

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for B.Arch

SIXTH SEMESTER (W.E.F. JANUARY 2015)

SUBJECT NAME: Intelligent Building

SUBJECT CODE: 10650011

Focus:

Understanding types of Building Control Systems and to provide knowledge on the underlying concepts of intelligent buildings.

Contents:

- Control system for various building Services
- Home Automation
- Developments in Service Control System
- Working principles of building automation systems, office automation systems, and communication systems
- Basic knowledge of the construction and installation of the structured cabling system enabling integrated system connections

Reference Books:

- Intelligent Buildings: An Introduction by Derek Clements-Croome
- Intelligent Buildings: Design, Management and Operation BY Professor Derek Clements-Croome