

AR724 Introduction to Urban Planning and Design HRS 3-0-1 CR-4

Objective

The course aims to impart a comprehensive knowledge of urban design and urban planning as means of understanding architecture in the macro scale. The students are exposed to concepts of public realm, understanding of the city as a three dimensional entity and perception of spaces at multiple scales; Planning concepts, settlement planning, housing policies, planning policies, different levels of urban planning, familiarize with the implementation processes through various statutory and non-statutory guidelines.

Module 1

INTRODUCTION

Relationship between Architecture, Urban Design and Urban Planning; Introduction basic principles and theories, Broad understanding of urban forms and spaces at various spatial scales through examples from historic cities. examples of medieval, industrial, renaissance). Philosophies and concepts of different pioneers of town planning (Patrick Geddes, Ebenezer Howard, Patrick Abercrombie, Clarence Perry, Raymond Unwin, Soria Y. Mata, etc.)

Module 2

URBAN DESIGN CONCEPTS

Understanding the city as a three dimensional element; Urban form as determined by interplay of masses, voids, order, scale, harmony, symmetry, colour and texture; Organization of spaces and their articulation in the form of squares, streets, vistas and focal points; Concept of public open space; Image of the city and its components such as edges, paths, landmarks, street features;

Module 3

URBAN PLANNING

Definition of towns in Indian context, levels of planning and steps of preparation of master plan, Structure plan and Zonal development plan. Land-use Classification of a city. Landuse subdivision, regulation and zoning.

Module 4

HOUSING AND URBAN SETTLEMENT

Introduction to housing and community facilities. Role of F.S.I and densities in housing. Housing schemes in India, Urban renewal and urban sprawl; Concepts of Transit Oriented Development, Compact City and Sustainable City; Comprehensive role of urban design in planning and public participation.

Module 5

Case studies, (Slums, public spaces, neighbourhoods, heritage areas in cities), Study of policies and guidelines on recent housing schemes

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