

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for B.Arch.

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

SUBJECT NAME: ADVANCED COMPUTING

SUBJECT CODE: 1055006

Focus:

Developing software skills for enhancing Architectural Graphical Representation and Rendering Techniques

Contents:

- Networking
- Web Design
- 3-D Modelling
- Rendering through software
- Walk through

Reference Books:

- Blender 3D Architecture, Buildings, and Scenery: Create photorealistic 3D architectural visualizations of buildings, interiors, and environmental scenery by Allan Brito
- Virtual Architecture: Modeling and Creation of Real-Time 3D Interactive Worlds by Mohd Fairuz Shiratuddin, Kevin Kitchens, Desmond Fletcher
- The SketchUp Workflow for Architecture: Modeling Buildings, Visualizing Design, and Creating Construction Documents with SketchUp Pro and Layout by Michael Brightman