

GUJARAT TECHNOLOGICAL UNIVERSITY
BRANCH NAME: B. Arch
SUBJECT NAME: Design Seminar-1
SUBJECT CODE: 2X85004
4th Year: Semester-VIII

Pre requisite: It is assumed that students have developed an understanding of Architectural / Social / Cultural issues pertaining to the Urban and Rural areas, and should be aware that traditional approaches may not be suitable to address the current challenges of the emerging world.

Rationale: The course aims to develop a critical stance towards the urban concerns in our own context, using the theories and tools presented during the course. The course also aims to introduce elements of urban design and also will analyze the cases of Re-development if applicable in the given urban context.

Teaching and Assessment Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio	C	External Exam		Internal Exam		100	JURY
1	1	2	4	Theory	Viva	Theory	Viva		
				00	50	00	50		

Content:

SR. No.	Content	Total Hours	Weight age
1	Introduction: Urban / Rural: ‘What is urban for you?’ Identifying the characteristics of Urban and Rural, issues, benefits, and challenges which include Urban Life-Style, Identity, Caste-Religions, Communication modes and Science and Technological effects.	08	10%
2	Urban Design Elements : Introduction of elements of urban design which includes Building, Streets, Public Space and Open Spaces, Landscape and Mode of Transportation while considering the national as well as global perspective upon it..	08	10%
3	Spatial Justice: Identifying and analyzing various cases of spatial justice and injustice in emerging economies and also to develop and understanding of how contemporary theories apply in the metropolises.	08	10%
4	Case Studies and Regulations: Relevant case studies and their analysis, literature review, exercises related to relevant or appropriate typologies, contexts, climate, construction systems and materials. Information and acquaintance of Relative urban development guidelines/ Housing Guidelines, Byelaws, and Regulatory norms.	12	20%
5	Major Project: The final exercise can be developed as an extension towards the ‘Architectural Design Studio-VII’ subject: The master plan should also cover some or all of the following elements to ensure an overall holistic approach to design which includes following aspects-	28	50%

	Transportation, Integrated infrastructure and utilities, Bio-Diversity, Open space and Public Realm, Zoning, Site and its surroundings, Future Expansion, Parking, Edge Treatment, Services, Materials and Landscape.		
--	---	--	--

*: indicative.

References:

1. Le Corbusier, "Towards a New Architecture"
2. Charles Jencks, "The language of Post Modern Architecture".
3. Willam Jr.Curtis, "Modern Architecture since 1900", Phaidol
4. Aldo Rossi, " The Architecture of City"
5. Babur Mumtaz and Patweikly, Urban Housing Strategies, Pitman Publishing, London, 1976.
6. Geoffrey K.Payne, Low Income Housing in the Development World, John Wiley and Sons, Chichester, 1984.
7. John F.C.Turner, Housing by people, Marison Boyars, London, 1976.
8. Martin Evans, Housing, Climate and comfort, Architectural Press, London, 1980.

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. Coursework shall consist of lectures/presentation on various topics listed above supported with visuals in form of drawings, sketches, photographs, models etc. Written assignments with sketches, drafted drawings for construction detailing and model making exercises, presentations etc can be given to students. Site visits, market surveys and various other ways to engage with industry must be incorporated in this course

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