

Course title: City and Regional Planning and Management				
Course code: MEU 152		No. of credits: 3	L-T-P: 36-6-6	Learning hours: 45
Pre-requisite course code and title (if any): none				
Department: Sustainable Engineering				
Course coordinator: Dr Bhawna Bali			Course instructor: Dr Bhawna Bali	
Contact details: bhawna.bali@terisas.ac.in				
Course type: Core			Course offered in: Semester 2	
Course description:				
<p>In a rapidly urbanising world, haphazard and uncontrolled growth of cities, inadequate and inefficient transport systems, lack of basic services and the expansion of informal sector are some of the major challenges. Planning and management of urban areas is of critical importance to mitigate some of the effects of indiscriminate urban expansion and provide a base for sustainable and inclusive development for future. The course on City and Regional Planning and Management is a core course designed to provide an understanding of urban planning processes and management at varied spatial scales of city and its region.</p> <p>The course is structured into five modules covering historical aspects of urban planning, the institutional mechanism and policy framework for planning at the city and regional level, urban planning practices, special areas, and issues of urban planning. The focus of the course is on complementing learning of core courses of the first semester, particularly Urban Governance and Urban Development Policies and Programmes which have synergy urban planning.</p>				
Course objectives:				
<ul style="list-style-type: none"> • To provide an integrated perspective of key concepts in urban planning processes, practices, and institutional mechanisms in India. • To develop understanding and appreciation about emerging issues in urban planning and management in India. • To enable students to identify and work on case studies in urban planning practices in India for building solutions-oriented approach towards issues and challenges. 				
Course contents				
Module	Topic	L	T	P
1	Conceptual Background to City and Regional Planning Process <ul style="list-style-type: none"> • Evolution of urban planning – ancient, medieval, and modern • Approaches to urban planning • Key concepts - spatial planning, participatory planning, inclusive planning, systems approach • Issues and challenges in urban planning and management 	8		
2	Planning Institutions, Regulations and Policies <ul style="list-style-type: none"> • Institutional structures for urban planning (Town and Country Planning Organisation, Department of Town and Country Planning (State level), Development Authorities, Improvement Trust Boards, Urban Local Bodies) • Urban planning legislations and guidelines: <ul style="list-style-type: none"> ○ Constitutional provisions related to urban planning (DPC, MPC) ○ Legislations relating to urban and regional planning: DDA, MMRDA ○ Development controls regulations ○ Urban and Regional Development Plans Formulation 	8	3	

	and Implementation (URDPFI) Guidelines			
3	City and Regional Planning Practice <ul style="list-style-type: none"> Types of plans: regional development plans, master plans, local area plans, special purpose plans Master Plans as an approach to city planning (focus on sectors such as housing, infrastructure, transport, and environment) Multi-level regional planning process 	8		6
4	Planning for Special Urban Areas <ul style="list-style-type: none"> Heritage and religious towns Cantonment Towns Hill towns Special Economic Zone 	6	3	
5	Inclusive Urban Planning <ul style="list-style-type: none"> Inclusive planning for poor (slum resettlement, in-situ slum up-gradation, slum rehabilitation) Planning for social infrastructure - cities for all (disabled, elderly, gender) 	6		
	Total	36	6	6

Evaluation criteria:

The evaluation is based on application of learning from across the Modules comprising three distinct components, viz. presentation, written assignment, and end-semester examination. The details are mentioned below:

Minor tests 1 and 2 are based on group assignment: Analysis of the sectoral provisions (Module 3) or special areas (Module 4) or inclusive planning (Module 5) in Master Plan of select city as a case study. Students are free to select a Master Plan for any city of their choice.

