



# GUJARAT TECHNOLOGICAL UNIVERSITY

## BACHELOR OF INTERIOR DESIGN

Subject Code: 2X45107

Subject Name: FURNITURE DESIGN-II

### Prerequisite:

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

### Rationale:

- Analyzing the function & form of furniture.
- Designing a single piece of furniture by applying principles of ergonomics, material technology & visual perception in a given space for the specific function / activity.

### Teaching and Assessment Scheme:

Teaching Scheme			Credits C	Examination Marks				Total Marks
Lectures	Tutorials	Practical		External exam		Internal exam		
				(ESE) Theory	(ESE) Viva	(PA) Theory	(PA) Viva	
0	0	6	6	NA	NA	60	40	100

### Content:

Sr. No.	Content	Total Hours *	Weightage (%)*
1	<b>Unit 1:</b> <ul style="list-style-type: none"><li>• Analysis of an existing piece of furniture with respect to its function.</li><li>• Technical aspects and skills required.</li><li>• Materials, flexibility, comfort, ergonomics, aesthetics, transportation, economics etc.</li></ul>	48	50
2	<b>Unit 2:</b> <ul style="list-style-type: none"><li>• Application of the above study to design a new piece of furniture.</li></ul>	48	50

\*: indicative

### Thrust / Projects:

- Report on history of furniture forms from early days to the present.
- Study and report of materials and techniques of various crafts related to furniture making, such as lacquered furniture in Gujarat, carved furniture in Rajasthan, flat saw carving and inlay in wood of Saharanpur, walnut furniture and papier Mache' furniture of Jammu & Kashmir, carved furniture in rose wood and sandal wood of Karnataka and Tamilnadu, cane furniture of Kerala, cane, bamboo & grass woven furniture of West Bengal, Assam & Eastern States.
- Measure drawing and analysis of the existing piece of furniture.
- Design furniture as a single unit and also as part of a system in a given interior space.
- Prepare a model / prototype for the designed piece of furniture.
- Detailed estimate of the above.

**Reference Books:**

- Time Savers Standards for Interior Design and Space Planning.
- Ahmed Kasu: Interior Design-An introduction to Art, Craft Science, Technique of Professional of Interior Design.
- Linley David: Classical furniture.
- Adriana Boidi Sassone: Furniture from Rocco to Art Deco.
- Charlotte: 1000 chairs.
- Robert W. Lang :The furniture in southern style.

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