces, invited and contested spaces – changing role of the state.	12

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Unit - 3	Politics related to Planning and Development Politics related to land, shelter, urban infrastructure, resources; Regeneration and redevelopment politics; politics of provision, financing and pricing; decision-making and decision taking.	12
Unit - 4	Politics and Civil Society Politics and emergence of civil society – NGO, CBO and their role in planning, development and management, collective bargaining and collective action.	12

Text / Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Sarma, KSRN	Financing Urban Development in India	1979	IIPA, New Delhi
2.	Maarten, A.H.	City Politics	1989	Aldershot, Avebury
3.	Sharan, P.	Government and Politics of India	1984	New Delhi, Metropolitan Book
4.	Vettivel, Surendra, K.	Participation of Sustainable Development: Theory and Practice in Government and NGOs	1993	New Delhi, Vetri Publishers

List of Exercises / Practicals:

1	Visit to a NGO or CBO and submit report on their Role in Planning and Development.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

- One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
- The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

Name of the Subject: URBAN PLANNING STUDIO - II				
Subject Code: MARPL1-305		Semester: Third		
Duration: 240 Hours		Maximum Marks: 500	Credits: (0 + 10) = 10	
Teaching Scheme		Examination Scheme		
Lecture : -- hrs/week		End Semester Exam: Marks 200		
Practical : 15 hrs / week		Internal Assessment: Marks 300		
Aim: To undertake City based study focusing on Management and Governance.				
Objective:				
1.	Introduction to Geo-informatics, satellite images and Remote Sensing.			
2.	To assess the status of the Case Study City, to prepare Management Plans, to identify and formulate Projects, to prepare DPR covering Physical, Environmental aspects, sequence of tasks, Cost Estimates, Project Benefits, and Institutional Framework for Project Implementation.			
Pre-Requisites: --				
Contents				Hrs
Unit - 1	Geo-Informatics Laboratory Training The laboratory training will be conducted in accordance with the studio exercise. Introduction to Geo-informatics, introduction to Remote Sensing – Aerial and Satellite; introduction to GIS, Spatial data and Attribute data; Satellite images as input to GIS; Collection and presentation of baseline information.			75
Unit - 2	Management and Governance Plans The focus of the studio is on management and governance aspects (in line with the other core and elective courses offered in the semester). The exercise pertains to metropolitan cities and mega cities and ranges from preparing management plans and projects related to various sectors pertaining to infrastructure, disaster risk, riverfront development etc. Students are also required to identify and formulate projects, work out the appraisals and do the feasibility, viability and implementation mechanisms of the projects. Students work on a case study town/city and have to visit the field for collection of data and interaction with city officials and stakeholders. Although planning continues to be an important aspect of the exercise, students are also exposed to project identification, formulation, and appraisal, financing mechanisms and institutional framework. Students draw from the theoretical knowledge provided in the core and elective subjects related to management, finance and governance offered in the semester and translate them in their studio exercise. The culmination of the exercise is in the form of group presentations and studio report.			165
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher

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1.	Goodman,L.T.; Love; Ralph N.	Project Planning and Management: an Integrated Approach	1980	Pergamon Press, NY
2.	Little, IMD, Mirrlees, J.A.	Project Appraisal and Planning for Development Countries	1974	London, Heinemann Educational Books
3.	Rougvie, Alexander	Project Evaluation and Development	1987	London, Mitchell Publishing
4.	Choudhury, S.	Project Management	1988	New Delhi, Tata McGraw- Hill
List of Exercises / Practicals:				
1	Visit to a Municipal Corporation and submit report on their approach for preparing of DPR.			
List of Assignments/Tests:				
1	Marked Reviews of Unit 1 and Unit 2.			
2	External and Internal Jury.			

