



SKILL LAB

ON

Software Tools and Techniques For 3rd Semester Students



KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI

Department of Computer Science And Engineering

Overview:

This 36-hour hands-on course immerses students in essential software tools, covering fundamental concepts, development environments, and practical applications. It dives into the basics of software development, including version control, debugging, and deployment, and gives students practical experience with widely used tools such as Git, Docker, Jenkins, and various IDEs. Students learn to apply theoretical knowledge in real-world scenarios, understanding the interaction and support these tools provide throughout the development lifecycle.



Mode of Conduction of each Module:

Theory:	10 Hours
Demo:	10 Hours
Lab sessions:	16 Hours
Total duration:	36 Hours
Certification exam:	3 Hours

Module 1: Microsoft Word

Exploring various word options and creating word documents

Module 2: PowerPoint Presentations

Various presentation techniques

Module 3: Microsoft Excel

Exploring excel with different formulas and creating sheets

Module 4: introduction to LinkedIn, Google Drive, Google Classroom, GitHub.

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 Dr Arati Shahapurkar
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Outcomes

Enhanced Skills
Problem Solving Abilities
Industry Relevance