



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Planning
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
M.PLAN – URBAN PLANNING (2026)

M.PLAN (URBAN PLANNING)

I YEAR – II SEM



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Planning
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020 by COA
M.PLAN (URBAN PLANNING) (2026)

MPLN201-PLANNING STUDIO – II

MPLN201: PLANNING STUDIO – II

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University	Internal Assessment	External Viva				
MPLN201	PC	STUDIO	PLANNING STUDIO II	Max	0	0	0	250	250	0	0	10	10
				Min				125	125				

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE INFORMATION

Prerequisites : Basic understanding of planning principles, planning techniques and development plans

Mode of Delivery : Studio-based learning, field surveys, collaborative exercises, analytical studies, presentations and report preparation.

COURSE EDUCATIONAL OBJECTIVES (CEOs):

S. No.	CEO	Bloom's Level	Domain
CEO1	To understand contents, substance and characteristics of various types of development plans for predominantly urban settlements.	Understand (L2)	Cognitive
CEO2	To comprehend processes of plan preparation and analyses techniques for the identification of issues and potentials for an urban settlement.	Analyse (L4)	Cognitive

COURSE ALIGNMENT WITH UNSDG

This course contributes to SDG 11: Sustainable Cities and Communities, SDG 9: Industry, Innovation and Infrastructure and SDG 13: Climate Action through participatory planning, infrastructure assessment, spatial planning and preparation of sustainable development plans for urban settlements.

COURSE OUTCOMES

After completion of this course the students are expected to be able to demonstrate following knowledge, skills and attitudes. Basic knowledge about existing planning techniques and their range of applications.

CO	Outcome	Bloom	SDG
CO1	To plan and design different future scenarios, priorities of development, action areas, phasing and monitoring, and to propose governance structures for the implementation of the plan.	Create (L6)	SDG 11, SDG 13
CO2	To produce spatial policies, and to make planning proposals along with a land use plan for a selected urban settlement.	Apply (L3)	SDG 11
CO3	Collaborative development of planning solutions to real situations confronted by communities.	Create (L6)	SDG 11, SDG 17

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				Min				125	125				

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COURSE FOCUS:

- Master development plan preparation
- Urban and regional analysis
- Settlement typology and resource mapping
- Infrastructure assessment
- Scenario building and planning proposals
- Participatory and collaborative planning approaches

COURSE OVERVIEW:

This planning studio focuses on preparation of master development plans for urban settlements and regions. The studio emphasizes analytical understanding of settlements, collaborative planning processes, resource mapping, infrastructure assessment, identification of development potentials and constraints, and preparation of spatial planning proposals. Students are expected to prepare development plans supported by maps, analytical studies, planning strategies and implementation mechanisms. Field investigations, stakeholder consultations, resource inventory preparation, infrastructure mapping, scenario-building exercises, and development plan formulation for selected settlements will enable students to acquire practical planning skills through direct engagement with real-world planning situations.

TEACHING PEDAGOGY:

Code	Method
T1	Studio-based learning and guided exercises
T2	Field surveys and primary data collection
T3	Resource mapping and spatial analysis
T4	Case study analysis and discussions
T5	Collaborative planning exercises
T6	Presentations, reviews and viva voce

ASSESSMENT TOOLS:

Code	Tool
AT8-1	Literature Review and Case Study
AT8-2	Survey and Data Collection Exercise
AT8-3	Resource Mapping and Infrastructure Analysis
AT8-4	Scenario Development Exercise
AT8-5	Planning Proposal Presentation
AT8-6	Final Studio Report and Viva Voce

COURSE CONTENTS:

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
I	Understanding the Region/area of study	Physical and geographical attributes of the region; demographic profile; economic scenario		AT8-1, AT8-2

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Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
II	Identification of the Typology	Settlement pattern in the region; Special characteristics of the region / area of study		AT8-2, AT8-3
III	Resource Inventory of the Region	Resource mapping; Regional diversity in resource endowment; Regional disparity in development		AT8-3, AT8-4
IV	Infrastructure Profile of the Region	Inter and intra-regional connectivity; Mapping of social, physical and economic infrastructures		AT8-3, AT8-5
V	Developing Alternative Scenarios	Identification of sectoral and spatial development issues; Identification of potential thrust areas and constraints; Understanding the institutional mechanisms and statutory framework; Designing of alternative planning strategies and management plans.		AT8-4, AT8-5, AT8-6

NOTE

Writing reports in prescribed format with referencing and appropriate maps, charts, tables and figures etc. for the required plan is essential with the studio sheets.

REFERENCE BOOKS / REPORTS

1. Bureau of Indian Standards (2005) National Building Code of India, Bureau of Indian Standards, New Delhi
2. Delhi Development Authority (2007) Master Plan for Delhi, 2021, DDA, New Delhi.
3. Ministry of Urban Development (1996) The Urban Development Plan Formulation and Implementation (UDPFI) Guidelines, Government of India, New Delhi.
4. Ministry of Urban Development (2015) The Urban and Regional Development Plan Formulation and Implementation (URDPFI) Guidelines, Government of India, New Delhi.
5. Jain, A.K. (2019), Town Planning, Khanna Publishing House.

SUGGESTED E-RESOURCES / RESOURCES

1. URDPFI Guidelines and MoHUA Manuals
1. Master Development Plans and Regional Plans
2. GIS and Spatial Analysis Platforms
3. Census of India Database
4. Infrastructure and Resource Mapping Portals
5. Planning Support Systems and Visualization Tools

COURSE ARTICULATION MATRIX (MAPPING OF COS WITH POS)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	3	2	2	2	2	2	2	2	2
CO2	3	3	2	3	2	2	2	2	2	-	-	2
CO3	2	3	3	3	3	3	3	3	3	3	3	3

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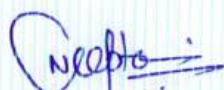
ASSESSMENT SCHEME

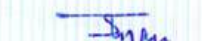
Component	Method	COs Mapped	Weightage
Literature Review and Case Study	Written Analysis	CO1	10%
Survey and Data Collection Exercise	Field Survey and Documentation	CO1, CO2	15%
Resource Mapping and Infrastructure Analysis	Mapping and Analytical Exercise	CO2	20%
Scenario Development Exercise	Planning and Strategy Formulation	CO1, CO3	20%
Planning Proposal Presentation	Presentation and Discussion	CO2, CO3	10%
Final Studio Report and Viva Voce	Studio Jury and Viva	CO1, CO2, CO3	25%

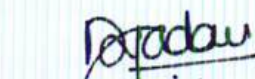
EVALUATION RUBRICS

Criteria	Excellent (4)	Good (3)	Average (2)	Poor (1)
Data Collection and Documentation	Comprehensive and accurate documentation	Good documentation with minor gaps	Basic documentation	Poor documentation
Spatial and Resource Analysis	Insightful and technically sound analysis	Good analytical understanding	Limited analysis	Weak analysis
Planning Proposals	Innovative and context-responsive proposals	Practical and relevant proposals	Basic proposals	Weak planning proposals
Graphic Representation	Professional and clear visual representation	Good graphical quality	Average graphical quality	Poor graphical presentation
Report Preparation	Well-structured and properly referenced report	Good report structure	Basic organization	Poorly structured report
Presentation and Viva	Confident and technically strong presentation	Good communication	Average presentation	Weak presentation


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MPLN202-DEMOGRAPHY AND QUANTITATIVE METHODS

MPLN202: DEMOGRAPHY AND QUANTITATIVE METHODS

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University	Internal Assessment	External Viva				
MPLN202	PAEC	THEORY	DEMOGRAPHY AND QUANTITATIVE METHODS	Max	20	20	60	0	0	2	0	0	2
				Min	9	9	27						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE INFORMATION

Prerequisites : Basic understanding of planning concepts and statistical interpretation

Mode of Delivery : Lectures, quantitative exercises, statistical analysis, demonstrations and presentations

COURSE EDUCATIONAL OBJECTIVES (CEOs):

S. No.	CEO	Bloom's Level	Domain
CEO1	The objective of the course is to inculcate the understanding of different aspects of population composition and distribution and the importance of Statistics in Planning.	Understand (L2)	Cognitive

COURSE ALIGNMENT WITH UNSDG

This course contributes to SDG 1: No Poverty, SDG 10: Reduced Inequalities and SDG 11: Sustainable Cities and Communities through demographic analysis, population studies, statistical interpretation and evidence-based planning approaches.

COURSE OUTCOMES

After completion of this course the students are expected to be able to demonstrate

CO	Outcome	Bloom	SDG
CO1	Calculate different parameters of demography	Apply (L3)	SDG 11
CO2	Ability to develop research question worthy of informing public policy, and identify the statistical tool appropriate for answering the research question.	Analyse (L4)	SDG 10, SDG 11
CO3	To work efficiently with specific primary and secondary data inputs.	Apply (L3)	SDG 1, SDG 11

COURSE FOCUS:

- Demography and population studies
- Population composition and projections
- Quantitative methods and statistical analysis
- Sampling and questionnaire design
- Correlation and regression analysis
- Statistical tools in planning

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MPLN202	PAEC	THEORY	DEMOGRAPHY AND QUANTITATIVE METHODS	Max	20	20	60	0	0	2	0	0	2	
				Min	9	9	27							

Legends: L - Lecture; T - Tutorial/Teacher Guided Session; S - Self Learning Activity

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE OVERVIEW:

This course introduces students to demography and quantitative methods relevant to planning practice. The course focuses on population studies, demographic analysis, statistical tools, sampling techniques and quantitative methods used in planning research and policy analysis. Students are expected to understand population dynamics, statistical representation techniques and analytical tools for planning applications.

