



NEW HORIZON COLLEGE OF ENGINEERING

Department of Computer Science & Engineering

REPORT ON GUEST TALK

Title of the Event: Next Gen Integrated Data Analytics and Visualisation Framework

Organized By: Department of Computer Science and Engineering, Computer Society of India (CSI)

Date and Time: 23 May 2026, 03:00 PM to 06:00 PM

Mode of Conduct: Online Mode

Target Audience: 6th Semester Students

Resource Person: Mrs. Soumya Sandesh Manocharya

The session commenced at 03:00 PM with a formal welcome address by the coordinators. The resource person, Mrs. Soumya Sandesh Manocharya, was introduced to the participants along with her professional achievements and industrial experience. The event was successfully planned and executed by the Department of Computer Science and Engineering in association with the CSI Student Chapter. Prior to the event, the organizing team coordinated the scheduling, online platform arrangements, poster circulation, and student communication.

The Guest talk was delivered by Mrs. Soumya Sandesh Manocharya, a Microsoft Certified (PL-300) Data Analyst associated with Zepto and Flipkart. The session focused on modern trends, tools, technologies, and practical industrial applications related to data analytics and business intelligence. The session aimed to bridge the gap between academic learning and industrial practices by introducing students to real-world analytics frameworks and business intelligence applications. The session explored various visualization techniques that support effective decision-making and highlighted the practical applications of analytics tools used across different business domains. It also enhanced students' awareness about career opportunities in the field of data analytics and business intelligence. During the session, the resource person explained the importance of integrated data analytics frameworks and how organizations utilize analytics tools for effective decision-making. She discussed various technologies and visualization platforms used for interpreting business data and generating actionable insights.

The speaker demonstrated how analytics and visualization techniques help organizations manage large volumes of data efficiently. Real-time examples from industries were discussed to help students

understand practical implementation strategies. The session also highlighted the importance of dashboards, reports, business intelligence tools, and data storytelling techniques in organizations.

Students actively participated throughout the event by asking questions and interacting with the resource person. The session was highly interactive and informative. The speaker also guided students regarding certification opportunities, industry expectations, and career prospects in the field of data analytics.

The following topics were discussed during the expert talk:

- Introduction to Data Analytics
- Integrated Analytics Frameworks
- Data Visualization Techniques
- Dashboard Development Concepts
- Business Intelligence Applications
- Real-Time Data Interpretation
- Industrial Use Cases in Analytics
- Data-Driven Decision Making
- Career Opportunities in Analytics
- Industry Certifications and Expectations

The participants provided positive feedback regarding the Guest talk. Students appreciated the interactive nature of the session, the practical examples shared by the speaker, and the industrial insights provided during the event. The session was considered highly informative, engaging, and beneficial for both academic and career development.

The session served as an excellent platform for students to gain industry-oriented knowledge and understand the practical applications of analytics and visualization technologies.

The event achieved its objectives by providing meaningful insights into modern data analytics frameworks, visualization techniques, and industrial practices. Overall, the session was highly beneficial and contributed significantly to the academic and professional development of the students.

Glimpse of the Event:

