

G.S. Mandal's

Maharashtra Institute of Technology, Chatrapati Sambhaji Nagar

Workshop Report

Title of the Workshop: "Data Visualization using Tableau"

Date: 28th March 2025

Time: 8:00 AM to 9:00 AM

Duration: 1 Hour

Mode: Online

Speaker: Prof. B.N. Kshirsagar, Prominent Professor, MIT Chh. Sambhajinagar

Objectives:

- To familiarize students with the importance of data visualization in data analysis and decision-making.
- To introduce the Tableau platform and demonstrate how to create interactive dashboards and visual reports.

Outcome:

- Students gained hands-on experience in using Tableau for creating impactful data visualizations.
- Participants learned to interpret datasets effectively through charts, graphs, and dashboards, enhancing their analytical skills.

Gist of the Event:

The online workshop on **"Data Visualization using Tableau"** was successfully conducted on **28th March 2025** from **8:00 AM to 9:00 AM**, with participation from more than **21 students and faculty members** of the **Artificial Intelligence and Data Science** and **Computer Science and Design** branches. The workshop was mainly attended by **Second and Third Year students**, who showed keen interest in exploring the field of data analytics.

Prof. B.N. Kshirsagar, an esteemed professor from **MIT Chh. Sambhajinagar**, led the session with great enthusiasm and clarity. The workshop began with an overview of **data visualization concepts**, its role in **data-driven decision making**, and why visualization is essential in modern data science workflows.

Prof. Kshirsagar then introduced **Tableau**, explaining its **interface**, **key features**, and **advantages** over other visualization tools. He demonstrated how to **connect datasets**, build **charts and graphs**, and create **interactive dashboards** that help in identifying trends and patterns.

The session included a **hands-on segment** where participants worked with sample datasets and built visual reports using Tableau. Practical use cases were discussed, showing how Tableau can be applied in domains like **business intelligence**, **market analysis**, and **academic research**.

The workshop concluded with a **Q&A session**, where students asked insightful questions about Tableau's capabilities, licensing, and industry usage. Prof. Kshirsagar responded with detailed examples and encouraged students to continue practicing on the free Tableau Public platform.

The session was highly **engaging and informative**, providing students with both theoretical understanding and practical exposure to one of the most powerful tools in the field of data analytics.



Speaker: Prof. B.N Kshirsagar , MIT Chh.Sambhajnagar.