



Kammavari Sangham (R) 1952
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K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

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Event name : Data Science careers awareness workshop

Date of Event : 03-03-25 & 04-03-2025

Venue : Architecture Seminar Hall

Number of participants : 360

Targeted Audience : IV Semester, Dept. of AI & DS, CS & BS, CSE & ECE

Objective : To equip students with practical data analytics and visualization skills using industry -satandard tools like SQL and Power BI.

Department of **Artificial Intelligence and Data Science** in association with **CS & BS** , **CSE** and **ECE** organized a workshop on “**Data Science careers awareness**” focusing on **Data Analytics** regarding career opportunities within the field of data science and the necessary skills for success. It was conducted by **CampusGrad**.

Workshop Objectives:

The Workshop on “**Data Science careers awareness**” was to equip students with a foundational understanding of **Data Analytics and Artificial Intelligence**, focusing primarily on **data analytics**. The workshop introduced participants to essential tools and technologies widely used in the industry, helping them understand how data is collected, processed, analyzed, and visualized to drive meaningful insights.

Students were introduced to **Power BI, SQL, Excel, pandas, NumPy, Matplotlib, and Python**, which are crucial for data manipulation, visualization, and business intelligence. **Power BI** was explored for interactive dashboards and reports, while **SQL** was introduced for database management and querying structured data. **Excel** was covered for its analytical capabilities, including data cleaning and visualization. **Python, pandas, and NumPy** were discussed as essential tools for handling large datasets and performing numerical operations. **Matplotlib** was used for creating effective data visualizations.



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Beyond technical skills, the workshop provided insights into various job roles, including **Data Analyst, Data Scientist, Business Intelligence (BI) Analyst, Machine Learning Engineer, and Deep Learning Engineer**. Through discussions, students gained practical exposure to real-world data analytics workflows. By the end of the workshop, participants developed a clear understanding of how data analytics is applied in industries and the career opportunities available in this domain.

The inclusion of real-life examples and case studies facilitated a deeper understanding of the topics for the students, while also enhancing the interactivity and engagement of the session.

Resource Person:

Mr. Gaurav Singh, Co-Founder of CampusGrad, has over **15 years of experience in Data Analytics**. With a passion for teaching, he has conducted **2000+ hours of training**, helping students and professionals enhance their analytical skills.

Mr. Varun Mishra, a leading web developer, has over 18 years of experience in **Computer Science and Cloud Computing**. He specializes in **cloud computing and web technologies** related to **computer science**.

Feedback:

The workshop was **informative and engaging**. Students appreciated insights into **data analytics careers**, making the session highly valuable and motivating.

Glimpses of Workshop:





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