

EVENT CONDUCTED REPORT

Date: 29/04/2025

Program : B.Tech (CSE)
Academic Year : 2024-25
A Hands On
Workshop On
Event Name : Tableau Software
Dates Organized : 28/04/2025
Type : & 29/04/25
Workshop
Necessity : Knowledge Enhancement / Content beyond syllabus

Resource Persons : DR.P.VELMURUGAN
Details : ASSISTANTPROFESSOR
Bharat Institute of
Engineering Technology

Topics Delivered : Tableau Software
1.Introduction to
Tableau
2.Connecting to Data
Sources
3. Calculated Fields and
Table Calculations

Target Audience : III B.Tech (CSE)
No. of Participants : 65
Name of the Event
Coordinators : 1. Dr Ch Rama Prakasha Reddy
2. Ms. A Soniya

Tableau Software is a powerful data visualization and business intelligence tool widely used for transforming raw data into interactive and insightful visual reports. Developed with a user-friendly interface, Tableau allows individuals and organizations to analyze large volumes of data quickly and effectively without requiring advanced technical skills.

One of Tableau's strongest features is its ability to connect with various data sources, including Excel, SQL databases, cloud services like Google Sheets and AWS, and even big data platforms such as Hadoop. Once connected, users can easily clean, filter, and manipulate data using drag-and-drop functionalities.

Tableau offers a wide variety of visualization options such as bar charts, line graphs, heat maps, scatter plots, and geographical maps. These visual tools help users identify trends, patterns, and outliers, making data analysis more intuitive and accessible. Dashboards created in Tableau can be interactive, allowing for real-time filtering and data drilling, which supports deeper analysis and better decision-making.

In addition, Tableau supports calculated fields, table calculations, and parameter controls to create customized reports. Its integration with programming languages like R and Python adds advanced analytical capabilities for data scientists and analysts.

Tableau also offers sharing and collaboration options. Reports and dashboards can be published on Tableau Server, Tableau Online, or Tableau Public, enabling teams to collaborate and make data-driven decisions in real time.

Overall, Tableau stands out as an essential tool in modern data analytics due to its flexibility, speed, and effectiveness in presenting complex data in a visually appealing and comprehensible format.

BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY:HYDERABAD

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE, Affiliated to JNTUH, NAAC Accredited; NBA Accredited for UG Programmes: CSE, ECE), Hyderabad-501510

A Hand's on Workshop on
Data Visualization using Tableau

 **28-29 April, 2025**  **10.00am - 4.00pm**  **O-Block**

Presented By:
Dr. Velmurugan. P

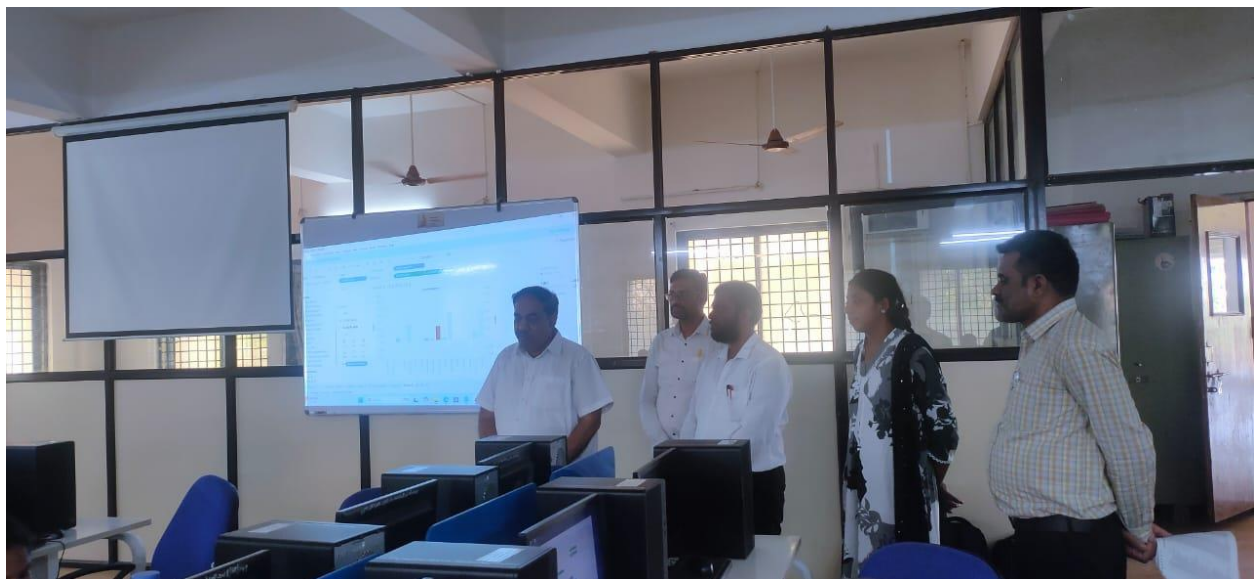
Event Co-ordinators
Dr. CH. Rama Prakasha Reddy
Assistant Professor, CSE-BIET
Ms A.Soniya
Assistant Professor ECE-BIET

Dept. Incharges
Dr. Deepak
Assistant Professor, CSE-BIET
Ms Y. Sailaja
Assistant Professor, IT-BIET



In the presence of
Sri Ch. Venugopal Reddy
Hon'ble Chairman, BIET
Prof. G. Kumaraswamy Rao
Director (R&D), BIET
(Former Director & O.S. of DLR Ministry of Defence)
Dr. V. Srinivasa Rao
Dean, CSE - BIET

Organized by: Department of CSE, IT & DS



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