Name of the Subject: ENVIRONMENT, DEVELOPMENT AND DISASTER MANAGEMENT (ELECTIVE)		
Subject Code: MARPL1-306	Semester: Third	
Duration: 48 Hours	Maximum Marks: 100	Credits: (3 + 0) = 3
Teaching Scheme	Examination Scheme	
Lecture : 3 hrs/week	End Semester Exam: Marks 50	
Practical : --	Internal Assessment: Marks 50	
Aim: To study Disaster Management Practices and Mitigation Measures and their Impact on Environment and Development		
Objectives:		
1.	To understand the Interface between Environment and Development with a focus on Disaster Management.	
2.	To study the Disaster Mitigation Measures and Related Legislation of Environment and Disaster Management / Mitigation.	
Pre-Requisites: --		
Contents		Hrs
Unit - 1	Environment, Development and Disaster Management – Interface Resource use, exploitation and conservation; Impact of human activities on environment; Environment and economy interaction, introduction to environmental accounting.	12

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Unit - 2	Environmental Management Environmental Impact Assessment, thresholds, indicators, audits, environmental certification, lifecycle analysis, environment and poverty links, environmental policy, Acts and regulations; Environmental education, participatory approaches, emerging concepts. Disaster classification, concepts, hazards, vulnerability, risks, human response to disaster, impacts	12
Unit - 3	Disaster Mitigation and Management Relevance of disaster management in development and environment, disaster preparedness, prevention, displacement and development, Role and responsibilities of government and non-government organizations, Disaster Education – awareness of individuals, communities and participation at various levels; Integrating disaster mitigation in the spatial planning process, provision of infrastructure for disaster mitigation.	15
Unit - 4	Policies and Legislation Pertaining to Environment and Disaster Management Policies and Legislation at various levels.	9

Text / Reference Books:

S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Rajib Shaw	Community, Environment and Disaster Risk Management	2010	Emerald Group Publishing Limited
2.	Rajib Shaw Hari Srinivas, Anshu Sharma	Urban Risk Reduction An Asian Perspective	2009	Emerald Group Publishing Limited
3.	P C Sinha	Introduction to Disaster Management	2007	Anmol Publications, New Delhi
4.	Pardeep Sahni, Alka Dhameja, Uma Medury	Disaster Mitigation: Experiences and Reflections	2008	PHI Learning Pvt. Limited, New Delhi
5.	Jegadish Gandhi P	Disaster Mitigation & Management PostTsunami Perspectives	2007	Deep & Deep Publications Pvt Ltd, New Delhi
6.	NDMA	Disaster Management Guidelines	2007-11	NDMA
7.	Ministry of Home Affairs	Model Amendment in Town and Country Planning Legislations, Regulation for Land Use Zoning and Building Byelaws for Structural Safety	2004	MHA
8.	Ministry of Home Affairs	National Policy on Disaster Management(NPDM)	2006	MHA

List of Exercises / Practicals:

1	Visit NDMA / NIDM and submit the report.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
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**MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)**

2	Assignment on Unit 3.
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INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

Name of the Subject: ENERGY, CLIMATE CHANGE AND URBAN DEVELOPMENT (ELECTIVE)				
Subject Code: MARPL1-307		Semester: Third		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To study Interface between Energy, Climate Change and Urban Development.				
Objective:				
1.	To study the Determinants of Energy Supply and Demand.			
2.	To study relationship of Plans, Policies and Strategies with reference to Energy Planning.			
Pre-Requisites: --				
Contents				Hrs
Unit - 1	Introduction Energy, Climate change and Urban Development – Interface.			9
Unit - 2	Energy Generation and Consumption Energy Supply and Demand, Energy Consumption in cities, determinants of energy demand, phenomenon of climate change, factors influencing climate change, impacts of climate change			12
Unit - 3	Energy Planning and Management, and Mitigation and Adaptation to Climate Change Energy efficient development, Compact city form, Transit oriented development. Mechanisms and measures for mitigating and adapting to climate change at various levels			15
Unit - 4	Plans, Policies and Strategies Related to energy planning, conservation, climate change mitigation and adaptation.			12
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	S.K Dash	Climate change: an Indian perspective, New Delhi	2007	Cambridge University Press
2.	Jenks, Mike; Burgess, Rod	Compact cities: Sustainable urban forms for developing countries	2000	Spon Press, London

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3.	Bicknell, Jane	Adapting cities to climate change: understanding and addressing the development Change	2009	Earthscan, London
4.	Andres Duany, Jeff Speck and Mike Lydon	The Smart Growth Manual	2009	McGraw-Hill
5.	David Owen	Green Metropolis: Why Living Smaller, Living Closer, and Driving Less are the Keys to Sustainability	2009	

List of Exercises / Practicals:

