

<b>Course title:</b> Theories of Urbanisation				
<b>Course code:</b> MEU 161	<b>No. of credits:</b> 3	<b>L-T-P:</b> 32-8-10	<b>Learning hours:</b> 45	
<b>Pre-requisite course code and title (if any):</b> none				
<b>Department:</b> Sustainable Engineering				
<b>Course coordinator:</b> Dr Bhawna Bali		<b>Course instructor:</b> Dr Bhawna Bali		
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<b>Course type:</b> Compulsory		<b>Course offered in:</b> Semester 1		
<b>Course description:</b> Urbanisation is the most pervasive spatial and social transformation post-industrialisation. With over half the world's population residing in settlements which are classified as urban and the numbers expected to grow, it is important to focus attention on the processes of urbanisation, the nature of urban settlements and the outcomes of urbanisation. The course is designed to provide an understanding of the historical, economic, social, and spatial phenomena that represent the foundation of urban development and change. It covers various theories which explain the urbanisation process, formation of cities, city systems, city structures and relationships among the various entities within them. The course is structured under four modules. Module 1 sets an Overview of Urbanisation Process. Module 2 covers the Concepts of Urban Economics. Module 3 focuses on the Spatial Organisation of Cities. Module 4 is devoted Urban Sociological Theories.				
<b>Course objectives:</b>				
<ul style="list-style-type: none"> <li>• To develop an understanding about the concepts and processes associated with urbanisation</li> <li>• To create comprehension about the functional (land uses) and social (socio-cultural groups and areas) organisation of space in the city, and hierarchical arrangements of urban settlements</li> </ul>				
<b>Course contents</b>				
<b>Module</b>	<b>Topic</b>	<b>L</b>	<b>T</b>	<b>P</b>
1	<b>Module 1: Concept of Urban Settlements and Urbanisation Process</b> a) Typology of urban settlements – statutory, non-statutory, metropolitan city, mega city, urban agglomerations b) Process of urbanisation – the role of migration, industrialisation, globalisation c) City core, peri-urban areas and rural-urban interactions d) Issues associated with urbanisation – development, livelihoods, informal settlements	10	2	4
2	<b>Module 2: Concepts of Urban Economics - How do Cities Grow?</b> a) Agglomeration economies and scale economies b) Land use patterns, land rent	6		
3	<b>Module 3: Spatial Organisation of Cities – How do Cities Differ in Size?</b> a) Primate City b) Rank Size Distribution c) Central Place Theory	8	2	

<b>4</b>	<b>Module 4: Urban Sociological Theories</b> a) Demographic transition theory b) Internal structure of cities: Concentric Zone Theory, Sector Theory, Multiple Nuclei Theory c) Indian city model – neighbourhoods ( <i>mohallas</i> ), markets ( <i>bazaar</i> ), residential typologies	8	4	6
	<b>Total</b>	<b>32</b>	<b>8</b>	<b>10</b>
<p><b>Evaluation criteria:</b></p> <p>The evaluation is based on two distinct components, <i>viz.</i> field work-based assignments and an end-Semester written examination as per the following details:</p> <p><b>Type and Weightage (%)</b></p> <p>Minor Test 1: 20% - Oral presentation  Minor Test 2: 30% - Written assignment (15%) and Photo story based on transect mapping (15%)</p> <p>Minors 1 and 2 are field-work assignments on a chosen thematic covering the processes and outcomes of urbanisation in a selected study site of a city to be taken as a case study. A tutorial session will be organised at the beginning of the semester for discussing and finalising the case study. This will be followed by tutorial sessions for discussion on the assignment and progress of work. The assignments will be based on a review of literature, data collected from secondary sources, and documenting the existing situation analysis based on field work and presented in a structured manner. Photo story will be based on documenting and creating a narrative on the chosen thematic using photographs of transect taken during fieldwork presented as a poster and a short story. (Evaluation linked to Modules 1, 2 and 4)</p> <p>Major Test: 50% - Written Examination  This will be the end-semester examination. (Evaluation linked to all Modules)</p>				
<p><b>Learning outcomes:</b></p> <p>On successful completion of this course the students will be able to:</p> <ol style="list-style-type: none"> <li>1. Develop insights on urbanisation from inter-disciplinary perspectives and demonstrate understanding of the diverse types of urban settlements, processes of urbanisation and its outcomes (All evaluation criterion)</li> <li>2. Assess the transformation of urban spaces due to social and economic activities within urban settlements with the help of field work (Evaluation criterion 1 and 2)</li> <li>3. Gain competence in contextualising urbanisation in India for enhanced understanding of learnings from other courses of the programme (Evaluation criteria 3)</li> </ol>				
<p><b>Pedagogical approach:</b></p> <p>The course will be delivered through classroom lectures, case studies discussion and field work-based assignments. A significant component of learning is derived from practical sessions including tutorials for developing greater comprehension about the theme chosen for assignment and field work conducted in a chosen urban space/area/neighbourhood. A tutorial session will be organised at the beginning of the semester for discussing and finalising the theme of assignment and its case study area. This will be followed by tutorial sessions for discussion on the assignment to enable students to develop greater comprehension about the</p>				