TEACHING PEDAGOGY:

Code	Method
T1	Lectures and classroom discussions
T2	Quantitative problem-solving exercises
T3	Statistical analysis demonstrations
T4	Data interpretation exercises
T5	Research and questionnaire design exercises
T6	Presentations and analytical discussions

ASSESSMENT TOOLS:

Code	Tool
AT9-1	Quiz / Test
AT9-2	Demographic Analysis Exercise
AT9-3	Statistical Data Analysis Assignment
AT9-4	Questionnaire Design Exercise
AT9-5	Correlation and Regression Exercise
AT9-6	End Semester Examination

COURSE CONTENTS:

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
I	Introduction to Demography	Demography: Definition and Determinants; Sources of Demographic Data: Civil Registration Method, Census, Sample Surveys, Age Sex Pyramid; Rural-Urban Divide; Population Composition by Education and Occupation (LFPR, WFPR); Migration: Different Variants, Different Methods of Population Projection: Geometric and Exponential Projection, Cohort - Component Method, Extrapolation and Interpolation, UN Method, Components of Population Growth: Birth and Mortality Rate, Age composition, Migration, Population forecasting method using statistical theories.	14 hrs	AT9-1, AT9-2

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MPLN202	PAEC	THEORY	DEMOGRAPHY AND QUANTITATIVE METHODS	Max	20	20	60	0	0	2	0	0	2
				Min	9	9	27						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
II	Introduction to Quantitative Methods	Relevance of Statistics in Planning; Tabulation and Diagrammatic Representation of Data; Measures of Central Tendency and Dispersion, Sampling: Definition and Types; Calculation of Sample Size, Statistical data and method of analysis Types of Data. Designing a questionnaire, Tabulation and representation of data: Line diagram, Pie diagram, Frequency distribution, Histogram, Radar diagram. Significance of Averaging and Variation. Calculation of Mean Median and Mode for Ungrouped and Grouped data. Merits and limitations. Variance and standard deviation of Ungrouped and Grouped data, Lorenz Curve, Skewness, Moments and Kurtosis. Dependency and Causal Relationship Amongst Variables: Measures of Correlation and Regression Types of Correlation, Karl Pearson's Coefficient of Correlation, Properties of Correlation Coefficient, Rank Correlation. Partial and Multiple Correlation Introduction and difference between Correlation and Regression analysis. Linear Bivariate Regression model, Coefficient of Regression and its properties, Computation of Regression equation, Multiple Regression analysis and application.	16 hrs	AT9-3, AT9-4, AT9-5, AT9-6

REFERENCE BOOKS / REPORTS

1. Urban Planning: use of critical path Method / WORD, SOL A.
2. Operation research : an introduction / TAHA, H H
3. Principles of Operations Research, Harvey M Wagner, Prentice-Hall
4. Operations Research – Principles and Application, G Srivastava, PHI Prentice-Hall
5. Operations Research, Hamdy A Taha, MacMillan
6. Ministry of Urban Development (2015) The Urban and Regional Development Plan Formulation and Implementation (URDPFI) Guidelines, Government of India, New Delhi
7. Demography, Peter R. Cox, Cambridge University Press, 1976
8. Studies in Demography, S.C. Srivastava et al, Anmol Publishers 2004
9. Geography of Population – Concepts, Determinants and Pattern, R.C. Chandna, Kalyan Publishers, Ludhiana, 1996
10. Quantitative Methods: Theory and Applications, J.K. Sharma, Macmillan 2010
11. Statistical Techniques for Data Analysis, John K. Taylor and Cheryl Cihon, Chapman and Hall /CRC, 2004

SUGGESTED E-RESOURCES / RESOURCES

1. Census of India Database
2. UN Population Data Resources
3. Statistical Software Platforms

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4. Demographic and Socio-economic Survey Databases
5. Planning and Quantitative Research Journals
6. Government Statistical Reports and Datasets

COURSE ARTICULATION MATRIX (MAPPING OF COS WITH POS)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	2	2	3	3	-	1	-	-	-	2	1	2
CO2	3	3	3	3	-	1	-	2	2	3	2	2
CO3	2	3	2	3	3	-	2	1	2	-	1	2

ASSESSMENT SCHEME

Component	Method	COs Mapped	Weightage
Quiz / Test	Written Examination	CO1	10%
Demographic Analysis Exercise	Population Analysis Exercise	CO1	15%
Statistical Data Analysis Assignment	Quantitative Analysis Exercise	CO2, CO3	20%
Questionnaire Design Exercise	Survey and Sampling Exercise	CO2	15%
Correlation and Regression Exercise	Statistical Modelling Exercise	CO2, CO3	10%
End Semester Examination	Theory Examination	CO1, CO2, CO3	30%

EVALUATION RUBRICS

Criteria	Excellent (4)	Good (3)	Average (2)	Poor (1)
Demographic Analysis	Accurate and insightful demographic interpretation	Good demographic understanding	Basic analysis	Weak analysis
Statistical Application	Strong application of statistical tools	Good application	Limited understanding	Incorrect application
Data Interpretation	Comprehensive and accurate interpretation	Good interpretation	Basic interpretation	Weak interpretation
Quantitative Problem Solving	Accurate and methodical solutions	Good problem solving	Average understanding	Weak problem solving
Research and Questionnaire Design	Well-structured and relevant design	Good design quality	Basic structure	Poorly structured
Presentation and Analytical Skills	Clear and technically sound interpretation	Good communication	Average analytical skill	Weak analytical understanding

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MPLN203: TRANSPORTATION PLANNING

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment ²	End Sem University Exam	Internal Assessment	External Viva				
MPLN 203	Pc	THEORY	TRANSPORTATION PLANNING	Max	20	20	60	0	0	2	0	0	2
				Min	9	9	27						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE INFORMATION

Prerequisites : Basic understanding of urban planning and infrastructure systems

Mode of Delivery : Lectures, traffic survey exercises, analytical studies, case studies and presentations

COURSE EDUCATIONAL OBJECTIVES (CEOs):

S. No.	CEO	Bloom's Level	Domain
CEO1	To familiarize students with different transport systems, and also principles, practices and policies of transportation planning.	Understand (L2)	Cognitive

COURSE ALIGNMENT WITH UNSDG

This course contributes to SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities and SDG 13: Climate Action through sustainable transportation systems, transit-oriented development, non-motorized transport planning and integrated land use-transport planning approaches.

COURSE OUTCOMES

After completion of this course the students are expected to be able to demonstrate

CO	Outcome	Bloom	SDG
CO1	To plan for the conduct of field survey, examine and analyse data and information collected through various field surveys, perform analysis.	Analyse (L4)	SDG 11
CO2	To make presentations of traffic and transportation data in relation to human settlements and to identify the issues related to traffic and transportation planning.	Apply (L3)	SDG 9, SDG 11

COURSE FOCUS:

- Transportation planning principles
- Traffic and transport surveys
- Land use and transport integration
- Traffic management systems
- Public transportation and TOD
- Parking and non-motorized transport planning



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COURSE OVERVIEW:

This course introduces students to transportation planning principles, transport systems and traffic management approaches relevant to urban and regional planning. The course focuses on transportation surveys, transport demand analysis, land use and transport integration, public transport systems, TOD principles and traffic impact analysis. Students are expected to understand transportation planning methods and analyze traffic and transport issues in urban settlements.

TEACHING PEDAGOGY:

Code	Method
T1	Lectures and classroom discussions
T2	Traffic survey and field exercises
T3	Transportation analysis exercises
T4	Case study analysis
T5	GIS and transport mapping exercises
T6	Presentations and analytical reviews

ASSESSMENT TOOLS:

Code	Tool
AT10-1	Quiz / Test
AT10-2	Traffic Survey Exercise
AT10-3	Transportation Analysis Assignment
AT10-4	TOD and Policy Review
AT10-5	Transport Planning Presentation
AT10-6	End Semester Examination

COURSE CONTENTS:

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
I	Basics Of Transport Planning	Accessibility and Mobility; Types of Traffic and Transportation Plans; Institutional and Legal Framework; Classification of Urban and Regional Roads; Road Geometries, Intersections, Rotaries, Signals and Street Infrastructure; Study Area Delineation and Traffic Analysis Zones; Traffic Survey Techniques Types and characteristics of transport systems; Determinants of transport demand; Planning norms and standards; Principles of transport infrastructure planning and design of roads and intersections, street infrastructure elements; Pedestrian and cyclist infrastructure; Parking facilities; and Principles of traffic management.	10 hrs	AT10-1, AT10-2

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 Choice Based Credit System (CBCS) Scheme in the light of NEP-2020 by COA
M.PLAN (URBAN PLANNING) (2026)

