

MSP-E3.2

45 Hours

URBANIZATION, SPACE AND PLANNING

I. Urbanization and Space

Urbanization and space: concepts and forms (formal and informal spaces); Differences between space, place and region; urbanization and space interaction: gravity model, distance decay model, forces of concentration and dispersion, urban agglomeration and spatial economy; Access to urban and right to the city

II. Evolution of Spaces of Settlements

Settlement: evolution, characteristics and factors; settlement pattern and hierarchy; Urban morphology; Change in urban land use and population density; Rural-urban relationship: dichotomy or continuum; Role of urban centres in rural development.

III. Urban and Regional Planning

Planning: Definitions, concepts, purpose, types and levels; geography/demography and planning relationship.

Regional development/planning: Region: concept and definition, types (formal, functional and planning); Need for regional planning; Types of regional planning; Spatial structure of regions,

Theories of regional development: Stages of development, economic base theory, Industrial location theory, Growth Pole theory; Core-periphery interactions.

Regional planning in India; Planning regions in India; Regional disparity in development; Special area development planning (hilly area development planning, (North-Eastern regional council, Mumbai Metropolitan Regional Development Plan).

Urban Planning: Concepts; history and origins of urban planning; pioneers

of urban planning; types of urban plans: New towns, neighborhood, garden city, green belts; healthy urban planning, WHO concept of healthy city, livable city, sustainable city.

Urban policy since independence, five year plans, important urban plans (New Delhi, Navi Mumbai, Chandigarh); Smart Cities Mission; HRIDAY, AMRUT, PURA, RURBAN mission

IV. Challenges in Urban planning

Recent urban policies and programmes; Urban redevelopment; Urban poverty, urban housing and real estate, Slums and slum rehabilitation, The case of SRA in Mumbai; Urban pollution, Solid waste management; Management of migrants

V. GIS and Urban and Regional Planning

Application of GIS in urban and regional planning.

Reading List

Essential Readings :

1. Friedman, John and William Alonso (1964) *Regional Development and Planning: A Reader*, The MIT Press, Massachusetts.
2. Friedman, John (1966) *Regional Development Policy: A Case Study of Venezuela*, MIT Press, Massachusetts.
3. Chaudhuri, J. R. (2001) *An Introduction to Development and Regional Planning*, Orient Longman, Hyderabad.
4. Chand, M and V.K. Puri, (1983), *Regional Planning in India*, New Delhi, Allied.
5. Friedman, J and W. Alonso, (eds: 1969), *Regional Development and Planning: A Reader*, Cambridge, MIT Press.
6. Lefebvre, H (1991) *The Production of Space*, Blackwell, Oxford.
7. Hall, P, (1992), *Urban and Regional Planning*, Third Editions, London, Routledge.
8. Harvey, D. (2008) 'The Right to the City', *New Left Review* 53 (September-October): 23-40.
9. Harvey, D. (2012) *Rebel Cities: From the Right to the City to the Urban Revolution*, Verso, London.
10. Husain, M, (1994), *Human Geography*, Jaipur, Rawat.
11. Leong, Goh C. and G.C. Morgan, (1982), *Human and Economic Geography*, Singapore, Oxford University Press.

12. Singh, R. Y. (1994), Geography of settlements, Rawat, Jaipur.
13. Ginsburg, N., Bruce Koppel and T.G. Mc Gee (1991) *The Extended Metropolis: Settlement Transition in Asia*, University of Hawaii Press, Honolulu.
14. Nath, V. (1971) Regional Development Policies “, Economic and Political Weekly, 6(30-32): 1601-1608.
15. Lo, C.P. and Yeung, A. K. W. (2002): Concepts and Techniques of Geographic Information Systems. Prentice Hall of India, New Delhi.
16. Nyerges, Timothy L. and , Jankowski Piotr (2010): Regional And Urban Gis: A Decision Support Approach, Rawat Publication, Jaipur. ISBN: 9788131603697, 8131603695

Suggested Readings :

1. Friedman, J and Clyde Weaver, (1979), *Territory and Function: The evolution of regional planning*, London, Edward Arnold.
2. Kawashima, T and P. Korcelli, (1982), *Human Settlement Systems: Spatial Patterns and Trend*, Luxemburg, IIASA.
3. Knowles, R and J. Warling, (1983), *Economic and Social geography: Made Simple*, London, Heinemann.
4. Misra, R.P, (1992), *Regional planning: Concepts, Techniques, Policies and Case studies*, New Delhi, Concept.
5. Sarin, M, (1982), *Urban Planning in the Third World: The Chandigarh Experience*, London, Manshell.
6. MMRDA(2016), Mumbai Metroplotan Regional Development Plan 2016-2036 MMRDA, Mumbai.
7. UNEP and others (2007), *Livable Cities: The benefits of environmental planning*, The Cities Alliance, Washington. <http://www.citiesalliance.org/index.html>.