

KARNATAK LAW SOCIETY'S
GOGTE INSTITUTE OF TECHNOLOGY

UDYAMBAG, BELAGAVI-590008

(An Autonomous Institution under Visvesvaraya Technological University, Belagavi)

(APPROVED BY AICTE, NEW DELHI)



SKILL LABS

FOR

5th Semester Architecture Department Students

**DEPARTMENT OF
ARCHITECTURE**

KLS GOGTE INSTITUTE OF TECHNOLOGY



BIM (Building Information Modelling)

FOR

Students of 5th Semester

Overview

BIM lab will introduce students to the fundamentals of Revit Architecture, Revit Structure and presentation of various drawings for their Architectural design project.

Mode of Conduction of each Module

Theory: 3 Hours
Demo: 9 Hours
Lab sessions: 18 Hours
Total duration: 30 Hours
Certification exam: 3 Hours

Module 1: Introduction to BIM

- Revit User Interface.
- Project browser / Project organization to create floor plans, elevations, sections.

Module 2: Revit Structure

- Generate grids, levels.
- Create Structural components foundations, columns, beams, slabs.

Module 3: Revit Architecture

- Modelling walls, floors, roof, windows, doors.
- Create vertical circulation elements - stairs, elevators.
- View creation- 3d perspective views.

Module 4: Presentation

- Adding Annotations, legends, symbols.
- Template creation
- Sheets composition

Coordinators

Name: Prof. Omkar Vernekar

Phone: 7019401379

E-mail: opvernekar@git.edu

Outcomes

The lab will equip students with knowledge of BIM (Building Information Modelling) Revit Software to develop digital model of their Architectural design project.

Acceptance

In order to accept and start the training program, students are required to register with the respective department. Details to be provided by the student to the department include: **Name, USN, UID, Mobile No, Email id**

Terms and Conditions

- Only students who have paid a skill lab fee to the institution are eligible for the training.
- The students must maintain 90% attendance for obtaining the skill lab certificate.
- Students must attend training as per scheduled time