MPLN203 – TRANSPORTATION PLANNING

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 203	Pc	THEORY	TRANSPORTATION PLANNING	Max	20	20	60	0	0	2	0	0	2
				Min	9	9	27						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
II	Transport Policies and Landuse - Transport Integration	Traffic Demand Study and Traffic Management Techniques; Transport Theories and Policies; Public Transport Systems; Landuse and Transport Integration; Four Stage Modelling; Definition, concepts and key components; Principles of TOD, planning norms and standards of TOD, pre-requisites of TOD, financing of TOD projects, role of stakeholders; Golden Quadrilateral project, corridor development projects, expressway projects; Metro rail networks projects of urban and regional significance, e-mobility	10 hrs	AT10-3, AT10-4
III	Traffic Impact on Land Development	Principles of traffic impact analysis, land development attributes, traffic generation rates of different land use; Land development impact on traffic congestion on road segments, intersections and parking, impact on public transportation, pedestrian traffic and safety. Types of Parking and Current Challenges; Parking Standards and Innovative Practices; Non-Motorized Transport: Classification, Need, Design Standards; Pedestrian Infrastructure: Challenges and Remedies	10 hrs	AT10-3, AT10-5, AT10-6

REFERENCE BOOKS / REPORTS

- Kadiyali, L.R. (2017) Transport Engineering, Khanna Book Publishing Co., New Delhi.
- Saxena, S.C. (1989) A Course in Traffic Planning and Design, Dhanpat Rai and Sons, New Delhi.
- Sarkar, P.K., Maitri, V. and Joshi, G.J. (2014) Transportation Planning: Principles, Practices and Policies, Prentice Hall India Learning Private Limited, New Delhi.
- Verma, A. and Ramanayya, T.V. (2014) Public Transport Planning and Management in Developing Countries, CRC Press, Taylor and Francis Group, London.
- Traffic Engineering and Transport Planning, L.R. Kadiyali, Khanna Publications
- Transportation Engineering and Planning, Author: C. S Papacostas, P. D Prevedouros, Publisher: PHI Learning
- Principles of Urban Transport Systems Planning, B.G. Hutchinson, McGraw Hill
- Urban Transport: Planning and Management, A K Jain, APH Publishing
- Modelling Transport (2011), Juan De Dios Ortuzar, Luis G. Willumsen, Publisher: John Wiley & Sons
- Integrated Land Use and Transport Modelling, Author: Tomas De La Barra, Publisher: Cambridge University Press.
- Location, Transport and Land-Use: Modelling Spatial-Temporal Information, by Yupo Chan, Publisher: Springer
- IRC Codes, UTTIPEC and ITDP Guidelines 1986, 2005, 2005
- Transportation Engineering and Planning, Author: C. S Papacostas, P. D Prevedouros, Publisher: PHI Learning 2000
- Principles of Urban Transport Systems Planning, B. G. Hutchinson, McGraw Hill 1974

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MPLN203 – TRANSPORTATION PLANNING

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 203	Pc	THEORY	TRANSPORTATION PLANNING	Max	20	20	60	0	0	2	0	0	2
				Min	9	9	27						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based on following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

SUGGESTED E-RESOURCES / RESOURCES

1. IRC Codes and Standards
2. UTTIPEC and ITDP Guidelines
3. Metro Rail and TOD Planning Reports
4. Transport Survey Databases
5. GIS-based Transportation Planning Platforms
6. Urban Mobility and Transport Planning Journals

COURSE ARTICULATION MATRIX (MAPPING OF COS WITH POS)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	2	3	3	1	-	1	2	2	-	2
CO2	3	2	3	3	3	1	3	-	2	3	-	2

ASSESSMENT SCHEME

Component	Method	COs Mapped	Weightage
Quiz / Test	Written Examination	CO1	10%
Traffic Survey Exercise	Field Survey and Data Collection	CO1	20%
Transportation Analysis Assignment	Traffic and Transport Analysis	CO1, CO2	20%
TOD and Policy Review	Policy and TOD Analysis	CO2	15%
Transport Planning Presentation	Presentation and Visualization	CO2	10%
End Semester Examination	Theory Examination	CO1, CO2	25%

EVALUATION RUBRICS

Criteria	Excellent (4)	Good (3)	Average (2)	Poor (1)
Traffic Survey and Data Collection	Comprehensive and accurate data collection	Good survey quality	Basic survey quality	Weak survey execution
Transport Analysis	Insightful and technically strong analysis	Good analytical understanding	Basic analysis	Weak analysis
Application of Planning Concepts	Effective integration with transport planning	Good application	Limited application	Weak application
TOD and Policy Understanding	Strong understanding of transport policies	Good understanding	Basic understanding	Weak understanding
Presentation Skills	Clear and technically sound presentation	Good communication	Average presentation	Poor presentation
Technical Interpretation	Accurate and practical interpretation	Good interpretation	Limited interpretation	Weak interpretation

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MPLN204: URBAN GOVERNANCE AND DEVELOPMENT MANAGEMENT (MOOC)

MPLN204: URBAN GOVERNANCE AND DEVELOPMENT MANAGEMENT (MOOC)

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 204	PC	THEORY	URBAN GOVERNANCE AND DEVELOPMENT MANAGEMENT	Max	20	20	60	0	0	2	0	0	2
				Min	9	9	27						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE INFORMATION

Prerequisites : Basic understanding of urban planning and governance systems

Mode of Delivery : MOOC-based learning, online lectures, assignments, quizzes, discussion forums and certification assessment

COURSE EDUCATIONAL OBJECTIVES (CEOs):

S. No.	CEO	Bloom's Level	Domain
CEO1	To familiarize students with concepts, principles and institutional framework of urban governance and development management.	Understand (L2)	Cognitive
CEO2	To develop understanding of urban local governance systems, development programmes, infrastructure management and financial mechanisms in urban areas.	Analyse (L4)	Cognitive

COURSE ALIGNMENT WITH UNSDG

This course contributes to SDG 11: Sustainable Cities and Communities, SDG 16: Peace, Justice and Strong Institutions and SDG 17: Partnerships for the Goals through participatory governance, urban institutional strengthening, infrastructure management and inclusive urban development practices

COURSE OUTCOMES

After completion of this course the students are expected to be able to demonstrate

CO	Outcome	Bloom	SDG
CO1	To understand urban governance systems, institutional mechanisms and urban development programmes.	Understand (L2)	SDG 11, SDG 16
CO2	To analyse urban infrastructure, municipal finance and development management practices for effective urban administration and planning.	Analyse (L4)	SDG 11, SDG 17

COURSE FOCUS:

- Urban governance systems
- Institutional and legislative framework
- Urban development programmes
- Municipal finance and budgeting
- Infrastructure management
- Development management practices

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MPLN204: URBAN GOVERNANCE AND DEVELOPMENT MANAGEMENT (MOOC)

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 204	PC	THEORY	URBAN GOVERNANCE AND DEVELOPMENT MANAGEMENT	Max	20	20	60	0	0	2	0	0	2
				Min	9	9	27						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE OVERVIEW:

This course introduces students to concepts, institutional systems and practices related to urban governance and development management. The course focuses on urban local governance, urban development programmes, infrastructure management, municipal finance and project implementation mechanisms. Students are expected to understand governance systems, urban administration practices and development management approaches relevant to urban planning and management.

MOOC LEARNING STRUCTURE

Students shall enroll in the course Urban Governance and Development Management offered through SWAYAM/NPTEL. The course shall be completed through online video lectures, reading materials, assignments, quizzes and discussion forums as prescribed by the platform. Students are expected to complete all learning modules, submit periodic assessments and appear in the final certification examination conducted by the MOOC platform. Internal assessment shall be based on participation, assignment performance, progress review and submission of completion certificate/report.

TEACHING PEDAGOGY:

Code	Method
T1	Online video lectures
T2	MOOC assignments and quizzes
T3	Case study discussions
T4	Governance and policy review exercises
T5	Independent learning and report preparation
T6	Presentations and certification assessment

ASSESSMENT TOOLS:

Code	Tool
AT11-1	MOOC Quiz / Assignment
AT11-2	Policy Review Exercise
AT11-3	Urban Governance Analysis Assignment
AT11-4	Municipal Finance Exercise
AT11-5	Presentation / Report
AT11-6	MOOC Certification / End Semester Examination

COURSE CONTENTS:

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
I	Urban Governance and Institutional Framework	Introduction to urbanization and urban governance; Constitutional and legislative provisions related to urban governance; Organizational structure and institutional framework; Urban Local Bodies and municipal administration; Decentralization and participatory governance; Demographic aspects and urban development; Land management and environmental concerns in urban development.	8 hrs	AT11-1, AT11-2

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MPLN204: URBAN GOVERNANCE AND DEVELOPMENT MANAGEMENT (MOOC)

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 204	PC	THEORY	URBAN GOVERNANCE AND DEVELOPMENT MANAGEMENT	Max	20	20	60	0	0	2	0	0	2
				Min	9	9	27						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
II	Urban Development Programmes and Infrastructure Management	Urban development policies and programmes; Smart Cities Mission, AMRUT, Swachh Bharat Mission and PMAY; Urban infrastructure and service delivery systems including water supply, sanitation, solid waste management and urban transport; Infrastructure financing and management; Role of stakeholders in urban governance and development; Public-private partnerships in urban development.	10 hrs	AT11-2, AT11-3, AT11-4
III	Development Management and Municipal Finance	Project planning, implementation, monitoring and evaluation; Development management tools; Municipal finance, budgeting and taxation; Urban reforms and governance efficiency; Leadership and professional ethics in urban management; Communication, stakeholder management, conflict resolution and capacity building in urban administration.	10 hrs	AT11-3, AT11-4, AT11-5, AT11-6