1	Visit to a Development Authority and submit report, with focus on energy planning.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
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2	Assignment on Unit 3.
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INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

MRSPTU
4th SEMESTER

**MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
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Name of the Subject: DEVELOPMENT FINANCE				
Subject Code: MARPL1-401		Semester: Fourth		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To provide an Overview of Development Finance.				
Objective:				
1.	To study Development Finance covering State Finance and Municipal Finance.			
2.	To analyze Municipal Finance and Investment Planning in relation to Development Activities.			
Pre-Requisites: --				
Contents				Hrs
Unit - 1	Overview of Development Finance Approaches, concepts, components, process, credit rating.			9
Unit - 2	State Finance Inter-governmental fiscal relationship between Central, State and Urban Local Government.			9
Unit – 3	Municipal Finance Urban fiscal reforms, municipal finance and urban inclusion, Sources of revenues and application of money; Equities; Loans; Debt financing; Municipal Bonds, land and non-land based sources; Structure of finances, fiscal problems and issues of financial management, implications of 74 th Constitution Amendment Act for municipal finance, expenditure pattern, Bilateral and multi lateral lending institutions mobilizing resources for a project - financial resources, land resources, project resources, and other resources.			15
Unit – 4	Investment Planning and Financing Mechanism Link with spatial plans, process, components, investment needs and budgeting for infrastructure and services. Financing of urban development, infrastructure and services – mechanisms and instruments, subsidy reduction, cost recovery, public private partnerships; Financial appraisal, investment appraisal; Financial Risk – Sources, Measures and perspectives on risk, Sensitivity analysis and pricing and cost recovery mechanism.			15
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Mathur, O.P. and Peterson, George	State Finance Commissions and Urban Fiscal Decentralization in India	2006	NIPFP

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2.	Ministry of Finance	Report of 13 th Finance Commission	2011	Government of India, New Delhi
3.	Government of India	73rd and 74th Constitution Amendment, Acts	1992	Government of India, New Delhi
4.	Pandey, K.K.	Stimulating Revenue Base of ULBs in India	2010	IIPA

List of Exercises / Practicals:

1	Visit to Finance / Budget Section of Local Bodies and submit report.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 3.

INSTRUCTIONS TO QUESTION PAPER SETTER

1. One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
2. The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

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MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
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Name of the Subject: LEGAL ISSUES AND PROFESSIONAL PRACTICE				
Subject Code: MARPL1-402		Semester: Fourth		
Duration: 48 Hours		Maximum Marks: 100	Credits: (3 + 0) = 3	
Teaching Scheme		Examination Scheme		
Lecture : 3 hrs/week		End Semester Exam: Marks 50		
Practical : --		Internal Assessment: Marks 50		
Aim: To study Legislations related to Urban Planning and Development and to make students understand their role and responsibilities as professional planner, and equip them with the knowledge, procedures, and legal tools required for Professional Practice in Urban Planning.				
Objective:				
1.	To understand the Interface between Legislation and Urban Planning and to study Basic Concept of Law and Indian Constitution and the requirement of various Acts, Laws, Rules and Regulations related to Urban Planning.			
2.	To understand the Scope, Nature and Procedure of Professional Practice; prepare consultancy Proposals and Quote Fees and Charges for Professional Work.			
Pre-Requisites: --				
Contents				Hrs
Unit - 1	Introduction Interface between policy and legislation pertaining to urban development.			9
Unit - 2	Understanding of Law Concepts, sources, terminologies, significance of law and its relationship to Urban Planning benefits of statutory backing for schemes - eminent domain and police powers; Indian Constitution: concept and contents; 73rd and 74th Constitution Amendment Act, provision regarding property rights.			9
Unit - 3	Planning Legislation and Policy Formulation and Appraisal Evolution; An over view of legal tools connected with Urban Planning and Development, Town and Country Planning Act, Improvement Trust Act, Urban Planning and Development Authorities Act – objectives, contents, procedures for preparation and implementation of Regional Plans, Master Plans and Town Planning Schemes. Various Acts related to urban governance, planning and development organizations, land resources, environment protection, and public participation in statutory planning process; Approaches of formulation of policies, appraisal of policies.			15
Unit - 4	Professional Practice Aims and objectives of professional Institutes, sister bodies, professional role and responsibility of planning consultants, professional ethics, code of conduct and scale of professional charges; Formulation of project proposal and outlines, consultancy agreements and contracts, managerial aspects; Role in inter disciplinary groups: Appreciation of the decision-making processes and the process in relation to varied consultancy assignments of planning.			15
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	ITPI	Planning Legislation and professional Practice		ITPI, New Delhi

