

GUJARAT TECHNOLOGICAL UNIVERSITY**BRANCH NAME: B. Arch****SUBJECT NAME: Urban Housing****SUBJECT CODE: 2x85014****4th Years: Semester-VIII****Pre requisite:**

It is assumed that students, taking this elective course, have the basic understanding of what is housing, why it is important in development, and its future requirement

Rationale:

To outline the Issues concerning housing in the Indian Context and the various agencies involved in the production of housing, to outline factors that influence housing affordability and to familiarize students with various schemes and policies of the government in the housing sector, to inform about the standards and guidelines for housing and to inform about the various housing design typologies and the processes involves in housing project development. Mass Housing Project in Urban areas or Smart cities.

Teaching and Assessment Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio	C	External Exam		Internal Exam		100	VIVA
1	2	1	04	(ESE) Theory	(ESE) Viva	(PA) Theory	(PA) Viva		
				00	50	00	50		

Content:

SR No	Content	Total Hours	Weightage
1	INTRODUCTION TO HOUSING AND HOUSING ISSUES <ul style="list-style-type: none"> Introduction to housing and human settlements. Housing Policies and Programs, settlements in the development of human civilization. Role of Housing in Social and Economic Development of the Nation 	10	15%
2	HOUSING POLICIES <ul style="list-style-type: none"> Housing in five year plans and Social housing plans. National Housing Policy Major elements of Housing Policy : land, finance, material, technology and legislation Development concepts and human settlement planning 	12	20%
3	HOUSING DESIGNS AND STANDARDS <ul style="list-style-type: none"> Housing Designs and Standards units of housing design form and structure of housing as shaped by socio economic and physical parameters, housing systems and sub systems Housing design – Traditional housing, row housing, cluster housing – apartments and high-rise housing relating to Indian situations – case studies in India – integration all types of services, parking, incorporation of green sustainable practices – prefabrication in housing URDPFI- Guidelines Standards and regulations, DCR- Performing Standards for Housing 	24	40%

4	HOUSING PROCESS AND APPROVALS <ul style="list-style-type: none"> • Various stages and tasks in project development – community participation and housing management – Environmental aspects and national calamities and disaster mitigation. • Various types of approval requires for urban housing or Mass Housing – Various concern authorities, [Like Non agriculture permission, Legal - Revenue permission, Construction approval, NOC from various Government Department like Railway, Air Port, Archeological etc....] 	18	25%
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*: indicative

References:

- Bennett L. Hecht (1990, "Developing Affordable Housing: A Practical Guide for Nonprofit Organizations" (Wiley Nonprofit Law, Finance and Management Series)
- Thomas Sowell (2009), " The Housing Boom and Bust"
- Sam Davis (1995), " The Architecture of Affordable Housing"
- Barbara Miller Lane (2009), " Housing and Dwelling: Perspectives on Modern Domestic Architecture"
- Barbara Miller Lane (2006), " Housing and Dwelling: Perspectives on Modern Domestic Architecture"
- Affordable Housing and Public Policy: Strategies for Metropolitan Chicago (Assembly Book); Lawrence B. Joseph (Editor)
- Leuris (S), Front to back: "A Design Agenda for Urban Housing", Architectural Press, 2006.
- Mohanty. L.N.P., Mohanty. S, "Slum in India" APH Publications. 2005
- Saxena A. K., "Sociological Dimensions of Urban Housing and Development ", Common Wealth Publications, 2004
- Geol. S. L. Dhaliwal. S. S. "Slum improvement through participatory Urban based Community structures", Deep & Deep Publications, 2004.

List of Projects/Assignments*:

Lectures/Tutorial work shall consist of presentations on various topics of the subject. AV projects may be introduced to students for documenting best practices and advances through case studies. A group discussion or forum may be organized for discussion on various aspects of the subject.

*- this is suggestive for common purpose. Faculty may decide on this, considering student group and institution philosophy.