

Course Title: Urban Planning (Elective)

**Programme :
MA Public Policy and Governance**

Course Category: Postgraduate Programme

Schedule of Offering: Semester II

Course Credits: [3]

● **Lecture: [3 hours per week]**

● **Tutorial: [1 hour per week]**

● **Practical: [none]**

Contact hours per week: [3 hours per week]

Course Instructor:

1. Introduction

This course will introduce students to the domain of urban planning. It is meant to provide students with knowledge on the historic development of urban planning through theories and concepts of planning. The course will also give an insight into the overall urban planning practice in the country, and familiarise them with the urban governance framework and the constitutional provisions that the urban policy developers have to consider. The subject will discuss key issues like housing for poor, waste management, etc. and sustainable approach towards infrastructure planning and public transportation.

2. Course Objectives

1. To understand the concepts and practices of urban planning in India and examine the elements of urban planning throughout the history.
2. To develop an understanding of the efficiency and effectiveness of urban governance and analyse the innovations and reforms in urban governance.
3. To demonstrate an understanding of the role of parastatal agencies and examine the relevance of people's participation in urban governance.
4. To provide knowledge about the local government fiscal regime and the significance of municipal finance.

5. To analyse India's housing policy and understand the distinctive features of housing and examine housing demand and requirements.
6. To provide the skills to critically examine the issues in the informal sector and urban poverty.
7. To provide a critical understanding of transportation, solid waste management, drainage system, water and sanitation networks present in urban India and inculcate sustainable frameworks in urban planning.

3. Pre-requisites

There are no pre-requisites for this course as it is introductory in nature.

4. Readings

There is no text book for this course. However, a set of readings have been identified under each module of the course. Students will be required to access these reading materials from the library repository and assemble a set of readings for their personal use.

5. Module-wise Topics

Module 1: Introduction to Urban Planning

Topic

1. **Introduction to Urbanisation**
2. **Planning History and Theories** — Overview of City Planning in Ancient Civilisations, Town Planning thought and Principles in Ancient India, Impact of Industrial Revolution on City Form and Introduction to a Few City Forms and Urban Structure
3. **City-Region Relationship and Emerging Issues:** Socio-Economic Impacts of Growth of Urban Areas, Push and Pull Factors, Rural-Urban Migration, Transportation and Urban Form and other Emerging Issues in Planning
4. **Planning Legislation** — T&CP Act, Environmental Protection Act, Building Bye Laws, Development Authority Act, Preparation and Implementation of Regional Plan, Development Plan/Master Plan, etc.
5. **Urban Development in India after Independence:** Five Year Plans, Schemes, Policies, Missions, etc.

Learning Objectives:

The module intends to demonstrate an understanding of urban planning and review its various aspects. It will also encourage students to apply theoretical frameworks to examine urban planning in the country. The module will also enable students to comprehend various Acts, legislations, schemes and policies pertinent to Urban Planning.

Suggested Readings:

1. Brunn, D. Stanley, Maureen Hays-Mitchell, Donald J. Zeigler, and Jessica K. Graybill, eds. 2012. *Cities of the World: World Regional Urban development*. 5th ed. London: Rowmann & Littlefield.
2. Gallion, Arthur B., and Eisner Simon. 2012. *Urban Pattern: City Planning and Design*. New Delhi: CBS Publishers.
3. Hall, Peter. 2014. *Cities of Tomorrow: An Intellectual History of Urban Planning and Design Since 1880*. 4th ed. Somerset, NJ: John Wiley & Sons.
4. Healey P. 1996. *Planning Theory*. London: Pergamon Press.
5. Kostof, Spiro, and Greg Castillo. 1999. *City Assembled: The Elements of Urban form through History*. London: Thames and Hudson.
6. Levy, John M. 2011. *Contemporary Urban Planning*. 9th ed. Boston, MA: Longman.
7. Rachel, Weber, and Randall Crane. 2015. *The Oxford Handbook of Urban Planning*. New York: Oxford University Press.
8. Urban and Regional Planning Since Independence: Retrospect and Prospect: Technical papers, National Town and Country Planners Congress, Mysore, Ministry of Urban Affairs and Employment.