Minor test 1: 20 % - Power Point Presentation of selected Master Plan covering general background of the theme and Master Plan provisions, urban planning legislation and institutional framework for urban planning of the relevant State. (Evaluation linked to Modules 3, 4 and 5)

Minor test 2: 30 % - Written assignment in about 4000 words covering all aspects of PPT, detailed analysis on the selected theme of the Master Plan, and analysis on any plan proposals and/or on-going projects relevant to the theme. The assignment must be based on extensive review of literature, analysis of data from both secondary and primary sources. The assignment will have introduction, review of literature, research methodology, description of urban planning legislations, institutional framework for urban and regional planning, findings drawn from analysis of selected theme (sectoral provisions/special areas provisions/inclusive planning provisions) and references (Evaluation linked to Modules 3, 4 and 5)

Major test: 50% - Written examination

This will be the end-semester examination. (Evaluation linked to Modules 3, 4 and 5)

Learning outcomes:

On successful completion of this course the students will be able to:

1. Develop and demonstrate understanding on various aspects (historical process, practices, and existing frameworks (institutional and legal purview) of urban planning in India (All

evaluation criterion)

2. Gain competence in assessing various issues and challenges associated with urban planning, and propose relevant solutions to addressing them (Evaluation criterion 1 and 2)
3. Become proficient in using Master Plans, secondary and primary data for urban planning and management (All evaluation criterion)

Pedagogical approach:

The course is delivered through a mix of lectures and discussions. A significant component of learning is derived from practical sessions including tutorials and field work for data collection. This entails active student participation, thereby enhancing their competencies. A tutorial session will be organised at the beginning of the semester for identifying, discussing, and finalising the case study. This will be followed by tutorial sessions on basic components of a Master Plan, data collection (secondary and primary data sources) and discussion on progress of work.

Readings:

For Module 1:

- Clark, P. ed. 2013. The Oxford Handbook of Cities in World History, Oxford University Press, Oxford: Part I: Early Cities: Chapter 5. South Asia and Part III: Modern and Contemporary Cities: Chapter 30 South Asia; Chapter 40. Colonial Cities
- LeGates, R.T. and Stout, F. Ed. 2011. The City Reader, Fifth Edition, Routledge, Oxon.
- Part 5: Urban Planning History and Visions: Olmstead, F.L. Public Parks and the Enlargement of Towns, pp. 321-327; Howard, E. The Town-Country Magnet, pp. 328-335; Corbusier, Le. A Contemporary City, pp. 336-344; Wright, F.L. A New Community Plan, 345-350; Taylor, N. Anglo-American Town Planning Theory since 1945: Three Significant Developments but No Paradigm Shift, pp. 386-398.
- Ramachandran, R. 1989. Urbanization and Urban Systems in India, Oxford University Press, New Delhi. City and Region, pp. 264-292.
- Shekhar, S. ed. 2004. Regional Planning in India. Anmol Publications Pvt. Ltd., New Delhi. Concept of region and regional planning, pp. 1-19.
- Nath, V. 2009. Regional Development and Planning in India, Concept Publishing Company, New Delhi. Regions for planning, pp. 1-25.
- Watson, V. 2009. 'The Planned City Sweeps the Poor Away...' Urban Planning and 21st Century Urbanisation. Progress in Planning, Vol. 72, pp. 151-193

For Modules 2 & 3:

- Planning Commission, Government of India. 1996. Report of the Technical Group on Urban Planning Systems.
- Sivaramakrishnan, K.C. 2007. Municipal and Metropolitan Governance: Are They Relevant to the Urban Poor? In A.A. Laquian, V. Tewari and L.M. Hanley Ed. *The Inclusive City: Infrastructure and Public Services for the Urban Poor in Asia*, The John Hopkins University Press, Baltimore, pp. 278-302.
- Bansal, S.P. and Singh, M. 2012. Planning Process and Strategies: Case of Delhi, pp. 32-40.
- Chatterjee, S. 2008. Naya Raipur, Chattisgarh: A Sustainable Urban Design Perspective, Context: Built, Living and Natural, Vol. V, Issue 2, pp. 63-72.
- TCPO. 2016. Model Building Byelaws, Chapter 3: Development Codes, pp.29-49.
- <http://dda.org.in/ddanew/planning.aspx>
- http://ncrpb.nic.in/pre_regionalplan2021.php
- <http://delhigovt.nic.in/newdelhi/bhagi.asp>
- <http://www.nayaraipur.gov.in/>
- <http://www.nayaraipur.gov.in/Upload/MenuData/4.pdf>
- <http://www.nayaraipur.gov.in/Upload/MenuData/1.pdf>
- <http://mohua.gov.in/upload/uploadfiles/files/URDPFI%20Guidelines%20Vol%20I.pdf>

