



KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI

SKILL LABS



Schedule of Skill labs offered at KLSGIT

Sl No	Department	Start date	End date	Title of Skill lab
1	Architecture	08.09.25	12.09.25	BIM (Building Information modelling)

Skill lab (Detailed schedule)

Sl No	Department	Title of Skill lab	Semester & Division	Venue	Dates	Faculty name	Phone No	Email id
1	Architecture	BIM	5th	NATA room	08.09.25	Omkar Vernekar	7019401379	opvernekar@git.edu
2	Architecture	BIM	5th	NATA room	09.09.25	Omkar Vernekar	7019401379	opvernekar@git.edu
3	Architecture	BIM	5th	NATA room	10.09.25	Omkar Vernekar	7019401379	opvernekar@git.edu
4	Architecture	BIM	5th	NATA room	11.09.25	Omkar Vernekar	7019401379	opvernekar@git.edu
5	Architecture	BIM	5th	NATA room	12.09.25	Omkar Vernekar	7019401379	opvernekar@git.edu



SKILL LAB

ON

BIM (Building Information Modelling)

For 5th Semester Students



KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI

Department of Architecture

Overview:

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

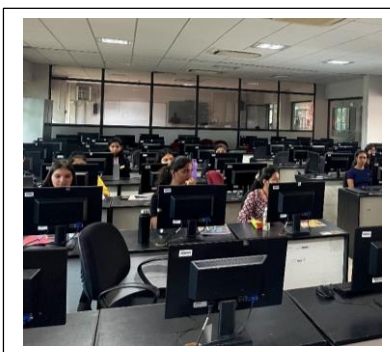


Mode of Conduction of each Module:

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

Module 1: Introduction to BIM

Introduction to BIM and Revit user interface. Application of project browser/ Project organization to Create floor plans, elevations, sections.



Module 3: Revit Architecture

Modelling walls, floors, roof, windows, Doors; Create Vertical circulation elements stairs, elevators. View creation- 3d perspective views.

Module 2: Revit Structure

Generate grids, levels and create Structural components foundations, columns, beams, slabs.

Module 4: Presentation

Adding Annotations, legends, symbols; Template creation and sheets composition.

Terms and Conditions

Students who have paid a skill lab fee to the institution are eligible for training. The students must maintain 90% attendance for obtaining the skill lab certificate.

Students must attend training as per scheduled time.

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

Coordinators:

Name Prof. Omkar Vernekar
Dept. of Architecture
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.

Career prospects

BIM is widely used in Building Industry, most of the well reputed Architecture firms and MNCs have a mandate to be well versed with BIM - Revit tools for fresher recruitments. The knowledge of Revit will help students to enrich their portfolio and get better job opportunities.