Planning Legislation

- Town and Country Planning Act (any State Act)
- Model Municipal Act, Ministry of Urban Development, Government of India
- Nagar Raj Act (any State Act)
- Environment Protection Act (Central Act)
- Mining and Forestry Act (Central Act)
- Building Bye laws (any State Act)
- Apartment Ownership Act (any State Act)
- Development Authority Act (any State Act)
- Water Bodies Conservation Act (any State Act)

Module 2: Urban Governance

Topics:

1. **Introduction to Urban Governance** — Evolution of Local Self Government, Constitutional Provision for Urban Local Bodies (Salient Features of 73rd and 74th Constitutional Amendment Act, 1992), Powers and Functions of Municipal Governments
2. **Innovations & Reforms in Urban Governance** — Indicators of Good Governance, Citizens' Charter, Citizens' Participation in Urban Governance: Institutional and Legal Framework, e-municipal Governance, Urban Governance Reforms

Learning Objectives:

The main objective of this module is to acquaint students with the urban governance framework. It will also give insights into innovations and reforms in urban governance to make it more efficient and effective.

Suggested Readings:

1. Baud, I. S. A., and J. De Wit, eds. 2008. *New Forms of Urban Governance in India: Shifts, Models, Networks and Contestations*. New Delhi: Sage Publications.
2. Jayal, Niraja Gopal, Amit Prakash, and Pradeep K. Sharma. 2007. *Local Governance in India*. New York: Oxford University Press.
3. Mathur, O.P. 1999. *India: The Challenges of Urban Governance*. New Delhi: National Institute of Public Finance and Policy in collaboration with Centre for Urban and Community Studies, University of Toronto.
4. Rao, P.S.N. *Urban Governance and Management: Indian Initiative*. 2006. New Delhi: Indian Institute of Public Administration in association with Kanishka Publishers.
5. Sengupta, Chandan, and Stuart Corbridge. 2014. *Democracy, Development and Decentralisation – Continuing Debates*. 1st ed. New Delhi: Taylor & Francis.
6. Sivaramkrishnan, K.C. 2006. *People's Participation in Urban Governance*. New Delhi: CSS.

Module 3: Municipal Finance

Topics:

1. **Constitutional Provision for Local Finance:** Principle of Fiscal Federalism — Inter Governmental Fiscal Transfer; Constitution, Powers and Functions of Central Finance Commission (CFC) and State Finance Commission (SFC); Centrally Sponsored Schemes Related to Urban/Rural Physical Planning and Related Sectors; Introduction to Municipal Finance
2. **Local Government Fiscal Regime** —Fiscal Devolution *vis a vis* Fiscal Dependency of Local Bodies; Fiscal Indicators — Revenue Dependency Ratio (RDR), Fiscal Autonomy Ratio (FAR), Expenditure Decentralisation Ratio (EDR); An overview of Municipal Accounting and Auditing

Learning Objective:

The module intends to acquaint students with the fiscal and financial background of the local governments, and tools and techniques to strengthen them. It would also include constitutional provision for local finance, municipal finance, innovations in local resource mobilisation and local government fiscal regime.

Suggested Readings:

1. Farvacque-Vitkovic, Catherine, and Mihaly Kopanyi, eds. 2014. *Municipal Finances: A Handbook for Local Governments*. Washington DC: World Bank.
2. Mello, De, and Barenstein M. 2001. *Fiscal Decentralisation and Governance – A Cross Country Analysis*. IMF Working Paper (WP.01/171, 2001).

3. Mohanty, P. K., Mishra B. M., Rajan Goyal, and P. D. Jeromi. 2008. *Municipal Finance in India – An Assessment*. Reserve Bank of India, Development Research Group Study No. 26.
4. Mundle, Sudipto. 1997. *Public Finance: Policy Issues for India*. New York: Oxford University Press.
5. Oommen, M. A., ed. 2008. *Fiscal Decentralisation to Local Government in India*. London: Cambridge Scholars.
6. Rangarajan, C., and Srivastava D. K. 2011. *Federalism and Fiscal Transfers in India*. New Delhi: Oxford University Press.
7. Sridhar, Kala Seetharam, and O. P. Mathur. 2009. *Costs and Challenges of Local Urban Services: Evidence from Indian Cities*. New Delhi: Oxford University Press.
8. Vithal, B. P .R, and M. L. Sastry. 2001. *Fiscal Federalism in India*. New Delhi: Oxford University Press.

