

Sl. No.	Sub. Code	Theory	Contact Hours			Credit
			L	T	P/S	
2.	22AR723	Urban Design	3	0	0	3

Course Objective Introduce basic concepts of urban design, reading the city, understanding urban issues with the intent of resolving the interface of buildings with each other and with the urban space they help to define between them.

Anticipated Learning Outcomes: Ability to comprehend architecture at the urban scale, understand the problematic issues in a given urban area after a methodical analysis and contemplate possible urban design solutions that will guide built-form and open-space morphology.

Module 1 Definition of urban design

Components of a city and their interdependent role; determinants of urban form, Evolution of historic urban form.

Urban form and cities.

Module 2 Urban design principles and criteria, imageability; developing an understanding of factors affecting built and open spaces at urban scale and methods to perceive, record and analyse them.

Module 3 Urban design theories, visual survey techniques:

Techniques to understand movement systems, activity patterns, visual and physical linkages.

Studying land use, building uses, social, physical and perceptual context and behaviour. User patterns, perceptions and behaviour.

Module 4 Social aspect of urban design, urban design review process, Comprehensive role of urban design in planning

Module 5 The teacher may teach any appropriate material which she/he may find important.

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. *Design of cities / Bacon, En / 711.4 BAC/D*
2. *The Architecture of towns and cities / Spreiregen Paul D / 711.4 SPR/U*
3. *The Image of the city, Kevin Lynch*
4. *Urban Pattern/ Gallion, Arthur B. / 711.4 gal/u*
5. *Urban Design Method in techniques- C. Moughtin*