



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	ISE	30-12-2024	03-01-2024	Power BI Skill Lab

Skill lab (Detailed schedule)

Sl No	Department	Title of Skill lab	Semester & Division	Venue	Dates	Faculty name	Phone No	Email id
1	ISE	Power BI Skill Lab	5 th sem, A	Lab No. 3 & 6	30-12-2024 to 03-01-2024	Dr. Kiran K. Tangod Dr. Padma Dandannavar Prof. Anusha Chogund Prof. Shrivatsa D. Perur	9448545393 9886230332 9845306014 9845371193	kirant@git.edu padmad@git.edu apcogund@git.edu sdperur@git.edu



SKILL LAB

ON

POWER BI

For 3rd Year Students

KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
 Department of Information Science and Engineering

Overview:

The Power BI Skill Lab offers hands-on experience in mastering data visualisation and business analytics. Participants will explore data integration, transformation, and dashboard creation using Power BI tools. This practical lab empowers learners to derive actionable insights and make data-driven decisions efficiently through interactive reports and visuals.



Mode of Conduction of each Module:

Theory: 02 Hours,
 Demo: 01 Hours,
 Lab Sessions: 03 Hours
 Total duration: 06 Hour
 Certification exam: 03 Hours

Module 1: Introduction

- Power BI Architecture
- Power BI introduction and overview
- Introduction Power BI desktop and Power BI in Excel, connecting with data



Module 3: Power Pivot and Data Sources

- Using SQL Server data.
- Loading data from cubes.

Module 2: Power Query

- Installation Requirements and Configuration
- Different versions of Power Query
- Query Editor

Module 4: Building PivotTables on Power Pivot

- Building pivot tables on top of Power Pivot.
- Using Pivot Charts & working with Slicers.

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

Outcomes

The Power BI Skill Lab equips participants with essential data analytics skills, enabling them to create interactive reports, automate data workflows, and uncover valuable insights. It enhances proficiency in visual storytelling, improves decision-making, and boosts career prospects in data-driven roles across various industries

Coordinators:

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career prospects

Students will be able to take up positions like Business Intelligence Analyst, Data Analyst, Power BI Developer post the completion of course.