Module 4: Housing & Urban Poverty

Topics:

1. **Introduction to Housing** — Housing and Urbanisation; Significance of Housing in National Development Goals; Current Issues in Housing: Health and Safety Related Issues in Housing; Shift of Housing from Social Sector to Private Sector Participation
2. **Housing for the Poor** — Issues in Slums and Squatter Settlements; Government Initiatives for Providing Housing
3. **Housing Demand** — Housing Need Assessment, Estimating and Forecasting Housing Requirements (Qualitatively and Quantitatively); Understanding Current Methods of Housing Demand Assessment
4. **Affordable Housing** — Household Affordability, Concept of Affordable Housing, Affordable Housing in India, Affordable Housing Policy 2009, Affordable Housing in Public-Private Participation, Emerging thoughts
5. **Housing Policy** — Understanding Five Year Plans, National Housing Policy — Review, Policy Framework for Urban and Rural Housing, Comparative Policy Analysis
6. **Rental Housing in India: An Overview, Current Practices and Upcoming Initiatives**

Learning Objective:

The objective of this module is to provide students knowledge about the housing domain, especially housing scenario, housing needs, building legislation, etc. This module will also focus on urban poverty and the housing needs of the urban poor.

Suggested Readings:

1. Durand, Lasserre, and Royston L. 2002. *Holding Their Ground: Secure Land Tenure for the Urban Poor in Developing Countries*. London: Earthscan Publication.
2. Dwivedi, Rishi Muni. 2007. *Urban Development and Housing in India—1947 to 2007*. 1st ed. New Delhi: New Century Publications.

3. Gandotra, V., Shukul M., Jaju N., and Jaiswal N. 2009. *Housing: Changing Needs and New Directions*. New Delhi: Authorspress.
4. Housing Policies and Related Acts and Schemes of Government of India.
5. Jan Baken, Robert. 2003. *Plotting, Squatting, Public Purpose and Politics, Land Market Development, Low Income Housing and Public Intervention in India*. Aldershot: Ashgate.
6. Lund, Brain. 2017. *Understanding Housing Policy*. 3rd ed. Bristol: The Policy Press.
7. National Housing Policy, GOI, New Delhi.
8. Neuwirth, Robert. 2006. *Shadow Cities: A Billion Squatters, a New Urban World*. London & New York: Taylor & Francis.
9. Payne, Geoffrey, and Michael Majale. 2004. *The Urban Housing Manual: Making Regulatory Frameworks Work for the Poor*. London: Earthscan.
10. Pugh, Cedric. 1990. *Housing and Urbanisation—A study of India*. New Delhi: Sage Publications.
11. Reading Material on Housing compiled by K. Thomas Poulouse, ITPI, India.
12. Sarkar, P. K. 2000. *Housing Laws in India—Problems and Remedies*. Kolkata: Eastern Law House.

Module 5: Urban Infrastructure and Transportation Planning

Topics:

1. **Introduction** to Infrastructure Planning and Role of Concerned Parastatal Agencies in Urban Management
2. **Transport Planning and Management** — Understanding Sustainable Development and Sustainable Transport, Pedestrianisation and Non-motorised Transportation, Introduction to External Cost of Urban Transportation.
3. **Introduction to different Urban Infrastructure:** Water Supply Systems and Networks, Storm Water Drainage Networks, Sanitation and Sewer System, Solid Waste Management

Learning Objective:

The objective of the module is to acquaint students with the basic infrastructure and services present within the urban areas. It will also introduce students to the integration of transportation and land use planning; understanding of the key issues affecting the planning, management and financing of public transport.

Suggested Readings:

1. Black, R. William. 2010. *Sustainable Transportation: Problems and Solutions*. New York: The Guilford Press.
2. Cowie, Jonathan. 2009. *The Economics of Transport: A Theoretical and Applied Perspective*. 1st ed. New York: Routledge.

3. Garg, S. K. 1977. *Water Supply Engineering*. New Delhi: Khanna Publishers.
4. Hutchinson, B.G. 1974. *Principles of Urban Transport Systems Planning*. Columbus, OH: McGraw Hill.
5. Idris, Semiat. 2011. *Public Transportation Improvement*. Riga: Lambert Academic Publishing.
6. Jain, A. K. 2009. *Urban Transport: Planning and Management*. New Delhi: APH.
7. Manual on Sewerage and Sewage Treatment, CPHEEO.
8. Morgan, C. S. 2010. *Regulation and the Management of Public Utilities*. Detroit, MA: Gale, Making of Modern Law.
9. Omer, Amani. 2011. *Telecommunication Management Networks (TMN) Implementation: Design Tool for Monitoring the Traffic of ISP's by using MRTG Data*. Riga: Lambert Academic Publishers.
10. Sasikumar K., and Sanoop Gopi Krishana. 2013. *Solid Waste Management*. New Delhi: PHI Learning.
11. Urban Planning Manual, AILGS Reader.

6. Pedagogy

The teaching methodology will be primarily lecture oriented, but in participatory brainstorming mode. Proper emphasis shall be given to prior reading and learning activities. Tutorial sessions shall be used to assist students in their analysis about subject matter presented to them through classroom discussions and reading materials.

