



# GUJARAT TECHNOLOGICAL UNIVERSITY

## Bachelor of Design Syllabus

Subject Code : 1120001

Subject Name : Drawing - II

WEF Academic Year :	2023-24
Semester :	II
Category of the Course :	Core

<b>Prerequisite :</b>	
<b>Rationale :</b>	The course aims to develop enhanced skills and visualization abilities to explore complex planar configurations, objects, material representation, analytical drawing techniques and ability to articulate visual ideas of 3-dimensional concepts with clarity and details.

### Course Scheme :

Teaching Scheme			Total Credits	Assessment Pattern and Marks				Total Marks
L	T	PR	C	Theory		Practical		
				ESE (E)	PA(M)	ESE (V)	PA (I)	
0	3	0	3	0	30	50	20	100

### Course Content:

Sr. No.	Course Content	No. of Hours	% of Weightage
1	<b>Unit I: Visualization of objects</b> - Reimagining existing product through changes in its components, proportions, details and scale using freehand drawing.	15	25
2	<b>Unit II: Form visualization and material representation</b> - Rendering of existing objects in new material/surface details etc.	15	25
3	<b>Unit III:Basic Rendering</b> - Basic techniques of representing light and shade on objects, realistic material representation with different mediums, textures, and finishes.	15	25
4	<b>Unit IV: Planar Articulation and Surface Orientation</b> - Drawing of complex linear configurations like wire and planes on an isometric grid with clarity and surface differentiation.	15	25
	<b>Total</b>	<b>60</b>	<b>100</b>



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### Reference Book:

1. Harrison, Hazel, Encyclopedia of Drawing Techniques, The: The step-by-step illustrated guide to over 50 techniques 2014.
2. Mariko, Higaki, Observational Sketching, Rockport Publishers.
3. Baskinger, Mark, Bardel, William, Drawing Ideas: A Hand-Drawn Approach for Better Design, 2013.

### Course Outcome:

After Completion of the Course, Student will able to:

No	Course Outcomes
1	Develop competencies in using drawing as a tool for analysis, representation, and visualization.
2	Enable sensitivity and perception of 3-dimensional forms and their critical aspects of proportions, details, planer complexities and material details through drawing.
3	Develop skills of different drawing and rendering mediums used for representing 3D objects.
4	Provide the ability to visualize and represent complex forms in 2 dimensions
5	Develop spirit of originality, exploration, inquiry, reflection, internalization of insights and motivation with sensitivity to quality in skills and visualization

### Suggested Course Practical List:

### List of Laboratory/Learning Resources Required:

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