

# GUJARAT TECHNOLOGICAL UNIVERSITY

## DIPLOMA IN ARCHITECTURE

### SIXTH SEMESTER SYLLABUS (W.E.F.JANUARY 2016)

#### SUBJECT NAME – DESIGN STUDIO VI

#### **SUBJECT CODE – 3366201**

#### **FOCUS:**

Learn about reading and documenting urban contexts 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 fabric.. 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.
- The role of urban space as a public realm needs to create such spaces as extension of private domain. The public building shall be investigated and shall become one of the architectural goals of the project. Some of the prerequisites of the project shall be;
  - 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.
- E.g. of projects: Large group housing with other amenities, large retail areas with entertainment areas, Bus Terminal, Sports terminals, Community areas etc.
- One major project and one mini project and time problem to be tackled in the semester. Case study, data collection and literature survey should be the part of the same. Design proposals should be supported with block model. Detailing of architectural features should be attempted.

#### **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,