



K L Academic Staff College in association with **Centre for Data Analytics (CDA)**, **KL University Business School** organised one-day workshop on **Data Analysis with R Programming** on 28th Nov, 2018. **Dr. D.Srinivasa Rao**, Professor in Business Analytics and in-charge for Centre for Data Analytics, KLUBS was the resource person. ____ faculty members from various departments have registered and attended the workshop.

Objectives of the workshop as follow:

At the end of the workshop the participants will be able to:

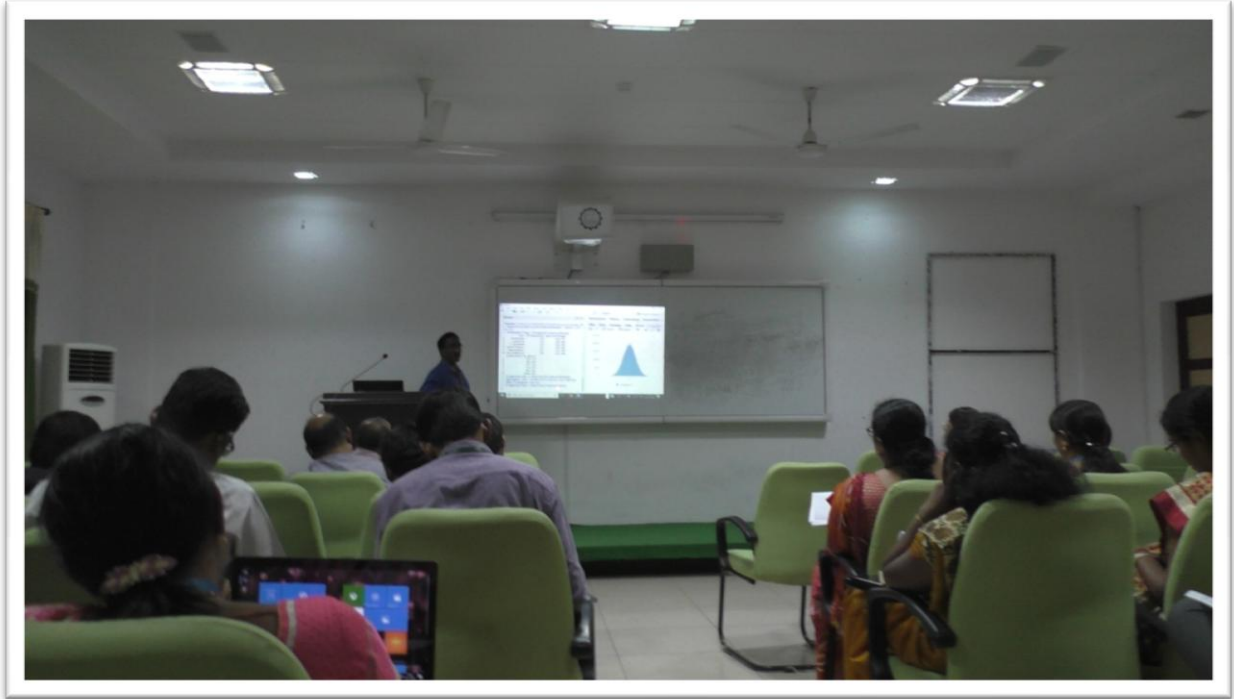
- Get familiar with DataTypes
- Understand the various data structures in R
- Perform basic descriptive analysis with R
- Learn Data Visualization with R
- Learn basics hypothesis testing procedures in R

Data Analysis is an important component of scientific research. Application of appropriate statistical techniques and software to data is crucial for data analysis. R programming is considered to be the **Golden Standard in Data Analysis** in academic community across the world and its flexibility is arguably unmatched by any other statistics program. The proposed workshop is primarily meant for the faculty and the Doctoral Scholars at KLU. The workshop is aimed at helping the participants to improve their analytical skills by applying various statistical techniques using R programming.

The resource person **Dr. D. Srinivasa Rao** highlighted the following topics during introduction to Data Analysis, Data and types besides dealing with Data Analysis: its concept, Process and Types. He also introduced R and its advantages. Later he explained about Installing R and R Studio, CRAN, R Base, R Studio and R Packages.

Further he explained the Basics of R, Operators in R, Data structures in R, Basic Functions in R. and Statistical Functions in R. He outlined Descriptive Data Analysis with R Case study. Later he discussed Confirmative Data Analysis with R and later he discussed R-Programming with Case Study.

The resource person **Dr. R. Srinivasa Rao** was appreciated by **Dr. V. Rajesh**, Principal, ASC, **Dr. B. Siva Nagaiah**, Vice Principal, ASC for conducting the workshop to the satisfaction of the participants. The participation certificates were distributed at the end of the workshop.





Group Photo of the Participants and Distribution of Certificates