- [http://mohua.gov.in/upload/uploadfiles/files/URDPFI%20Guidelines%20IIA-IIB\(1\).pdf](http://mohua.gov.in/upload/uploadfiles/files/URDPFI%20Guidelines%20IIA-IIB(1).pdf)

For Modules 4 & 5:

- TCPO. 2016. Model Building Byelaws, Chapter 8: Provisions for Differently Abled, Elderly and Children, pp.105-110; Chapter 12: Conservation of Heritage Sites Including Heritage Buildings, Heritage Precincts and Natural Feature Areas, pp. 143-150.
- TCPO. 2011. Model Heritage Regulations, pp. 1-24.
- Tewari, V., Raghupathi, U. and Ansari, J.H. 2007. Improving Housing and Basic Services for the Urban Poor in India, In A.A. Laquian, V. Tewari and L.M. Hanley Ed. *The Inclusive City: Infrastructure and Public Services for the Urban Poor in Asia*, The John Hopkins University Press, Baltimore, pp. 41-75.
- Design and Planning for Sustainable Habitat, Background Papers: Negi, M. 2011. Meeting the Challenge of Social Sustainability of Housing Development for Urban Poor, pp. IC-4.11-4.26; Khosla, R. 2011. Inclusive Neighbourhoods Make Inclusive Cities: Focus on Design and Planning of Slums in Agra, pp. IC-4.27-4.33.

Additional Materials:

- Bhargava, Gopal. 2001. *Development of India's Urban, Rural and Regional Planning in 21st Century*. New Delhi: Gyan Publishing House.
- Birch, Eugenie L. Birch (ed.). 2009. *The Urban and Regional Planning Reader*. London & New York: Routledge.
- Curtis, Carey et al. 2009. *Transit Oriented Development: Making It Happen*. Surrey: Ashgate Publishing Ltd.
- Dickinson, R.E. *City, Region and Regionalism*. London: Routledge and Kegan Paul.
- Dimitriou, Harry T. 2013. *Transport Planning for the Third World Cities*. Routledge.
- Hall, Peter. 1988. *Cities of Tomorrow: An Intellectual History of Urban Planning and Design in the Twentieth Century*. Blackwell.
- McLoughlin, J. Brian. 1969. *Urban and Regional Planning: A Systems Approach*. New York: Praeger Publishers.
- Mishra, R.P. 1992. *Regional Planning: Concepts, Techniques, Policies and Case Studies*. Second revised edition. New Delhi: Concept Publishing.
- Robin King, Sujaya Rathi, and H. S Sudhira. 2011. An approach to Regional Planning in India. *The 4th Annual International Conference on Next Generation Infrastructures, Virginia Beach, Virginia, November 16-18, 2011*.
- Sankhe, Shirish et al. 2010. *India's Urban Awakening: Building Inclusive Cities, Sustaining Economic Growth*. McKinsey Global Institute.
- Sundaram, K.V. 1977 *Urban and Regional Planning in India*. New Delhi: Vikas Publishing House.
- TERI. 2011. *Mainstreaming Urban Resilience Planning in Indian Cities – A Policy Perspective*. Available at: http://www.acccrn.org/sites/default/files/documents/Final_Mainstreaming%20Urban%20Resilience%20Planning%20copy.pdf
- TERI. 2012. *Mainstreaming Climate Resilience in Urban Areas-A Case of Gorakhpur City*. Available at: http://www.acccrn.org/sites/default/files/documents/Gorakhpur%20report_Synthesis.pdf
- TERI. 2013. *Climate Proofing Guwahati, Assam*. Available at: http://www.acccrn.org/sites/default/files/documents/TERI_Guwahati%20Synthesis%20Report.pdf

Please note: For data related to population of India, refer to the Census of India data sets available at <http://censusindia.gov.in/>

Additional information (if any): NA

Student responsibilities:

Attendance, feedback, discipline: as per TERI SAS rules.

Course Outline prepared by Dr Bhawna Bali

Course Reviewers

1. Prof. Sudesh Nangia, Associate National Coordinator, UGC - Faculty Recharge Programme, JNU, New Delhi.
2. Dr Alka Bharat, Professor and Dean (FW), Department of Architecture and Planning, Maulana Azad National Institute of Technology, Bhopal.
3. Dr Divya Sharma, Fellow, Sustainable Habitat Division, The Energy and Resources Institute, New Delhi.