

GUJARAT TECHNOLOGICAL UNIVERSITY
BRANCH NAME: B. Arch.
SUBJECT NAME: Architecture Design Studio – I
SUBJECT CODE: 2X15001
1st Year: Semester: I

Prerequisite:

It is a beginner course. There is no prerequisite for this course.

Rationale:

Architecture Design: introduction to design parameters, anthropometrics, human activity and the use of space.

Teaching and Assessment Scheme:

Teaching Scheme			Credits C	Examination Marks				Total Marks	University Exam Type
Field work	Lectures	Studio		External exam		Internal exam			
				(ESE)Theory	(ESE) Viva	(PA)Theory	(PA)Viva		
2	2	4	08	NA	40	NA	60	100	JURY

Content:

Sr. No.	Content	Total Hours*	% Weightage*
1	Understanding of basic shelter and its types	44	35%
2	Study of anthropometry and its co-relevance with spaces Design Exercise of a simple architectural form based on an understanding of anthropometry	44	35%
3	Related Study Program-I (understanding of built environment by participating directly) <ul style="list-style-type: none"> - Understanding human activity and use of space - Explore relationship between architecture, its surrounding context, people and culture - Understanding of various facets of built environment - Document and record information regarding architecture and culture, methods of observation, recording, documenting and representing 	40	30%

*: indicative

Reference Books:

- Architecture: Form, Space, and Order by Francis D. K Ching, Willey
- V. S. Pramdar, Design fundamentals in Architecture, Somaiya Publications Pvt. Ltd., New Delhi, 1973
- Architecture: A Visual History, Jonathan Glancey, DK, Penguin Random House, 2017
- Human Dimension and Interior Space, A Source Book of Design Reference Standards By Julius Panero, Martin Zelnik, 2014
- Architects' Data, Ernst Neufert, 1970

Course Outcome:

Sr. No.	CO Statement	Marks % Weightage
Upon completion of this course, the students should be able to:		
1	Analyze spaces with respect to anthropometry	20%
2	Select appropriate design principles, shelter type and scale of spaces, relevant ones for given set of requirement	10%
3	Evaluate the character/quality of design of various shelter styles, use of space with respect to human activity	10%
4	Identify key visual elements during RSP	10%
5	Propose a small architecture input	50%

List of Projects/Assignments*:

Lectures, Studios, Field trips, Study tour, documentation, recording, presentation, group discussion

A small architecture intervention of any sort can be given for exercise of skills/knowledge gained during this semester.

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