

AR823 HOUSING AND COMMUNITY PLANNING

Objectives: To enable the students to understand the fundamentals of housing needs, housing finance and housing techniques in relation to social and environmental effects.

Module-1

Housing situations: Impacts of industrialization and urbanization, slums and squatter settlements, case studies from India and abroad.

Module-2

Housing for economically weaker sections, site and services, self-help housing, integrated slum improvement, slum networking.

Housing for new communities: norms and standard for dwelling, shopping, education, health and recreational facilities. Residential environment: users' satisfaction and behavioral aspects, evaluation of housing development.

A site planning exercise for housing to be done as a studio exercise

Module-3

Neighborhood concept: densities and their optimization. Housing finance.

Cost reduction in housing: Techniques and related issues, alternative building materials.

References:

1. Charles Abrams. *Mans struggle for shelters in an urbanizing world*, Vikas Fetter and Simons pvt. ltd, Mumbai
2. Babur Mumtaz and Patweikly. *Urban housing strategies*, Pitman publishing, London
3. Geoffrev K.Paul, *Low income housing in the developing world*, John Wiley and sons.
4. John F.C Turner, *Housing by people*, Marison Boveros, London, 1976
5. Martin Evans, *Housing, Climate and comfort*.
6. Lewis Davidson Gotlieb, *Environment and design in housing*. The Mc.Millan Corp, New York.
7. *Housing and building in hot-humid and hot dry climate/ 721.06 Brab/H*
8. *Low-cost housing in developing countries/ Mathur, GC/363. 509/72Mat/LN93.*