

GUJARAT TECHNOLOGICAL UNIVERSITY
BRANCH NAME: B. Arch
SUBJECT NAME: Architecture Design Studio - VII
SUBJECT CODE: 2X85001
4th Year: Semester-VIII

Pre requisite:

It is assumed that students should have developed an understanding of Designing private premises to Public buildings, complexes, Public places etc., and incorporating the constraints derived from the context it is placed in.

Rationale:

The studio explores the Understanding of design as a process of problem identification, space standards, Also the understanding of Designing multi-utility buildings /campus / complexes, multiple housing units in an urban setting with respect to social norms, climate and client's expectations. It also requires incorporating the agenda of building bye laws, structure, site planning and landscape and services within existing 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
4	2	8	14	Theory	Viva	Theory	Viva		
				00	40	00	60		

Content:

SR. No.	Content	Total Hours	Weightage
1	<p>Studio Introduction: Understanding the importance of 'context' and built environment, and Acquainting With the various ways of designing group housing and/ or A Campus/ multiple complexes integrating residential segments within the campuses in any given urban Context.</p> <p>It can be structured around understanding and inferring the Masters' principles and design processes; to further develop them as lenses applicable to the students' individual positions and design decisions.</p>	28	10%
2	<p>Integration of Culture and Modernism: A snapshot of Modernism is the broad base around which this studio unfolds. Identification of the cultural factors of space making such as notion of privacy and territoriality. Interpretations of socio-cultural factors in the built form in terms of spatial organization, orientation, open, semi open and closed spaces correlation, scales and proportions etc.</p>	28	10%
3	<p>Precedent Studies , Analysis and Approaches: Relevant case studies and their analysis, literature review, exercises related to relevant or appropriate typologies, contexts, climate, construction systems and materials.</p>	35	20%

4	Information and acquaintance of Relative urban development guidelines/ Housing Guidelines, Byelaws, and Regulatory norms.	14	
5	Continuing Attempt: The continuing attempt is to locate global principles of the International Style, in juxtaposition to regional/local adaptations. Design of various typologies such as dwelling-cluster and neighborhood in a specific community and context. Relationship of different functional, service and movement areas, circulation routes	35	15%
6	Design proposals: Design development of multi-utility buildings /campus /complexes / Integrated Townships incorporating the constraints derived from the context it is placed in. developing scaled drawings, models, mock ups and analysis of the design process.	70	45%

*: indicative

Approach:

- Design methodology shall take precedence over design.
- Model of existing site and context shall be prerequisite for design insertions.
- Part of project may be done in groups to develop teamwork and multi-faceted approach to design.

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.

Suggested Studio Exercises:

- Design of buildings / building complexes/Group housing Projects in specific urban contexts such as heritagezones, near existing and within built environments.
- Development of projects containing group of buildings with multiplicity of constraints such as relationship of land uses, space, architectural character, circulation, movement landscape and buildings.

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.