

## **SEMESTER – VIII**

### **THEORY SUBJECTS**

Sl. No.	Sub. Code	Theory	Contact Hours			Credit
			L	T	P/S	
1.	22AR813	Urban Planning	3	0	0	3

**Course Objective** The course aims to impart a comprehensive knowledge of urban planning.

**Anticipated Learning Outcomes:** The students are exposed to Planning concepts, settlement planning, different levels of urban planning, familiarize with the implementation processes through various statutory and non-statutory guidelines.

**Module 1** General decisive factors for any settlement; Early Indian town planning and Industrial era and its impact on human settlement system.

Definition of a town. Planning philosophies of pioneers such as Geddes, Howard, Aber Crombie, Le Corbusier, and other eminent planners. Planning concept related to Garden city, Satellite town, Radburn development and neighbourhood planning.

**Module 2** Level of planning and steps for preparation of a town plan, Concepts, function, components and preparation of a development plan, master plan, structure plan and perspective plan.

**Module 3** Introduction to analytical technique in town planning; land subdivision regulation and zoning.

**Module 4** New approaches and concepts in town planning: smart city, ecological city, healthy city, resilient city, liveable city, etc.

**Module 5** Any other topics deemed relevant by the teacher.

**Note: Most Architectural subjects do not have Textbooks. The Reference books mentioned below are for reference only and University question paper should be prepared from the Syllabus descriptions.**

**References**

1. *Urban pattern-Gallion*
2. *Town planning –G. K. Hiraskar*
3. *City planning – Bandyopadhyay.*
4. *Ekistics: An introduction to the science of human settlements / Doxiadis. C.A/720 Doxie*
5. *Town and country planning in India Town planning in ancient India/ DUTT, Binode Behari / 711.40934 DUTT*
6. *Joseph De Chiarra and Lee Copleman, "Planning Design Criteria", Van Nostrand Reinhold Co., New York, 1968*
7. *Town Planning, A. Bandyopadhyay, Books and Allied, Calcutta 2000.*
8. *Babur Mumtaz and Patweikly, Urban Housing Strategies, Pitman Publishing, London, 1976.*
9. *Geofrey K. Payne, Low Income Housing in the Development World, John Wiley and Sons, Chichester, 1984.*
10. *John F. C. Turner, Housing by people, Marison Boyars, London, 1976.*
11. *Martin Evans, Housing, Climate and Comfort, Architectural Press, London, 1980.*
12. *Forbes Davidson and Geoff Payne, Urban Projects Manual, Liverpool University Press, Liverpool, 1983.*
13. *Rangwala, Town Planning, Charotar publishing house.*
14. *G. K. Hiraskar, Town Planning.*
15. *Rame Gowda, Urban and Regional planning.*
16. *N. V. Modak, V. N. Ambedkar, Town and country planning and Housing, Orient Longman,1971.*