

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for Bachelor of Interior Design

SEMESTER-5

SUBJECT NAME – FURNITURE DESIGN-III

SUBJECT CODE – 1055102

- EMPHASIS:**
- System design approach and space planning through furniture as elements of design.
 - Mass production of furniture elements and system design.
 - Evolving a coordinated system within a space with idea of the expression it wants to articulate.
 - Understanding of modular approach and further understanding the viability and validity of each component in furniture element.
 - Understanding material, its potential and expression.
 - Mass production of furniture elements for various classes of people with parameters of economy and culture.

- CONTENT:**
- Modular in furniture design, its relationship to human economics, survey of various modular systems available for different functions in market.
 - Modular system of storage elements – closets, kitchen cabinets, displays, etc.
 - Exploration of wood, metal, glass, plastics and F.R.P. as materials for system design.
 - Cost criteria of design, furniture for lower income sectors of society.

- THRUST/PROJECTS:**
- Design a coordinated system of furniture elements with related to space.
 - Exploration of wood, metal, glass, F.R.P. leather as materials for system design.
 - Contemporary coordinated furniture systems available in market exploration by analysis.
 - Modular approach in designing elements and understanding multiple uses of furniture forms. Further understanding relation between different furniture elements and understand coordinated systems.
 - Modular in furniture design, its relationship to human ergonomics, and survey of various modular and mass produced furniture systems.
 - Working prototypes, full size drawings and details further develops our understanding to design determinants. Constraints and possibilities.

- REFERENCES:**
- Venu Bhatia – Vinoo
 - Design illustrated – F.D.K.Ching
 - Anthropometric Dimensions – N.I.D