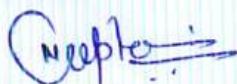
REFERENCE BOOKS / REPORTS

1. Roy, Uttam Kumar (NPTEL Course Material), Urban Governance and Development Management.
2. Mohit Bhattacharya (2012), Urban Governance in India, Concept Publishing, New Delhi.
3. Singh, B.N. and Sharma, M.P. (2009), Public Administration in Theory and Practice, Kitab Mahal.
4. Maheshwari, S.R. (2011), Local Government in India, Lakshmi Narain Agarwal.
5. Jain, A.K. (2011), Sustainable Urban Planning and Governance, Khanna Publishers.
6. NIUA Publications on Urban Governance and Municipal Management.
7. Government of India Reports on Smart Cities Mission, AMRUT, PMAY and Swachh Bharat Mission.
8. Charles Montgomery (2013), Happy City: Transforming Our Lives Through Urban Design, Farrar, Straus and Giroux.
9. World Bank Publications on Urban Management and Governance

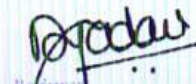
SUGGESTED E-RESOURCES / RESOURCES

1. SWAYAM and NPTEL MOOC Platforms
2. NIUA Urban Governance Resources
3. Ministry of Housing and Urban Affairs Reports
4. Smart Cities Mission and AMRUT Portals
5. Urban Governance and Municipal Finance Journals
6. World Bank Urban Development Resources


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M.PLAN (URBAN PLANNING) (2026)

MPLN204: URBAN GOVERNANCE AND DEVELOPMENT MANAGEMENT (MOOC)

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 204	PC	THEORY	URBAN GOVERNANCE AND DEVELOPMENT MANAGEMENT	Max	20	20	60	0	0	2	0	0	2
				Min	9	9	27						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE ARTICULATION MATRIX (MAPPING OF COS WITH POS)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	1	2	2	-	3	-	-	2	-	2	2
CO2	3	3	3	3	2	3	2	-	3	-	3	2

ASSESSMENT SCHEME

Component	Method	COs Mapped	Weightage
MOOC Quiz / Assignment	Online Quiz and Assignment Submission	CO1	15%
Policy Review Exercise	Governance and Programme Analysis	CO1	15%
Urban Governance Analysis Assignment	Institutional and Governance Study	CO1, CO2	20%
Municipal Finance Exercise	Financial and Budget Analysis	CO2	15%
Presentation / Report	Seminar and Report Submission	CO2	10%
MOOC Certification / End Semester Examination	Certification and Final Examination	CO1, CO2	25%

EVALUATION RUBRICS

Criteria	Excellent (4)	Good (3)	Average (2)	Poor (1)
Understanding of Governance Systems	Comprehensive and critical understanding	Good understanding	Basic understanding	Weak understanding
Policy and Programme Analysis	Strong analytical interpretation	Good analysis	Limited analysis	Weak interpretation
Municipal Finance Understanding	Accurate and practical understanding	Good understanding	Basic understanding	Weak understanding
Development Management Skills	Effective application of management concepts	Good application	Limited application	Weak application
Presentation and Communication	Clear and professional presentation	Good communication	Average presentation	Poor presentation
Independent Learning and Participation	Highly proactive and engaged learning	Good participation	Limited engagement	Weak participation

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MPLN205: GIS II

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPL N205	SEC	TUTORIAL	GIS II	Max	0	0	0	150	0	0	0	3	3
				Min				75					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE INFORMATION

Prerequisites : Basic understanding of GIS and spatial planning concepts

Mode of Delivery : MOOC-based learning, online lectures, assignments, quizzes, discussion forums and certification assessment

COURSE EDUCATIONAL OBJECTIVES (CEOs):

S. No.	CEO	Bloom's Level	Domain
CEO1	The objective of this course tends to provide a advanced learning of the computing skills related to drawing and planning tasks through GIS.	Apply (L3)	Cognitive
CEO2	The emphasis would be placed on issues and challenges related to spatial planning sectors.	Analyse (L4)	Cognitive

COURSE ALIGNMENT WITH UNSDG

This course contributes to SDG 9: Industry, Innovation and Infrastructure, SDG 11: Sustainable Cities and Communities and SDG 13: Climate Action through advanced GIS applications, geospatial analysis, remote sensing and technology-driven spatial planning approaches.

COURSE OUTCOMES

After completion of this course the students are expected to be able to demonstrate

CO	Outcome	Bloom	SDG
CO1	Ability to understand the advance concepts of GIS and its applications, know different types of data representation in GIS.	Understand (L2)	SDG 9, SDG 11
CO2	To produce maps and generate analysis of planning issues with the use of GIS and remote sensing.	Apply (L3)	SDG 11, SDG 13

COURSE FOCUS:

- Advanced GIS applications
- Geospatial analysis and modelling
- Remote sensing integration
- GIS data processing and visualization
- Spatial decision support systems
- GIS applications in urban and regional planning

COURSE OVERVIEW:

This course introduces students to advanced GIS concepts, spatial analysis techniques and GIS applications in planning practice. The course focuses on GIS data processing, geospatial analysis, GIS modelling, decision support systems, digital terrain analysis and land use analysis. Students are expected to develop

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MPLN205: GIS II

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPL N205	SEC	TUTORIAL	GIS II	Max	0	0	0	150	0	0	0	3	3
				Min				75					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

advanced GIS-based analytical and visualization skills relevant to urban and regional planning applications.

TEACHING PEDAGOGY:

Code	Method
T1	Tutorial-based GIS software learning
T2	Geospatial analysis exercises
T3	GIS modelling and mapping exercises
T4	Remote sensing demonstrations
T5	Spatial planning case studies
T6	Project-based assignments and presentations

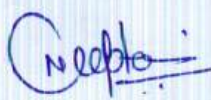
ASSESSMENT TOOLS:

Code	Tool
AT12-1	GIS Mapping Exercise
AT12-2	Geospatial Analysis Assignment
AT12-3	GIS Data Processing Exercise
AT12-4	Remote Sensing and Landuse Analysis
AT12-5	Spatial Planning Project
AT12-6	Final GIS Submission and Presentation

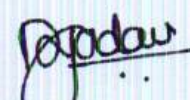
COURSE CONTENTS:

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
I	GIS Mapping Coordinate system and GIS Data Processing	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).	10 hrs	AT12-1, AT12-2, AT12-3
II	GIS Applications	GIS Applications- Network analysis, digital elevation model (DEM) and digital terrain model (DTM) Geospatial analysis, internet GIS, decision support system(DSS), automated mapping and facility management. (AM/FM), open GIS overview, customization of geo information; Inputs into and integration with housing project formulation and design studio exercise. AI-assisted suitability analysis for housing, infrastructure, and public facilities.	10 hrs	AT12-2, AT12-4, AT12-5
III	Topography and Land Analysis	Topography and Landforms; Digital Change Detection; Suitability Analysis; Landuse / Landcover Analysis; Use of GIS Data Focusing on Urban and Regional Planning.	10 hrs	AT12-3, AT12-4, AT12-5, AT12-6


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MPLN205: GIS II

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				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPL N205	SEC	TUTORIAL	GIS II	Max	0	0	0	150	0	0	0	3	3
				Min				75					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

REFERENCE BOOKS / REPORTS

1. Advanced Surveying: Total Station, GIS and Remote Sensing, Satheesh Gopi, Pearson
2. Applied Remote Sensing in Urban Planning, Governance and Sustainability, Netzbund, Springer, India
3. Environmental Modelling with GIS and Remote Sensing, Andrew Skidmore et al, CRC Press
4. Geographic Information Systems and Science, PA Longley et al, John Wiley and Sons Ltd.
5. GIS, Spatial Analysis, and Modelling, David J Maguire et al, ESRI Press
6. Landuse Change Detection using GIS, Remote Sensing and Spatial Matrices, Mesfin T Bekalo et al, Lap Lambert Academic Publications
7. Lans Sustainability Evaluation using GIS and Remote Sensing Technology, Mezenzia Mengist, Vdm Verlag
8. Remote Sensing and GIS Integration: Theories, Methods and Applications, Qihao Weng, McGraw Hill Professional
9. Remote Sensing and GIS, Basdudeb Bhatta, Oxford University Press
10. Remote Sensing and Image Interpretation, Thomas M Lillesand et al, John Wiley and Sons Ltd.