selected theme of their assignment and at the same time also help monitor and direct the progress of work. These discussions would facilitate and enhance peer-learning.

## **Materials:**

### **Books**

1. Beall, Jo and Fox, Sean (2009): *Cities and Development*, Routledge Perspectives on Development, Routledge, London
2. Birch, Eugenie L. and Wachter, Susan M. (2011): *Global Urbanization: The City in the Twenty-First Century*, University of Pennsylvania Press
3. Carter, Harold (2010): *The Study of Urban Geography*, Rawat Publications, Jaipur, 4<sup>th</sup> Edition.
4. Chatterji, Tathagata (2017): *Globalisation and Peri-Urban Transformation: A Comparative Analysis of the Governance Characteristics of the Three Indian Cities*, Copal Publishing Group, Ghaziabad.
5. Dikshit, Jutta K. Ed. (2011): *The Urban Fringe of Indian Cities*, Rawat Publications, Jaipur.
6. Hoover, Edgar M. and Giarratani, Frank (1999): *An Introduction to Regional Economics*, Regional research Institute, West Virginia University, Available at: <http://www.rri.wvu.edu/webbook/giarratani/main.htm>
7. Lin, Jan and Mele, Christopher Eds. (2013): *The Urban Sociology Reader*, Second Edition, Routledge, Oxon, USA, pp. 83-90, 91-99,
8. Morris, R.N. (2007): *Urban Sociology*, George Allen and Unwin Ltd., London
9. O'Sullivan, Arthur (2012): *Urban Economics*, Eighth Edition, McGraw Hill
10. Paul, Knox and McCarthy, Linda M. (2012): *Urbanization: An Introduction to Urban Geography*, Third Edition, Prentice Hall
11. Ramachandran, R. (1989): *Urbanization and Urban Systems in India*, Oxford University Press, New Delhi
12. Rockefeller Foundation (2008): *Century of the City*, The Rockefeller Foundation, New York, Available at: <https://www.rockefellerfoundation.org/report/century-of-the-city/>
13. United Nations Department of Economic and Social Affairs (2011): *Population Distribution, Urbanization, Internal Migration and Development: An International Perspective*, UNDESA, Available at: [http://wedocs.unep.org/bitstream/handle/20.500.11822/18920/Population\\_Distribution\\_Urbanization.pdf?sequence=1&isAllowed=y](http://wedocs.unep.org/bitstream/handle/20.500.11822/18920/Population_Distribution_Urbanization.pdf?sequence=1&isAllowed=y)

### **Research Papers**

1. Agarwal, Siddharth (2016): *Urban Migration and Social Exclusion: Study from Indore Slums and Informal Settlements*, IIED Working Paper, IIED, London.
2. Aijaz, Rumi (December 2017): "Measuring Urbanisation in India", *ORF Issue Brief*, Issue No. 218
3. Aijaz, Rumi (March 2019): "India's Peri-Urban Regions: The Need for Policy and the Challenges of Governance", *ORF Issue Brief*, Issue No. 285
4. Alexander, John W. (July 1954): "The Basic-Non Basic Concept of Urban Economic Functions", *Economic Geography*, Vol. 30, No. 3 pp. 246-261
5. Chandrasekhar, S. and Sharma, Ajay (May 2014): "Urbanization and Spatial Patterns of Internal Migration in India", Indira Gandhi Institute of Development Research,

Mumbai, WP-2014-016, Available at: <http://www.igidr.ac.in/pdf/publication/WP-2014-016.pdf>