7. Evaluation Pattern

Evaluation will follow a continuous evaluation pattern on a multiple component basis. The evaluation shall be based on the idea that a student should be able to showcase either a persistent commitment or a steady growth.

8. Session wise course outline

Module 1: Introduction to Urban Planning				
Units	Topics	No. of Hrs	Teaching Pedagogy	Mode of Evaluation
1	Introduction to Urbanisation	2	Lecture	

2	Planning History and Theories — Overview of City Planning in Ancient Civilisations, Town Planning thought and principles in Ancient India, Impact of Industrial Revolution on City Form and Introduction to Few City Forms and Urban Structure	2	Lecture	Written Examination
3	City-Region Relationship and Emerging Issues: Socio-Economic Impacts of Growth of Urban Areas, Push and Pull Factors, Rural-Urban Migration, Transportation and Urban Form, other Emerging Issues in Planning	2	Lecture and Case Study	
4	Planning Legislation — T&CP Act, Environmental Protection Act, Building Bye Laws, Development Authority Act, Preparation & Implementation of Regional Plan, Development Plan/Master Plan, etc.	2	Lecture and Case Study	
5	Urban Development in India after Independence: Five Year Plans, Schemes, Policies, Missions, etc	2	Lecture and Seminar presentation by students	

Module 2: Urban Governance

Units	Topics	No of Hrs	Teaching Pedagogy	Mode of Evaluation
1	Introduction to Urban Governance Evolution of Local Self Government, Constitutional Provision for Urban Local Bodies (Salient Features of 73rd and 74th Constitutional Amendment Act, 1992), Powers and Functions of Municipal Governments	3	Lecture	Written Examination
2	Innovations & Reforms in Urban Governance Indicators of Good Governance, Citizens' Charter, Citizens' Participation in Urban Governance: Institutional and Legal Framework, e-municipal Governance, Urban Governance Reforms	2	Lecture	

Module 3: Municipal Finance

Units	Topics	No. of Hrs	Teaching Pedagogy	Mode of Evaluation
1	Constitutional Provision for Local Finance:	3	Lecture	

	Principle of Fiscal Federalism — Inter Governmental Fiscal Transfer; Constitution, Powers and Functions of Central Finance Commission (CFC) and State Finance Commission (SFC); Centrally Sponsored Schemes related to Urban/Rural Physical Planning and Related Sectors; Introduction to Municipal finance			Written Examination
2	Local Government Fiscal Regime — Fiscal Devolution <i>vis a vis</i> Fiscal Dependency of Local Bodies; An overview of Municipal Accounting and Auditing	3	Lecture	

Module 4: Housing & Urban Poverty

Units	Topics	No. of Hrs	Teaching Pedagogy	Mode of Evaluation
1	Introduction to Housing — Housing and Urbanisation; Significance of Housing in National Development Goals; Current Issues in Housing: Health and Safety Related Issues in Housing; Shift of Housing from Social Sector to Private Sector Participation	2	Lecture	Written Examination
2	Housing for the Poor — Issues in Slums and Squatter Settlements; Government Initiatives for Providing Housing	2	Lecture	
3	Housing Demand — Housing Need Assessment, Estimating and Forecasting Housing Requirements (Qualitatively and Quantitatively); Understanding Current Methods of Housing Demand Assessment	2	Lecture	
4	Affordable Housing — Household Affordability, Concept of Affordable Housing, Affordable Housing in India, Affordable Housing Policy 2009, Affordable Housing in Public-Private Participation, Emerging thoughts	2	Lecture	
5	Housing Policy — Understanding Five Year Plans, National Housing Policy — Review, Policy Framework for Urban and Rural Housing, Comparative Policy Analysis	2	Lecture and Seminar presentation by students	
6	Rental Housing in India: An Overview, Current Practices and Upcoming Initiatives	2	Lecture	

Module 5: Urban Infrastructure and Transportation Planning				
Units	Topics	No. of Hrs	Teaching Pedagogy	Mode of Evaluation
1	Introduction to Infrastructure Planning and role of concerned parastatal agencies in Urban Management	4	Lecture	Written Examination
2	Transport Planning and Management — Understanding Sustainable Development and Sustainable Transport, Pedestrianisation and Non-motorised Transportation, Introduction to External Cost of Urban Transportation	4	Lecture and Case Study	
3	Introduction to different Urban Infrastructure: Water Supply Systems and networks, Storm Water Drainage Networks, Sanitation and Sewer System, Solid Waste Management	4		