SUGGESTED E-RESOURCES / RESOURCES

1. QGIS and ArcGIS Learning Platforms
2. ISRO and Bhuvan GIS Resources
3. Remote Sensing and GIS Databases
4. Urban Spatial Data Portals
5. GIS and Geospatial Analysis Journals
6. Open GIS and Spatial Modelling Resources

COURSE ARTICULATION MATRIX (MAPPING OF COS WITH POS)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	2	3	3	-	-	1	2	-	-	2
CO2	3	3	3	3	3	1	3	-	2	-	-	2

ASSESSMENT SCHEME

Component	Method	COs Mapped	Weightage
GIS Mapping Exercise	GIS Mapping and Visualization	CO1	15%
Geospatial Analysis Assignment	Spatial Analysis and Modelling	CO1, CO2	20%
GIS Data Processing Exercise	Digitization and GIS Processing	CO1	15%
Remote Sensing and Landuse Analysis	Raster and Land Analysis	CO2	15%
Spatial Planning Project	GIS-based Planning Application	CO2	15%
Final GIS Submission and Presentation	Practical Submission and Presentation	CO1, CO2	20%

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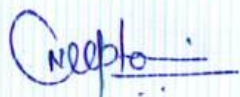
COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS	
				Marks	THEORY			STUDIO						
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva					
MPL N205	SEC	TUTORIAL	GIS II	Max	0	0	0	150	0	0	0	3	3	
				Min				75						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

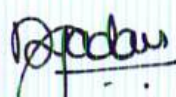
EVALUATION RUBRICS

Criteria	Excellent (4)	Good (3)	Average (2)	Poor (1)
GIS Data Processing	Accurate and efficient GIS workflow	Good processing quality	Basic processing	Weak processing
Geospatial Analysis	Strong analytical and technical understanding	Good analysis	Limited analysis	Weak understanding
Mapping and Visualization	Professional and effective visualization	Good graphical quality	Basic representation	Poor visualization
Application in Planning	Effective GIS integration in planning	Good application	Limited application	Weak application
Technical Understanding	Strong understanding of GIS concepts	Good understanding	Basic understanding	Weak understanding
Presentation and Project Work	Clear and technically sound presentation	Good communication	Average presentation	Weak presentation

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M.PLAN (URBAN PLANNING) (2026)

MPLN206: SEMINAR - RESEARCH IN PLANNING

MPLN206: SEMINAR - RESEARCH IN PLANNING

COURSE CODE	COURSE CORE	COURSE TYPOLGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 206	VAC	STUDIO	SEMINAR - RESEARCH IN PLANNING	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE INFORMATION

Prerequisites : Basic understanding of planning concepts and analytical thinking

Mode of Delivery : Studio-based learning, seminars, literature review exercises, field investigations and research presentations

COURSE EDUCATIONAL OBJECTIVES (CEOS):

S. No.	CEO	Bloom's Level	Domain
CEO1	To introduce students to the fundamentals of research methodology and academic inquiry in urban planning.	Understand (L2)	Cognitive
CEO2	To develop analytical, writing and presentation skills through independent research on planning-related topics.	Apply (L3)	Cognitive
CEO3	To enable students to prepare and present a research paper based on scientific methods of investigation and analysis.	Create (L6)	Cognitive

COURSE ALIGNMENT WITH UNSDG

This course contributes to SDG 4: Quality Education, SDG 11: Sustainable Cities and Communities and SDG 17: Partnerships for the Goals through research-based learning, analytical planning studies and evidence-based urban planning practices

COURSE OUTCOMES

After completion of this course the students are expected to be able to demonstrate

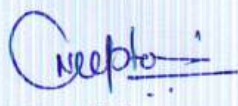
CO	Outcome	Bloom	SDG
CO1	To identify and formulate research problems related to urban and regional planning.	Analyse (L4)	SDG 11
CO2	To apply basic research methods, data collection and analytical techniques in planning studies.	Apply (L3)	SDG 4, SDG 11
CO3	To prepare a structured research paper and communicate findings effectively through seminar presentations.	Create (L6)	SDG 4, SDG 17

COURSE FOCUS:

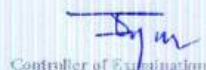
- Research methodology in planning
- Data collection and analysis
- Research paper preparation
- Seminar presentation and communication
- Planning-based analytical studies
- Literature review and academic inquiry


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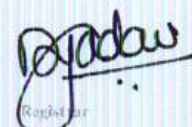
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MPLN206: SEMINAR - RESEARCH IN PLANNING

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 206	VAC	STUDIO	SEMINAR - RESEARCH IN PLANNING	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE OVERVIEW:

This studio course introduces students to research methodology and academic inquiry in urban planning. The course focuses on identification of research problems, literature review, data collection, analytical techniques and preparation of research papers related to urban and regional planning themes. Students are expected to undertake independent research and communicate findings through structured reports and seminar presentations.

TEACHING PEDAGOGY:

Code	Method
T1	Studio-based research guidance
T2	Literature review and analytical exercises
T3	Field investigations and data collection
T4	Research discussions and peer reviews
T5	Seminar presentations and critiques
T6	Research paper preparation and report reviews

ASSESSMENT TOOLS:

AT13-1	Literature Review Exercise
AT13-2	Research Methodology Assignment
AT13-3	Field Investigation and Data Collection
AT13-4	Working Paper Submission
AT13-5	Seminar Presentation
AT13-6	Final Research Paper and Viva Voce

COURSE CONTENTS:

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
I	Research Identification and Studio Exercises	Identification of research themes and issues in urban planning and allied fields; Selection of seminar topic based on individual student interest; Preparation of research objectives, scope and methodology; Literature review exercises; Study of research papers, reports and case studies; Exercises on questionnaire preparation, interview methods, field observations and secondary data collection; Studio discussions and topic presentations.	8 hrs	AT13-1, AT13-2

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MPLN206: SEMINAR - RESEARCH IN PLANNING

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment ⁺	End Sem University Exam	Internal Assessment	External Viva				
MPLN 206	VAC	STUDIO	SEMINAR - RESEARCH IN PLANNING	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
II	Research analysis and working paper development	Field investigations and data collection related to selected research topic; Compilation, classification and interpretation of data; Use of maps, graphics, photographs and spatial representation techniques in planning research; Preparation of analytical charts, diagrams and presentations; Working paper preparation; Studio critiques, peer reviews and progress seminars; Application of basic analytical and referencing tools in planning research.	14 hrs	AT13-3, AT13-4, AT13-5
III	Seminar presentation and research paper preparation	Preparation of final research report and seminar paper; Structuring of chapters, references, bibliography and graphical outputs; Individual consultations and studio reviews; Seminar presentations and discussions; Preparation of presentation drawings, posters and digital presentations; Final research paper submission and viva-voce based on research methodology, analysis and findings.	8 hrs	AT13-4, AT13-5, AT13-6

REFERENCE BOOKS / REPORTS

1. Kothari, C.R. (2004), Research Methodology: Methods and Techniques, New Age International Publishers.
2. Creswell, J.W. (2014), Research Design: Qualitative, Quantitative and Mixed Methods Approaches, Sage Publications.
3. Kumar, Ranjit (2019), Research Methodology: A Step-by-Step Guide for Beginners, Sage Publications.
4. Groat, Linda and Wang, David (2013), Architectural Research Methods, Wiley Publications.
5. Montgomery, C. (2013), Happy City: Transforming Our Lives Through Urban Design, Farrar, Straus and Giroux.
6. APA Manual and standard referencing guidelines for academic writing.
7. Research journals, conference proceedings and government reports related to urban planning and development.

SUGGESTED E-RESOURCES / RESOURCES

1. Research Journals and Planning Databases
2. Google Scholar and Academic Repositories
3. APA Referencing Guidelines
4. Urban Planning Research Reports and Case Studies
5. GIS and Statistical Analysis Software Resources
6. Government Data Portals and Planning Publications

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MPLN206: SEMINAR - RESEARCH IN PLANNING

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 206	VAC	STUDIO	SEMINAR - RESEARCH IN PLANNING	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE ARTICULATION MATRIX (MAPPING OF COS WITH POS)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	2	3	2	1	1	-	-	2	-	2
CO2	3	3	3	3	3	1	2	-	2	3	-	2

ASSESSMENT SCHEME

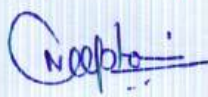
Component	Method	COs Mapped	Weightage
Literature Review Exercise	Literature Analysis and Review	CO1	15%
Research Methodology Assignment	Research Design and Methodology	CO1, CO2	15%
Field Investigation and Data Collection	Field Survey and Documentation	CO2	20%
Working Paper Submission	Analytical Working Paper	CO2, CO3	20%
Seminar Presentation	Seminar and Presentation	CO3	10%
Final Research Paper and Viva Voce	Final Submission and Viva	CO1, CO2, CO3	20%

EVALUATION RUBRICS

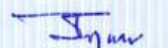
Criteria	Excellent (4)	Good (3)	Average (2)	Poor (1)
Research Problem Identification	Clearly defined and relevant research problem	Good identification of topic	Basic problem identification	Weak topic definition
Research Methodology	Appropriate and well-structured methodology	Good methodological framework	Basic methodology	Weak methodology
Data Collection and Analysis	Comprehensive and analytical interpretation	Good analysis	Limited analytical depth	Weak analysis
Research Paper Writing	Well-structured, properly referenced and analytical	Good academic writing	Basic organization	Poorly structured
Presentation Skills	Clear, confident and professional presentation	Good communication	Average presentation	Weak presentation
Application in Planning Research	Strong linkage with planning issues	Good application	Limited relevance	Weak planning relevance


 Chairperson

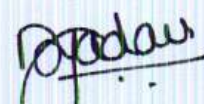
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MPLN217(A) – DSE - URBAN DESIGN AND HERITAGE CONSERVATION

MPLN217(A): DISCIPLINE SPECIFIC ELECTIVE - URBAN DESIGN AND HERITAGE CONSERVATION

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 217 (A)	DSE	STUDIO	URBAN DESIGN AND HERITAGE CONSERVATION	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE INFORMATION

Prerequisites : Basic understanding of urban planning and settlement systems

Mode of Delivery : Studio-based learning, analytical exercises, mapping, case studies, seminars and graphical presentations

COURSE EDUCATIONAL OBJECTIVES (CEOs):

S. No.	CEO	Bloom's Level	Domain
CEO1	To develop understanding of urban heritage, conservation principles and urban design practices in the context of human settlements.	Understand (L2)	Cognitive
CEO2	To familiarize students with heritage conservation approaches, legislation and community participation in urban regeneration processes.	Analyse (L4)	Cognitive
CEO3	To develop analytical, graphical and design skills for preparation of urban design and heritage conservation proposals.	Create (L6)	Cognitive

COURSE ALIGNMENT WITH UNSDG

This course contributes to SDG 11: Sustainable Cities and Communities and SDG 15: Life on Land through heritage conservation, cultural landscape preservation, sustainable urban regeneration and context-sensitive urban design approaches.

