

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for B.Arch

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

SUBJECT NAME: Advance Construction Techniques

SUBJECT CODE: 1065009

Focus:

Understanding Advanced construction techniques and their Applications.

Contents:

- Evolution of building technology and advancements
- Industrial Revolution and its impact, mass housing , rapid construction methods and materials
- Structural systems as elements of architectural expressions, modernism and post modernism.
- Pre-Cast and Pre- Stressed Construction techniques.

Reference Books:

- Advanced Construction Technology by Roy Chudley (Author), Roger Greeno
- Building Construction Illustrated by Francis D.K. Ching