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2.	Bijlani, H.U. & Balachandran	Law and Urban Land	1978	IIPA, New Delhi
3.	Gol	UDPFI Guidelines Vol. 2A	1996	ITPI, New Delhi
4.	Gol	Indian Contract Act 1872; Indian Contract Act 1872; The Arbitration and Conciliation Act 1996. Constitution of India; Constitution (73rd & 74th Amendment) Acts 1992; Model Rent control Legislation; Slum (Improvement and Clearance) Act 1956; Land Acquisition Act 1894 and amendments thereof; NCR Planning Board Act, Environment (Protection) Act 1986; Model Town Planning and Regional Planning Development Law; and other acts		
5.	Government of Maharashtra	Maharashtra Regional and Town Planning Act 1966		
6.	Government of various States	State Acts related town planning, slum clearance, municipalities, development authorities, etc.		
7.	Kulshrestha, S. K.	Urban and Regional Planning in India: Handbook for Professional Practice	2012	Sage Publications, New Delhi
8.	ITPI	Conditions of Engagement of Professional Services and Scale of Professional Fee and Charges	2011	ITPI, New Delhi
9.	CPWD	CPWD Manual 2012	2012	CPWD, New Delhi

List of Exercises / Practicals:

1	Visit to the office of a Senior Planning Professional and submit report, on professional practice.
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List of Assignments/Tests:

1	Test on Unit 1 or Unit 2.
2	Assignment on Unit 3 or Unit 4.

INSTRUCTIONS TO QUESTION PAPER SETTER

- One compulsory question containing five questions of 2 marks (10 marks), each requiring short answers, are to be set from the entire syllabus.
- The examiner is required to set another six questions (atleast one from each unit), out of which the students are required to attempt any four questions (selecting at least one from each unit).

MRSPTU M.PLANNING SYLLABUS 2019 BATCH ONWARDS
(UPDATED ON 16.10.2019)

Name of the Subject: THESIS				
Subject Code: MARPL1-403		Semester: Fourth		
Duration: 384 Hours		Maximum Marks: 800	Credits: (0 + 16) = 16	
Teaching Scheme		Examination Scheme		
Lecture : -- hrs/week		End Semester Exam: Marks 300		
Practical : 24 hrs / week		Internal Assessment: Marks 500		
Aim: To undertake independent study in the field of Urban Planning.				
Objective:				
1	To develop a basic understanding of the area chosen for study (by carrying out a detailed literature review).			
2	To undertake detailed exploration of the topic (by way of surveys and studies).			
3	To identify issues and concerns those emerge out of the study and suggest recommendations.			
Pre-Requisites: --				
Contents				Hrs
The students are required to carry out independent research and prepare a thesis on a topic on urban planning selected by them and approved the faculty under the supervision of a research guide allocated by the department.				384
Text / Reference Books:				
S. No.	Name of Authors	Titles of the Book	Edition	Name of the Publisher
1.	Brubaker, D.L. and Thomas, R.M.	Thesis and Dissertations: A Guide to Planning, Research and Writing.	-	-
2.	Rowena Murray	How to Write a Thesis (3 rd Edition)	-	Open University Press
3.	F. Abdul Rahim	Thesis Writing	2005	New Age International (P)Limited Publishers, New Delhi.
4.	Kastens, K.Pfirman, S., Stute, M., Abbott,D. and Scholz, C.	How to Write Your Thesis	-	Colombian University
5.	Bracken, I.	Urban Planning Methods, Research and Policy Analysis	2008	Routldge
6.	Wang, X., Von Hofpe, R.	Research Methods in Urban and Regional Planning	2007	Springer
7.	You Tube	Tools for Academic Research in Urban Design and Planning	2011	You Tube Video.
List of Exercises / Practicals:				
1	Field visit to Collect Data on selected Topic of Research.			
List of Assignments/Tests:				
1	Marked Reviews at different Stages of completion of Research work.			
2	Internal and External Jury.			

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