COURSE OUTCOMES

After completion of this course the students are expected to be able to demonstrate

CO	Outcome	Bloom	SDG
CO1	Ability to identify and analyse heritage precincts, urban form and conservation issues within historic settlements.	Analyse (L4)	SDG 11
CO2	Understanding of integration of heritage conservation with urban planning, urban design and development processes.	Understand (L2)	SDG 11, SDG 15
CO3	Ability to prepare urban design and heritage conservation proposals through studio-based exercises, mapping and case studies.	Create (L6)	SDG 11

COURSE FOCUS:

1. Urban heritage and conservation
2. Heritage documentation and mapping
3. Urban design principles
4. Heritage legislation and management
5. Urban regeneration and revitalization



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MPLN217(A) – DSE - URBAN DESIGN AND HERITAGE CONSERVATION

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 217 (A)	DSE	STUDIO	URBAN DESIGN AND HERITAGE CONSERVATION	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legend: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

6. Community participation in conservation

COURSE OVERVIEW:

This studio course introduces students to urban design and heritage conservation approaches in the context of historic settlements and urban environments. The course focuses on heritage identification, documentation, mapping, urban form analysis, conservation practices and urban regeneration strategies. Students are expected to prepare urban design and heritage conservation proposals through studio exercises, analytical studies and graphical presentations.

TEACHING PEDAGOGY:

Code	Method
T1	Studio-based learning and guided exercises
T2	Heritage mapping and documentation exercises
T3	Urban design analysis and graphical studies
T4	Case study analysis and discussions
T5	Seminar presentations and studio critiques
T6	Final design and conservation proposal preparation

ASSESSMENT TOOLS:

Code	Tool
AT14-1	Heritage Mapping Exercise
AT14-2	Documentation and Inventory Preparation
AT14-3	Urban Design Analysis Assignment
AT14-4	Conservation Case Study Review
AT14-5	Seminar Presentation
AT14-6	Final Urban Design and Conservation Proposal

COURSE CONTENTS:

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
I	Heritage identification, mapping and documentation studio	Identification and classification of urban heritage; Heritage inventories, mapping and documentation techniques; Visual surveys and documentation of heritage precincts, streetscapes and public spaces; Study of cultural landscapes and historic urban fabric; Exercises on preparation of heritage inventory sheets, photographic documentation and base maps; Heritage as a tool for sustainable urban conservation and development. Study of Traditional urban morphology and historic settlement planning systems, Heritage Conservation through Indian Traditions, traditional urban design principles	10 hrs	AT14-1, AT14-2

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MPLN217(A) – DSE - URBAN DESIGN AND HERITAGE CONSERVATION

COURSE CODE	COURSE CORE	COURSE TYPOLGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS	
				Marks	THEORY			STUDIO						
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva					
MPLN 217 (A)	DSE	STUDIO	URBAN DESIGN AND HERITAGE CONSERVATION	Max	0	0	0	100	0	0	0	2	2	
				Min				50						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
I	Heritage conservation and urban design studio	Study of natural and built heritage conservation practices; Integration of heritage areas and historic cores with urban development plans and land use planning; Community participation and stakeholder involvement in conservation; Preparation of urban design and conservation proposals through studio exercises, analytical drawings and case studies. Study of Indigenous conservation practices and cultural landscape management.	10 hrs	AT14-1, AT14-2
III	Urban regeneration, heritage management and seminar presentation	Urban regeneration, revitalization, rehabilitation and redevelopment approaches in heritage areas; Heritage tourism and cultural resource management; Preparation of heritage management and conservation plans; Study of national and international case studies related to urban conservation and regeneration; Studio critiques and seminars; Preparation and presentation of final urban design and heritage conservation proposal including drawings, reports and graphical presentations.	10 hrs	AT14-4, AT14-5, AT14-6

REFERENCE BOOKS / REPORTS

1. Lynch, Kevin (1960), The Image of the City, MIT Press.
2. Shirvani, Hamid (1985), The Urban Design Process, Van Nostrand Reinhold.
3. Jokilehto, Jukka (1999), A History of Architectural Conservation, Butterworth-Heinemann.
4. Feilden, Bernard M. (2003), Conservation of Historic Buildings, Routledge.
5. Appleyard, Donald (1981), Livable Streets, University of California Press.
6. Cullen, Gordon (1961), Townscape, Architectural Press.
7. UNESCO Recommendations on Historic Urban Landscape (2011).
8. INTACH Charter for Conservation of Unprotected Architectural Heritage and Sites in India.
9. Government of India Acts, policies and programmes related to heritage conservation and urban regeneration.

SUGGESTED E-RESOURCES / RESOURCES

1. UNESCO Historic Urban Landscape Resources
2. INTACH Conservation Guidelines
3. Heritage Mapping and Documentation Portals
4. Urban Design and Conservation Journals
5. Government Heritage Conservation Policies and Acts
6. Digital Heritage and GIS Mapping Platforms

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MPLN217(A) – DSE - URBAN DESIGN AND HERITAGE CONSERVATION

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS	
				Marks	THEORY			STUDIO						
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva					
MPLN 217 (A)	DSE	STUDIO	URBAN DESIGN AND HERITAGE CONSERVATION	Max	0	0	0	100	0	0	0	2	2	
				Min				50						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE ARTICULATION MATRIX (MAPPING OF COS WITH POS)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	3	2	-	3	-	1	-	-	2
CO2	3	3	2	3	2	2	3	2	-	2	-	2
CO3	3	3	3	3	3	-	3	2	3	3	-	2

ASSESSMENT SCHEME

Component	Method	COs Mapped	Weightage
Heritage Mapping Exercise	Mapping and Documentation Exercise	CO1	15%
Documentation and Inventory Preparation	Heritage Inventory and Documentation	CO1	15%
Urban Design Analysis Assignment	Analytical and Graphical Exercise	CO2	15%
Conservation Case Study Review	Conservation and Regeneration Analysis	CO2	15%
Seminar Presentation	Seminar and Studio Presentation	CO2, CO3	10%
Final Urban Design and Conservation Proposal	Studio Jury, Drawings and Report Submission	CO1, CO2, CO3	30%

EVALUATION RUBRICS

Criteria	Excellent (4)	Good (3)	Average (2)	Poor (1)
Heritage Documentation	Comprehensive and accurate documentation	Good documentation quality	Basic documentation	Weak documentation
Urban Design Analysis	Strong analytical and graphical understanding	Good analysis	Limited analysis	Weak understanding
Conservation Understanding	Insightful understanding of conservation principles	Good understanding	Basic understanding	Weak interpretation
Design Proposal Quality	Innovative and context-responsive proposals	Practical and relevant proposals	Basic proposals	Weak proposals
Graphic Representation	Professional and visually effective representation	Good graphical quality	Average representation	Poor presentation

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MPLN217(B) – DSE – PLANNING FOR TOURISM

MPLN217(B): DISCIPLINE SPECIFIC ELECTIVE – PLANNING FOR TOURISM

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 217 (B)	DSE	STUDIO	PLANNING FOR TOURISM	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE INFORMATION

Prerequisites : Basic understanding of urban planning and settlement systems

Mode of Delivery : Studio-based learning, mapping exercises, case studies, analytical studies and seminar presentations

COURSE EDUCATIONAL OBJECTIVES (CEOS):

S. No.	CEO	Bloom's Level	Domain
CEO1	To introduce the principles and concepts of tourism planning in urban and regional contexts.	Understand (L2)	Cognitive
CEO2	To develop understanding of tourism resources, tourism infrastructure and destination planning.	Analyse (L4)	Cognitive
CEO3	To develop analytical and planning skills through mapping, case studies and tourism planning exercises	Create (L6)	Cognitive

COURSE ALIGNMENT WITH UNSDG

This course contributes to SDG 8: Decent Work and Economic Growth, SDG 11: Sustainable Cities and Communities and SDG 15: Life on Land through sustainable tourism planning, heritage conservation, destination management and community-based tourism development.

