Department of Computer Science & Engineering

Workshop on "Data Visualization Through PowerBi" by Mr. Siddharth Thakre and Ahfaz Sheikh

The Department of Computer Science & Engineering of G H Raisoni College of Engineering and Management, organized 2 days' workshop on "**Dashboard Creation in Power BI**" for students of the 5th semester (CSE & IT). Total 197 students attended and benefited.

Mr. Siddharth Thakre and Mr. Ahfaz Sheikh from IT Consultant, Royals Webtech Pvt. Ltd, Nagpur, was the expert for the workshop. The experts introduced the students to the fundamentals of **Data Visualization and Business Intelligence** using Microsoft Power BI. They explained the importance of data visualization in understanding complex datasets and making data-driven decisions.

The experts provided detailed hands-on guidance on the **Power BI interface, data import, data cleaning and transformation using Power Query, and data modelling**. Students learned how to import data from Excel/CSV files and prepare the dataset for analysis. They were also introduced to the creation of a **Calendar table using DAX** and the use of basic DAX functions for data analysis.

A major focus of the workshop was on **Dashboard Creation in Power BI**. Students worked with a real-world dataset and developed an interactive dashboard by combining multiple visualizations. They learned how to select appropriate visualization techniques according to the type of data and how to arrange and format the visuals to create an effective and user-friendly dashboard.

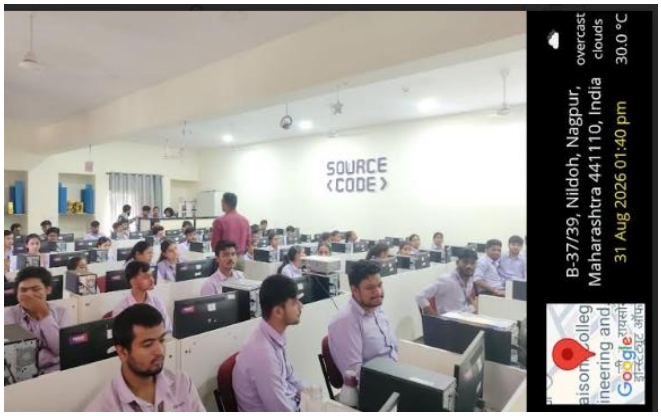
The expert lecture concluded with an interactive **question-answering and hands-on discussion**, during which the experts responded to the issues and queries raised by the students. Students actively participated in the practical activities and gained valuable knowledge and skills in **data analysis, visualization, DAX, Power Query, and dashboard development**. Students expressed their interest in attending more such hands-on sessions and requested similar workshops in the future.

The workshop was coordinated by Mrs. Hemlata Kosare, Assistant Professor, CSE department under the guidance of Dr. Sonali Ridhorkar, HOD CSE. The Program was organized with the constant support of Dr. Vivek Kapur, Campus Director, GHRCEM, Nagpur and Dr. Achal Shahare, Director of GHRCEM, Nagpur.

GH raisoni COLLEGE
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Glimpses of Workshop on "Data Visualization Through Power BI"

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