

# GUJARAT TECHNOLOGICAL UNIVERSITY

## Syllabus for B.Arch

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

**SUBJECT NAME:** Intelligent Building

**SUBJECT CODE:** 1065011

**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