

GUJARAT TECHNOLOGICAL UNIVERSITY

Syllabus for B.Arch

FORTH SEMESTER

SUBJECT NAME: Computer Applications-I

SUBJECT CODE: 1045005

Focus: Architectural 2D CAD drafting (Auto-Cad), 3-D modelling (Sketch Up) & basic digital presentation techniques

Content:

- Preparation of two dimensional architectural drawings (including plans, elevations and sections) incorporating layers, line-weights, texts, dimensioning and formatting of drawings for taking prints and plots.
- Basic three dimensional modelling of architectural layouts imported from AutoCAD to Google Sketch-up

Reference Books:

1. Applying Autocad 13, Terry Wohlers, Mcgrewhil

CAD Principals for Architectural Design, Peter Szalapaj, Architectural Press