

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BRANCH NAME: BACHELOR OF INTERIOR DESIGN**  
**SUBJECT NAME: TECHNICAL REPRESENTATION OF**  
**DRAWING (TRD) – I**  
**SUBJECT CODE: 2X15106**  
**1st Year: Semester: I**

**Prerequisite:**

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

**Rationale:**

- To observe and express creative ideas.
- Develop skills for representation.
- Math and Geometry to express design ideas.
- understand the relation of geometrical grids and linear exploration.
- Technical visualization of 3D.

**Teaching and Assessment Scheme:**

Teaching Scheme			Credits C	Examination Marks				Total Marks	Universit y Exam Type
Field work	Lectures	Studio		External exam		Internal exam			
				(ESE)Theor y	(ESE) Viva	(PA)Theor y	(PA)Viv a		
01	01	04	06	40	NA	60	100	DRAWING EXAM	

**Content:**

Sr. No.	Content	Total Hours*	% Weightage*
1	<b>Unit 1: Understanding basic drawing</b> <ul style="list-style-type: none"> <li>● Familiarization with drawings materials and equipment</li> <li>● Point and line, Straight and curvilinear lines, lettering</li> <li>● Line Intensity, sharpness and gradation for presentation</li> <li>● 2 D Basic Geometry</li> </ul>	30	30
2	<b>Unit 2: Three Dimensional Drawing Representation</b> <ul style="list-style-type: none"> <li>● perspective – one point, 2 point and 3 point perspective</li> <li>● Iso metric , Axono metric Drawings</li> </ul>	26	30
3	<b>Unit 3: Basic Orthographic projection</b> <ul style="list-style-type: none"> <li>● Introduction drawing terms</li> </ul>	20	20

4	<b>Unit 4 : Technical Drawings</b> <ul style="list-style-type: none"> <li>● relating above mentioned principles with basic furniture/interior elements</li> </ul>	20	20
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\*: indicative

**Reference Books:**

- Engineering Drawing - N. D. Bhatt
- Pencil Drawing: A complete kit for beginners-Michael Butjus,William F Powell,Mia Taronatti.
- Different Strokes: Pencil Drawing: Unique double demonstration reveal alternative approaches to pencil drawing.-David Poxon
- Fast Sketching Techniques: Capture the Fundamental Essence of Elusive Subjects—David Poxon
- Sketching (5h Printing):Drawing Techniques for Product Designers-Koos, Eissen ,Roselien Steur
- Hand Drafting for Interior Designers-Angel Fernandez,Gabriel Martin Roig

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