

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for B.Arch.

FIFTH SEMESTER (W.E.F. JULY 2014)

SUBJECT NAME: Arch Design-V

SUBJECT CODE: 1055001

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

- Environmental Concerns, Energy Efficiency
- Client Contact, Active – Passive User group
- Integration of space, structure, materials, construction & services
- Part-Whole relationships character.

Content:

- Understanding the institutional character
- Organization and disposition of spaces.
- Relationship of different functional, service and movement areas.
- Diversity of user groups, circulation routes.
- User group needs and client requirements.
- Influence of culture, climate & technology.
- Site planning/layout/zoning/ circulation.
- Landscaping.
- Idea of an Institutional image/character & Ordering Theme / Idea / Concept

Project:

Design of an Institution in urban context of medium level complexity with a mix of functions. Analytical case studies of Institutions in different cultures and time periods may be done as group work.

REFERENCE BOOKS:

SR.NO.	TITLE	AUTHOR
01.	Design Strategies in Architecture	Edited by Geoffrey Baker
02.	Responsive Environment	Cutler & Cutler
03.	A Pattern Language	Christopher Alexander
04.	Scale in Architecture	Frank Orr
05.	Lateral thinking	De Bono, Edward
06.	Architecture: Scale and Proportion	Ruskin, Eugene
07.	Space Time and Architecture	S.Giedion
08.	Analysis of Form	Le Corbusier & Baker

