

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for B.Arch

FORTH SEMESTER

SUBJECT NAME: Arch Design-IV

SUBJECT CODE: 1045001

Focus: To understand the approach to the design process in terms of:

- Abstract concepts and ideas in a design
- Appropriate forms for different functions,
- Built form with special reference to climate, material , social & cultural context, physical environment
- Context as a determinant of Architectural character

Content:

- The design process and role of abstract concepts and ideas as an ordering mechanism to express ideas - like Symbolism and communication, identity, character, etc.
- Exploring environmental qualities like light and colour, texture & scale and its usages in expressing design concepts
- Analytical studies of indigenous settlements to understand the socio-cultural elements, environmental impact and their impact on the built form (Cluster & community - street pattern, Traditional design and construction principles, Issues of modernity and tradition)
- Understanding appropriateness of building and construction system based on the criteria of workmanship/materials available, climate, adoption of alternative material or technology, maintenance issues, etc.

Understanding architecture's role in mediating socio-cultural environment through the documentation & analysis of an existing / traditional settlement

□ (Work done in the RSP might be used as a context and the studio program could be proposed within the vicinity of the settlement studied.)

Reference Books:

1. Form Space & Order, Francis D.K.Ching, John Wiley & Sons
2. Towards New Architecture, Corbusier, Le Dover Publications Inc , New York

Lateral thinking, De Bono, Edward, Harper Collins Publishers