



# SKILL LAB

ON

## Software Design and Modern Automation Tools For 5<sup>th</sup> Semester Students



### KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI Department of Computer Science & Engineering

#### Overview:

The 36-hour hands-on course on "Software Design and Automation Tools" introduces students to Figma and JIRA, covering essential design and project management concepts. Students will create interactive prototypes for various devices, including phones, tablets, desktops, and wearables, while mastering Figma's features such as frames, layers, and components. Through FigJam, workflows. In the second part, students learn to use JIRA for agile project management, handling tasks, sprints, and workflows. This course bridges design and automation, preparing students for careers in UI/UX design, agile development, and project management.



#### Mode of Conduction of each Module: Offline

Theory:	12 Hours,
Demo:	10 Hours,
Lab Sessions:	14 Hours
Total duration:	36 Hours
Certification exam:	03 Hours

#### Module: Getting started with Figma and FigJam

Introduction to Design Tools and user Interface. Working with frames, shapes and Layers. Creating Wireframe and Layouts for multiple devices.



#### Module 3: Introduction to JIRA and Project Management

Overview of JIRA. Creating Epic, Story and Task and TestCards.

#### Module 2: Advanced Figma Features and Prototyping

Designing reusable components and UI design. Using layout constraints for responsive Design.

#### Module 4: Project Automation

Automating Projects/ JIRA

#### 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. Vijay S Rajpurohit  
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#### Outcomes

- Enhanced understanding of UI/UX design and Prototyping.
- Practical Experience in Project Management and Tracking
- Exposure to Agile method automation.