COURSE OUTCOMES

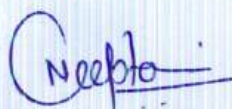
After completion of this course the students are expected to be able to demonstrate

CO	Outcome	Bloom	SDG
CO1	Ability to analyse tourism potential and integrate tourism planning concepts within development plans.	Analyse (L4)	SDG 11
CO2	Understanding of tourism policies, programmes and infrastructure requirements related to tourism development.	Understand (L2)	SDG 8, SDG 11
CO3	Ability to prepare tourism planning proposals through mapping, case studies and secondary research	Create (L6)	SDG 8, SDG 11, SDG 15

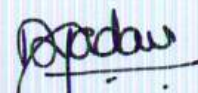
COURSE FOCUS:

1. Tourism planning principles
2. Tourism resource identification and mapping
3. Destination planning and management
4. Tourism infrastructure and accessibility
5. Sustainable tourism development
6. Tourism policies and programmes


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MPLN217(B) – DSE – PLANNING FOR TOURISM

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment ^a	End Sem University Exam	Internal Assessment	External Viva				
MPLN 217 (B)	DSE	STUDIO	PLANNING FOR TOURISM	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE OVERVIEW:

This studio course introduces students to tourism planning concepts, tourism resources and destination planning approaches relevant to urban and regional planning. The course focuses on tourism resource mapping, tourism infrastructure, tourism impacts, destination management and preparation of tourism planning proposals. Students are expected to undertake analytical studies, mapping exercises and case study-based tourism planning exercises.

TEACHING PEDAGOGY:

Code	Method
T1	Studio-based learning and guided exercises
T2	Tourism resource mapping and analytical studies
T3	Case study analysis and discussions
T4	Tourism infrastructure assessment exercises
T5	Seminar presentations and peer reviews
T6	Tourism planning proposal preparation

ASSESMENT TOOLS:

Code	Tool
AT15-1	Tourism Resource Mapping Exercise
AT15-2	Tourism Potential Assessment
AT15-3	Tourism Infrastructure Analysis
AT15-4	Case Study Review
AT15-5	Seminar Presentation
AT15-6	Final Tourism Planning Report

COURSE CONTENTS:

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
I	Tourism Resources And Destination Identification	Introduction to tourism, scope and classification of tourism activities; Tourism as a component of urban and regional planning; Types of tourism including cultural, heritage, eco-tourism, religious and leisure tourism; Identification and mapping of tourism resources and tourism circuits; Study of tourism destinations through secondary data, maps and case studies; Tourism potential assessment and destination profiling exercises.	10 hrs	AT15-1, AT15-2

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MPLN217(B) – DSE – PLANNING FOR TOURISM

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 217 (B)	DSE	STUDIO	PLANNING FOR TOURISM	Max	0	0	0	100	0	0	0	2	2
				Min			50						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
II	Tourism Infrastructure and Impact Analysis	Tourism infrastructure and support facilities; Relationship between tourism and urban development; Tourism impacts on local economy, environment and communities; Tourism carrying capacity and sustainability considerations; Mapping and analysis of accessibility, land use, activity areas and tourism infrastructure; Study of tourism trends, tourism markets and case studies related to tourism planning and destination management.	12 hrs	AT15-2, AT15-3, AT15-4
III	Tourism planning, policies and seminar presentation	Principles and stages of tourism planning; Tourism policies, programmes and institutional framework in India; Role of government agencies, private sector and local communities in tourism development; Preparation of conceptual tourism development proposals through mapping and research-based exercises; Study of Tourism marketing and management strategies; Seminar presentations, case study discussions and preparation of final tourism planning report with graphical and analytical outputs.	14 hrs	AT15-4, AT15-5, AT15-6

REFERENCE BOOKS / REPORTS

1. Inskip, Edward (1991), Tourism Planning: An Integrated and Sustainable Development Approach, Van Nostrand Reinhold.
2. Gunn, Clare A. and Var, Turgut (2002), Tourism Planning: Basics, Concepts and Cases, Routledge.
3. Cooper, Chris et al. (2008), Tourism: Principles and Practice, Pearson Education.
4. Hall, C. Michael (2008), Tourism Planning: Policies, Processes and Relationships, Pearson Education.
5. Singh, S. (2008), Tourism in India: Policy, Planning and Perspectives, Kanishka Publishers.
6. Kaul, R.N. (1985), Dynamics of Tourism, Sterling Publishers Pvt. Ltd.
7. Ministry of Tourism, Government of India – Tourism Policies, Schemes and Guidelines.
8. UNESCO Reports and Guidelines on Cultural and Heritage Tourism.
9. Incredible India Campaign Reports and Tourism Development Plans.
10. Research papers, journals and case studies related to tourism planning, destination management and sustainable tourism development

SUGGESTED E-RESOURCES / RESOURCES

1. Ministry of Tourism, Government of India Resources
2. Incredible India Tourism Portal
3. UNESCO Cultural and Heritage Tourism Resources
4. Sustainable Tourism and Destination Planning Journals
5. Tourism GIS and Mapping Platforms
6. Tourism Development Reports and Case Studies

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MPLN217(B) – DSE – PLANNING FOR TOURISM

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS	
				Marks	THEORY			STUDIO						
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva					
MPLN 217 (B)	DSE	STUDIO	PLANNING FOR TOURISM	Max	0	0	0	100	0	0	0	2	2	
				Min				50						

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE ARTICULATION MATRIX (MAPPING OF COS WITH POS)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	2	3	2	-	3	-	1	2	-	2
CO2	3	-	2	3	2	1	3	-	1	2	1	2
CO3	3	3	3	3	3	-	3	-	2	3	-	2

ASSESSMENT SCHEME

Component	Method	COs Mapped	Weightage
Tourism Resource Mapping Exercise	Mapping and Analytical Exercise	CO1	15%
Tourism Potential Assessment	Destination Assessment Study	CO1	15%
Tourism Infrastructure Analysis	Infrastructure and Accessibility Analysis	CO2	15%
Case Study Review	Tourism Destination and Policy Analysis	CO2	15%
Seminar Presentation	Seminar and Tourism Proposal Presentation	CO3	10%
Final Tourism Planning Report	Final Studio Report and Viva	CO1, CO2, CO3	30%

EVALUATION RUBRICS

Criteria	Excellent (4)	Good (3)	Average (2)	Poor (1)
Tourism Resource Analysis	Comprehensive and insightful analysis	Good analytical understanding	Basic analysis	Weak analysis
Tourism Planning Understanding	Strong understanding of tourism planning concepts	Good understanding	Basic understanding	Weak understanding
Infrastructure and Impact Assessment	Detailed and technically sound assessment	Good assessment quality	Basic assessment	Weak assessment
Planning Proposal Quality	Innovative and context-responsive proposals	Practical and relevant proposals	Basic proposals	Weak proposals
Graphic Representation and Mapping	Professional and effective graphical outputs	Good representation	Average representation	Poor presentation

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MPLN217(B): DISCIPLINE SPECIFIC ELECTIVE – MOOC

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 217 (C)	DSE	STUDIO	MOOC	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE INFORMATION

Prerequisites : Basic understanding of urban planning and allied planning disciplines

Mode of Delivery : MOOC-based learning, online lectures, assignments, quizzes, seminar presentations and faculty-guided reviews

COURSE EDUCATIONAL OBJECTIVES (CEOs):

S. No.	CEO	Bloom's Level	Domain
CEO1	To expose students to contemporary knowledge and practices in urban planning through online learning platforms such as SWAYAM and NPTEL.	Understand (L2)	Cognitive
CEO2	To develop self-learning, analytical and presentation skills through structured MOOC-based exercises and discussions.	Apply (L3)	Cognitive

COURSE ALIGNMENT WITH UNSDG

This course contributes to SDG 4: Quality Education, SDG 9: Industry, Innovation and Infrastructure and SDG 11: Sustainable Cities and Communities through technology-enabled learning, interdisciplinary planning knowledge and self-directed analytical learning approaches.

COURSE OUTCOMES

After completion of this course the students are expected to be able to demonstrate

CO	Outcome	Bloom	SDG
CO1	Ability to understand and apply concepts learned through approved MOOCs related to urban planning and allied fields.	Apply (L3)	SDG 4, SDG 11
CO2	Ability to prepare reports, presentations and analytical outputs based on the selected MOOC course content.	Create (L6)	SDG 4, SDG 9

COURSE FOCUS:

1. MOOC-based learning
2. Contemporary planning knowledge
3. Online analytical exercises
4. Planning-related case studies
5. Seminar presentations
6. Independent and self-directed learning

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MPLN217(C) – DSE – MOOC

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 217 (C)	DSE	STUDIO	MOOC	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S - Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

COURSE OVERVIEW:

This course introduces students to contemporary knowledge, practices and analytical approaches in urban planning and allied disciplines through approved online learning platforms such as SWAYAM and NPTEL. Students are expected to enroll in a relevant MOOC course, complete assignments and assessments, and prepare analytical reports and seminar presentations based on the selected course content.

