



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### REPORT

**Name of the Event:** Expert Talk on: Insights, Concepts, and Tools - Data Analytics with R Programming

**Event Date:** 05/11/2025

**Speaker Details:** Dr. Shiju George, Associate Professor, Dept. of AI, ML & DS, Christ University, SoET, Kengeri Campus, Bengaluru.

**Venue:** Falconry Seminar Hall (A-Block).

**Audience:** NHCE 7<sup>th</sup>-semester students from various branches.

#### **Gist of the Event:**

The session began with a cordial welcome to the guest speaker, Dr. Shiju George, followed by an engaging introduction to the theme - Data Analytics with R Programming. Dr. George emphasised the importance of R as a versatile tool for statistical analysis and data-driven decision-making. He provided a detailed overview of both fundamental and advanced concepts in R programming. The session was designed to give students practical exposure to real-time applications of data analytics. To promote experiential learning, Dr. George grouped students in teams of four and assigned scenario-based tasks. These tasks simulated real-world data challenges and were carried out in the laboratory.

Students participated enthusiastically in hands-on exercises, applying R programming techniques to address analytical problems. The interactive format fostered collaboration, critical thinking, and problem-solving skills among participants. Dr. George guided the students through data manipulation, visualisation, and interpretation using R, underlining the relevance of these competencies in academic research and industry contexts. The session also provided a platform for students to understand the interdisciplinary scope of data analytics.

Towards the conclusion, Dr. George presented a set of research problem statements to inspire further inquiry. These were aimed at both students and faculty, encouraging deeper engagement with data science and analytics. The event concluded with a vote of thanks, appreciating Dr. George's invaluable contribution. Overall, the talk effectively connected theoretical knowledge with practical application, enhancing participants' understanding of data analytics through R.



**Resource person delivering the session**



**NHCE faculties and students**

**Coordinator(s)**

**HoD**