

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for B.Arch

FIRST SEMESTER

SUBJECT NAME: Structure-I

SUBJECT CODE: 1015004

Content:

1. Importance of structure design in architecture
2. Technical names and functions of various structural components from foundation to roof
3. Basic supporting system
4. Types of structure and their behavior (Load bearing, framed and tensile)
5. Introduction to loads, force and moments on structure
6. Properties of section