

**Centre for Statistics  
SRM Institute of Science and Technology**

**Workshop on Business Statistics for Decision Making**

**About the Course**

This workshop will enable the participants to perform basic analysis of their own data, and to interpret, predict, communicate and publish the results.

The main focus of the course will be on both descriptive and inferential statistical techniques, with emphasis on selection of appropriate application and interpretation of results.

**The objectives of this workshop is to:**

- Equip learners with the core statistical knowledge from a management point of view;
- Help learners in exploring the applications of statistics in management studies;
- Provide the knowledge and hands-on training in statistical software.

**Course Content**

- Descriptive Statistics
  - Types of data, Measures of Central tendency, Measures of dispersion
- Sampling Methods
  - Overview and types of sampling techniques
  - Sample size determination.
- Statistical Inference I
  - Testing of proportions
  - Confidence interval, P- Value and its importance
- Statistical Inference II
  - Testing of Means-single and double
- ANOVA and Chi-square analysis
- Correlation and Regression analysis

**Course Date:**

27<sup>th</sup> September 2021 – 01<sup>st</sup> September 2021

**Participant Fee**

1000 INR/Person

**Co-ordinator**

Dr. M. Bagavandas (Head)

**Course Instructors**

Mr. G. Saravanan

Mr. V. Raghul Gandhi

**No of Participants: 04**