

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BRANCH NAME: BACHELOR OF INTERIOR DESIGN**  
**SUBJECT NAME: INTERIOR DESIGN STUDIO – I**  
**SUBJECT CODE: 2X15101**  
**1st Year: Semester: 1**

**Prerequisite:**

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

**Rationale:**

- Visual perception
- Anthropometrics
- Expression Techniques

**Teaching and Assessment Scheme:**

Teaching Scheme			Credits C	Examination Marks				Total Marks	Universi ty Exam Type
Field work	Lectures	Studio		External exam		Internal exam			
				(ESE)The ory	(ESE) Viva	(PA)Theor y	(PA)Viv a		
2	2	4	08	NA	40	NA	60	100	JURY

**Content:**

Sr. No.	Content	Total Hours*	% Weightage*
1	<ul style="list-style-type: none"> <li>● <b>Design Thinking and Design Process :</b> observation, assimilation, analysis and synthesis.</li> </ul>	10	10
2	<ul style="list-style-type: none"> <li>● <b>Scale and Human Perception</b></li> <li>● <b>Anthropometrics</b> and related design issues.</li> <li>● The idea of <b>measure and distance</b>.</li> </ul>	20	20
3	<ul style="list-style-type: none"> <li>● <b>Visual perception of Forms:</b> analyzed through point, line, plane and solids, and their combinations.</li> <li>● <b>Composition:</b> Symmetrical / Asymmetrical, Balanced / Unbalanced, and Static /Dynamic etc.</li> <li>● Gestalt's principles of visual perception.</li> <li>● <b>Perception of Forms:</b> movement, organization, categorization of volumes and space. Methods of additive, subtractive, intersection, etc be adapted. Devoid of functions.</li> <li>● <b>Design Problem</b> - Understanding man and his working / living activity. Analysis of functions, and Space planning and organization for these activities.</li> </ul>	50	40
4	<ul style="list-style-type: none"> <li>● Tactile qualities of space : light/ Color/ Texture etc.</li> </ul>	12	10
5	<ul style="list-style-type: none"> <li>● <b>Representation techniques:</b> Drawings, sketches, collage and models.</li> </ul>	20	10

6	<p style="text-align: center;"><b>Related Study Program-I</b></p> <ul style="list-style-type: none"> <li>● This program involves a <b>travel study</b> of a region with documentation.</li> <li>● Sketching and Measure Drawing of the chosen space in a built form to <b>understand objects and environment.</b></li> <li>● To visit a place within the region to understand the relevance of an existing cultural and physical landscape in India with reference to Interior Design, Art and Architecture</li> <li>● The intent is to inquire into indigenous cultures, human relationships with resources, issues of sustainability by doing an in-depth study of materials, techniques, processes, aesthetics, projections and the association of the product in its socio cultural context individually and collectively as a community.</li> </ul>	16	10
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\*: indicative

### Thrust / Projects:

Establishment of vocabulary through basic space generating elements and to spatial words they create.

1. Study of order and pattern set in nature/geometry.
2. Visual perception of spatial elements through graphic tools and 3D explorations. Synthesis of elements in abstract forms to understand space and form, variation, issues of geometry, principles of perception, proximity, closure similarity (Gestalt types) form in context, reference frame, figure and ground relationship, visual mass, static and dynamic aspect of spaces.
3. Study of living habitat of any characterized entity other than just human.
4. Exercises in anthropometrics and scales relevant human activity.
5. Establish a limited spatial envelope to suit basic functions of living and working.
  - Disciplines underlying the combinative principles of spatial vocabulary, spatial geometry,
  - Issues of direction, position, enclosure, openness, movement, linkages and space perception.
  - Light, colour, texture and material add another interface to understanding of space giving it varied scales and Proportions, giving new dimensions to the space.
6. RSP-I  
 Observation, assimilation, analysis and synthesis of a region, culture or tribe.  
 Understanding of Scale and Human Perception.  
 Anthropometrics and ergonomics.  
 Built Form and its expression, in terms of climate and locally available resources.  
 Analysis of functions, and Space planning for the routine activities.  
 Materials and use of structural systems.

**Reference Books:**

- Architecture: Form, Space, and Order by Francis D. K Ching, Willey
- Rasmussen, Stein Eiler - Experiencing Architecture
- Berger John - Ways of seeing
- Ching, Frances D.K. - Graphics in Architecture
- Arnheim, Rudolf - The Dynamics of Architectural Form.
- Arnheim, Rudolf - Art and visual perception.
- Laszlo Moholy Nagy- Vision In Motion

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

