

Guest Lecture from the
Department of Computer Science & Engineering

An Autonomous Institute

Affiliated to Visvesvaraya Technological University, Belagavi

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A Report on Guest Lecture on R Language

Date of the event	15/05/2023
Title of the Event	Guest Lecture On R Language
Organized by	Department of Computer Science and Engineering MVJCE, Bangalore

The Department of Computer Science and Engineering organized an event entitled. The event was Guest Lecture On “R Language” conducted in “M.V Jayaraman Auditorium”. The event started at 10:30 am and concluded at 12.30 pm. Total 300 students from all the 6th semesters of Dept. of Computer Science and Engineering and Artificial Intelligence were participated in this event.

Chief guest Murugadoss

Big data trainer, Technical evangelist experience of supporting the research and development of new products and applications, the promotion of existing products, and the investigation of new applications for existing products. Team-orientated professional who works effectively with all levels of employees in cross-functional teams. He had explained basics of R programming and Python programming.



Figure 1: Chief Guest Honouring by HOD/CSE

This is an introduction to R designed for participants with no programming experience. He started with some basic information about R syntax, the R Studio interface, and move through how to import CSV files, the structure of data frames, how to deal with factors, how to add/remove rows and columns, how to calculate summary statistics from a data frame, and a brief introduction to plotting. The last lesson demonstrated how to work with databases directly from R.



Figure 2: Students participants from CSE and AIML department

R analytics (or R programming language) is free, open-source software used for all kinds of data science, statistics, and visualization projects. R programming language is powerful, versatile, and able to be integrated into BI platforms like Sisense, to help you get the most out of business-critical data. These integrations include everything from statistical functions to predictive models, such as linear regression. R also allows you to build and run statistical models using Science data, automatically updating these as new information flows into the model.

Faculty Coordinator of the event:

Dr.I.Ambika, Associate Professor/CSE

Outcome of the Event:

After the successful completion of Guest Lecture, student's participants

- Learnt basic R Language
- Learnt to perform data visualization
- Learnt data manipulation techniques using R
- Learnt how to do basic statistical analysis using R

Event Co-ordinator

HOD