

L	T	P	C
1	-	3	3

Course Code	2AR754
Course Title	Introduction to Urban Planning

Course Learning Outcomes (CLO):

At the end of the course students will be able to –

- Understand the concept of urban planning.
- Gain knowledge of evolution of Human Settlements in history
- Apply the principles of physical planning in preparing settlement plan and Pattern of Urbanization

Syllabus:

Total Teaching hours: 64Hrs

Unit No.	Syllabus: Topic	Sub Topic	Teaching hours:
1	Introduction to Urban planning	<ul style="list-style-type: none"> • Basic concepts of landuse planning – purpose, need and requirement; goals, objectives and principles • Determinants of landuse and planning process. • Population studies and forecasting. • Benefits of planning; Arguments for and against planning 	8 hours
2	Theories of Urban planning	<ul style="list-style-type: none"> • Different theories and debates of landuse planning – Concentric Zone Theory, Isolate Estate Model, Sector Theory, Multiple Nuclei Theory etc.; • Landuse allocation models – William Alonso: Bid Rent Theory, etc. • Debates on landuse planning: transit oriented development, land use intensity and the size of the city, sprawl and compact urban form etc. 	12 hours
3	Contemporary issues of Urban Planning	<ul style="list-style-type: none"> • Sustainability and rationality in planning • Components of sustainable urban and regional development • Landuse planning practices – Indian and global perspective. 	16 hours
4	Legislations	<ul style="list-style-type: none"> • Land as a resource: Its character, potential Land value; drivers of demand 	16 hours

	and Regulations	<p>for land on land market</p> <ul style="list-style-type: none"> • Statues and laws governing land administration and management. • Urban landuse classifications • Different policies related to landuse and zoning, land suitability analysis etc. 	
5	Governance of Planning	<ul style="list-style-type: none"> • Local government in India • District Planning Committees and Metropolitan Planning Committees; • ULC, Area/Urban Development Authorities 	12 hours

Suggested Readings:

- Alexander, Christopher, A pattern language. New York: Oxford University Press, 1977
- Edward. D. Mills , “Planning: The Architects’ Hand Book ,Butterworth, London, 1985
- Krier, Rob, "Urban Space", Academy Editions, London,1967
- Chapin, F.S.; and Kaiser, E.J., (1979), “Urban Landuse Planning”, University of Illinois, Urbana
- L.R. Kadiyali, (2014). “Traffic Engineering and Transport Planning”, Khanna Publications, New Delhi
- P R. Berke and D R Godschalk, (2006). “Urban Landuse Planning”, University of Illinois Press
- B.G. Hutchinson, (2011). “Principles of Urban Transport Systems Planning”, McGraw Hill
- Dimitriou, T.H., (1990), (ed), “Transportation Planning for Third World Countries”, Routledge, London
- Faludi, A., (1973), “Planning Theory”, Pergamon Press, Oxford
- Faludi, A., “Three Paradigms of Planning Theory”, pp. 81-101, in Healay, P.;
- Jain A K, (2010). “Urban Transport: Planning and Management”, APH Publishing
- Kurt, Leibrant., (1970), “Transportation and Town Planning”
- C. S Papacostas, and P. D Prevedouros, “Transportation Engineering and Planning”, PHI Learning
- D. Mohan, (2013). “Safety, Sustainability and Future Urban Transport”, Eicher Goodearth Limited, New Delhi
- Field B.G., and MacGregor, B.D., (1987), “Forecasting Techniques for Urban and Regional Planning”, Hutchinson, London
- McDougall, G., and Thomas, M.J., (eds), (1982), “Planning Theory : Prospects for the 1980’s”, Pergamon Press, London