TEACHING PEDAGOGY:

Code	Method
T1	Online video lectures and MOOC modules
T2	Online assignments and quizzes
T3	Case study analysis and discussions
T4	Analytical exercises and report preparation
T5	Seminar presentations and peer reviews
T6	Faculty-guided reviews and final submission

ASSESSMENT TOOLS:

Code	Tool
AT16-1	MOOC Enrollment and Participation
AT16-2	Online Quiz and Assignment Performance
AT16-3	Analytical Summary and Case Study Review
AT16-4	Seminar Presentation
AT16-5	Final Analytical Report
AT16-6	Viva Voce and MOOC Completion Certificate

COURSE CONTENTS:

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
I	MOOC enrollment and online learning	Students shall enroll in any approved MOOC course offered through SWAYAM, NPTEL or other recognized online learning platforms related to urban planning and allied disciplines such as housing, transport planning, GIS, urban governance, sustainability, smart cities, etc. The selected course shall be approved by the concerned faculty coordinator. Students shall regularly attend online lectures, complete assignments, quizzes and assessments prescribed in the MOOC course, and maintain a record of progress throughout the semester.	As per MOOC Schedule	AT16-1, AT16-2
II	Analytical exercises and seminar presentation	Based on the selected MOOC, students shall prepare analytical summaries, mapping exercises, case study reviews, seminar presentations and a final report highlighting key learnings and their relevance to planning practice. Periodic studio reviews and presentations shall be conducted under faculty guidance. Students are also required to submit the MOOC completion certificate and course	As per MOOC Schedule	AT16-3, AT16-4, AT16-5, AT16-6



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MPLN217(C) – DSE – MOOC

performance report at the end of the semester.

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 217 (C)	DSE	STUDIO	MOOC	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

Unit	Syllabus: Topic	Subtopic	Teaching Hours	Assessment Tools
III	Evaluation and performance review	The evaluation shall be based on MOOC enrollment and completion status, performance in assignments and quizzes of the online course, quality of seminar presentations, analytical exercises, final report submission and viva-voce conducted by the institute.	As per MOOC Schedule	AT16-1, AT16-2, AT16-4, AT16-5, AT16-6

REFERENCE BOOKS / REPORTS

1. SWAYAM Portal Course Materials and Lecture Notes.
2. NPTEL Course Modules related to Urban Planning and Allied Fields.
3. Ministry of Education, Government of India – SWAYAM Guidelines.
4. Relevant journals, reports, case studies and publications related to the selected MOOC topic.

SUGGESTED E-RESOURCES / RESOURCES

1. SWAYAM Platform
2. NPTEL Online Courses
3. Ministry of Education Digital Learning Resources
4. Urban Planning and Smart City MOOC Platforms
5. Planning Journals and Online Research Databases
6. Government Policy and Planning Portals

COURSE ARTICULATION MATRIX (MAPPING OF COS WITH POS)

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	3	1	2	-	1	-	-	2
CO2	3	3	3	-	3	1	2	2	2	3	-	2

ASSESSMENT SCHEME

Component	Method	COs Mapped	Weightage
MOOC Enrollment and Participation	Enrollment Verification and Participation Tracking	CO1	10%
Online Quiz and Assignment Performance	MOOC-based Online Assessments	CO1	20%
Analytical Summary and Case Study Review	Analytical and Review Exercise	CO1, CO2	20%
Seminar Presentation	Seminar and Presentation	CO2	15%
Final Analytical Report	Report Submission and Documentation	CO2	20%
Viva Voce and MOOC Completion Certificate	Viva and Certification Submission	CO1, CO2	15%

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MPLN217(C) – DSE – MOOC

COURSE CODE	COURSE CORE	COURSE TYPOLOGY	COURSE NAME	TEACHING & EVALUATION SCHEME						L	T	S	CREDITS
				Marks	THEORY			STUDIO					
					Two Term Exam	Teachers Assessment*	End Sem University Exam	Internal Assessment	External Viva				
MPLN 217 (C)	DSE	STUDIO	MOOC	Max	0	0	0	100	0	0	0	2	2
				Min				50					

Legends: L - Lecture; T - Tutorial/Teacher Guided Student Activity; S – Studio; C - Credit; *Teacher Assessment shall be based following components: Quiz/Assignment/ Project/Participation in Class, given that no component shall exceed more than 10 marks.

EVALUATION RUBRICS

Criteria	Excellent (4)	Good (3)	Average (2)	Poor (1)
MOOC Participation and Engagement	Highly active and consistent participation	Good engagement	Moderate participation	Weak participation
Understanding of Course Content	Comprehensive understanding and application	Good understanding	Basic understanding	Weak understanding
Analytical and Critical Thinking	Strong analytical and interpretative ability	Good analysis	Limited analysis	Weak analytical ability
Report Preparation	Well-structured and analytical report	Good report quality	Basic organization	Poorly structured
Presentation Skills	Clear, confident and professional presentation	Good communication	Average presentation	Weak presentation


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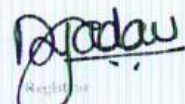
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Annexure 2

Programmes where new courses and value added courses introduced or syllabus revised

Programme Code	Programme name	Year of Introduction	Introduction of New Courses/ Value Added Courses	If revision carried out in the syllabus , Percentage of content added or replaced
M.Plan	Masters of Planning (Urban Planning)	2019	Seminar - Research in Planning	(VAC introduced)
			GIS I	30%
			Housing and Environmental Planning	30%
			Demography and Quantitative Methods	20%
			Transportation Planning	30%
			Urban Governance and Development Management	30%
			GIS II	10%

Annexure 3

Programmes in which Choice Based Credit System (CBCS)/elective course system implemented

Programme Code	Programme name	Year of Introduction	Year of implementation of CBCS / Elective Course System (ECS)	Revision in the syllabus of the Course of CBCS/ECS	If revision carried out in the syllabus, Percentage of content added or replaced
M.Plan	Masters of Planning (Urban Planning)	2019	2019	Generic Elective	
				DISCIPLINE SPECIFIC ELECTIVE: Urban Design and Heritage Conservation, Planning for Tourism, MOOC	
				CORE ELECTIVE: Politics and Planning, Project Planning Management, MOOC	30%
				OPEN ELECTIVE: MOOC – (NPTEL/SWAYAM)	

Annexure 4

Courses having focus on Employability/ Entrepreneurship/ Skill development

Course Code	Name of the Course	Year of introduction	Activities/Content with direct bearing on Employability	Activities/Content with direct bearing on Entrepreneurship	Activities/Content with direct bearing on Skill development
MPLN101	Planning Studio I	2019	Practical planning exposure and project-based learning	Professional proposal and project development	Analytical and planning skills Technical drawing and GIS skills
MPLN105	GIS I	2026		GIS consultancy for land and infrastructure projects Spatial database creation and management	Digital and computational competency, Learning of use of geospatial softwares
MPLN201	Planning Studio II	2019	Practical planning exposure and project-based learning	Professional proposal and project development	Analytical and planning skills Technical drawing and GIS skills
MPLN205	GIS II	2026		GIS consultancy for land and infrastructure projects Spatial database creation and management	Digital and computational competency, learning of Use of geospatial softwares

Annexure 6

Courses having focus on Sustainable Development Goals(SDGs)

Course Code	Name of the Course	Year of introduction	Mapping with SDG No.	Activities/Content with direct bearing on SDG
MPLN101	Planning Studio I	2019	SDG 11, SDG 6, SDG 9, SDG 13	Sustainable Cities and Communities, Clean Water and Sanitation, Industry, Innovation and Infrastructure and Climate Action
MPLN107	Housing and Environment Planning	2019	SDG 11, SDG 13, SDG 14, SDG 15	Sustainable Cities and Communities, Climate Action, Life below Water, Life on Land
MPLN201	Planning Studio II	2019	SDG 11, SDG 6, SDG 9, SDG 13	Sustainable Cities and Communities, Clean Water and Sanitation, Industry, Innovation and Infrastructure and Climate Action

Annexure 7

Integration of Indian Knowledge System (IKS)

Course Code	Name of the Course	Year of introduction	Integration of IKS	Content of syllabus which direct bearing with IKS
MPLN106	Planning History and Theory	2019	Integrated	Ancient Indian Town Planning Traditions, Indigenous Settlement Patterns, Traditional Planning systems.
MPLN217(A)	Urban Design and Heritage Conservation	2019	Integrated	Heritage Conservation through Indian Traditions, traditional urban design principles

Annexure 8

AI Integration in Curriculum

Course Code	Name of the Course	Year of introduction	Inclusion of AI	Content of syllabus which direct bearing with AI
MPLN101	Planning Studio I	2019	Included	AI Assisted spatial analysis, visualization, predictive modelling, and data-driven planning exercises
MPLN102	Planning Techniques	2019	Included	Use of AI for Presentation of spatial data, analysis and proposals
MPLN105	GIS I	2026	Included	AI-based GIS Activities
MPLN201	Planning Studio I	2019	Included	AI Assisted spatial analysis, visualization, predictive modelling, and data-driven planning exercises
MPLN205	GIS II	2026	Included	AI-based GIS Activities

Annexure 9

Programmes where syllabus revision carried out

Programme Code	Programme name	Year of Introduction	Revision in Syllabus of Existing Course	If revision carried out in the syllabus , Percentage of content added or replaced
M.Plan	Masters of Planning (Urban Planning)	2019	Included	35%