

GUJARAT TECHNOLOGICAL UNIVERSITY
Syllabus for B. Arch
SEMESTER - IX

SUBJECT NAME – ARCHITECTURAL DESIGN VIII

SUBJECT CODE – 1095001

FOCUS:

Learn about reading and documenting urban fabric and to understand the idea of urban space. To understand the difference between urban designs as opposed to urban development. To understand the role of architecture in shaping urban fabric and create design which fits into urban context. To understand the needs of privacy, community spaces, efficiency of open spaces and idea of extended living areas.

CONTENTS:

- Studio projects shall be based on considering the principals involved in community architecture.
- Concepts of sustainable architecture and energy efficient buildings reuse recycled and recharging resources such as water, solar bio-resources; can be introduced in the studio design. The design can also be sensitive to the needs of disabled, aged people and children.
 - Multiple functions.
 - Public access to majority of the space,
 - Large-gathering areas, which are open and extendable to the immediate urban context
 - Analyzing structural feasibility of the project to adopt various structural systems for spanning.
- High-rise building Projects like transport interchanges, large retail areas with entertainment areas, transport terminals with commercial areas, performing art center with museums and such multiple functions shall be taken.

SUGGESTED BOOKS

- Garden Cities: Theory & Practice of Agrarian Urbanism By Andrés Duany and Duany Plater-Zyberk
- By the City, For the City: An Atlas of Possibility for the Future of New York by The Institute for Urban Design Multi-Story Books
- Pocket Neighborhoods: Creating Small-Scale Community in a Large-Scale World by Ross Chapin Taunton Press,