6. Davis, Kingsley (March 1955): "The Origin and Growth of Urbanization in the World", *American Journal of Sociology*, Vol. 60, No. 5, World Urbanism, pp. 429-437
7. Denis, Eric, Mukhopadhyay, Partha, Zérah, Marie-Hélène (2012): "Subaltern Urbanisation in India", *Economic & Political Weekly*, Vol. XLVII, No. 30, pp. 52-62
8. Ellison, Glenn, Glaeser, Edward L. & Kerr, William R. (June 2010): "What Causes Industry Agglomeration? Evidence from Coagglomeration Patterns", *American Economic Review*, Vol. 100, pp. 1195-1213
9. Glaeser, Edward L. (2007): "The Economics Approach to Cities", National Bureau of Economic Research, Working Paper 13696, Cambridge, Massachusetts, Available at: <https://www.nber.org/papers/w13696.pdf>
10. Glaeser, Edward L. (2010): "Introduction" In Edward L. Glaeser Ed. *Agglomeration Economics*, University of Chicago Press, Chicago, pp. 1-14, Available at: <https://www.nber.org/chapters/c7977.pdf>
11. Harris, Chauncy D. and Ullman, Edward L. (November 1945): "The Nature of Cities", *The Annals of the American Academy of Political and Social Science*, Vol. 242, Building the Future City, pp. 7-17
12. Jefferson, Mark (April 1939): "The Law of the Primate City", *Geographical Review*, Vol. 29, No. 2, pp. 226-232
13. Kirk, Dudley (1996): "Demographic Transition Theory", *Population Studies*, Vol.50, pp. 361-387
14. Kundu, Amitabh (2011): "Trends and Processes of Urbanisation in India", *Urbanization and Emerging Population Issues – 6*, Human Settlements Group, IIED Population and Development Branch, UNFPA
15. Kundu, Amitabh (2007): "Migration and Urbanisation in India in the Context of Poverty Alleviation", Paper presented at *International Conference and Workshop on Policy Perspectives on Growth, Economic Structures and Poverty Reduction*, Beijing, China, 7- 9 June. Available at: [https://www.networkideas.org/ideasact/jun07/Beijing\\_Conference\\_07/Amitabh\\_Kundu.pdf](https://www.networkideas.org/ideasact/jun07/Beijing_Conference_07/Amitabh_Kundu.pdf)
16. Lee, Everett S. (1966): "A Theory of Migration", *Demography*, Vol. 3, No. 1. pp. 47-57
17. Noble, Allen G. (Winter 1998): "Using Descriptive Models to Understand South Asian Cities", *Education About Asia*, Vol. 3, No. 3, pp. 24-29
18. Ravenstein, E.G. (June 1885): "The Laws of Migration", *Journal of the Statistical Society of London*, Vol. 48, No. 2, pp. 167-235
19. Redfield, Robert & Singer, Milton B. (October 1954): "The Cultural Role of Cities", *Economic Development and Cultural Change*, Vol. 3, No. 1, pp. 53-73
20. Robinson, J. (2002): "Global and World Cities: A View from Off the Map", *International Journal of Urban and Regional Research*, Vol. 26, No. 3, pp. 531-554
21. Samanta, Gopa (May 2014): "The Politics of Classification and the Complexity of Governance in Census Towns", *Economic and Political Weekly*, Vol. LXIX, No. 22, pp. 55-62
22. Smailes, Arthur E. (1969): "The Indian City: A Descriptive Model", *Geographische Zeitschrift*, 57. Jahrg., H. 3, pp. 177-190, Available at: <http://www.jstor.org/stable/27816984>

23. Tacoli, Cecilia, McGranahan, Gordon & Satterthwaite, David (March 2015): Urbanisation, Rural-Urban Migration and Urban Poverty, *IIED Working Paper*, IIED, London, pp. 1-33
24. Wirth, Louis (1938): "Urbanism as a Way of Life", *American Journal of Sociology*, Vol. 44, No. 1, pp. 1-24

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 Outline reviewed by:

1. Dr Vinod Tewari, Formerly Director National Institute of Urban Affairs, New Delhi and Professor/Dean Indian Institute of Management Bangalore.
2. Dr Sudesh Nangia, Retired Professor, CSRD and National Coordinator, UGC - Faculty Recharge Programme, JNU, New Delhi.