

## Centre for Statistics

### SRM Institute of Science and Technology

#### Workshop on Basic Statistics Using SPSS (Trial Version)

This workshop provides statistical training for those who wish to acquire theoretical and practical knowledge in basic statistics. At the end of the workshop, participants will understand how to analyse and interpret the basic statistical techniques using SPSS (Trial Version).

The following topics will be covered during the course:

| Day   | Date       | Course Content   |
|-------|------------|--|
| Day-1 | 14.11.2022 | <b>Descriptive Statistics</b><br>Types of data, Measures of Central tendency, Measures of dispersion.                                |
| Day-2 | 15.11.2022 | <b>Sampling Methods</b><br>Overview and types of sampling techniques<br>Sample size determination.                                   |
| Day-3 | 16.11.2022 | <b>Statistical Inference (Estimation)</b><br>Estimation of mean and proportions,<br>Confidence interval, P-Value and its importance. |
| Day-4 | 17.11.2022 | <b>Statistical Inference II (Testing)</b><br>Test of hypothesis<br>ANOVA and Chi-square analysis                                     |
| Day-5 | 18.11.2022 | <b>Correlation and Regression analysis</b>   |

#### Course Date

14th Nov 2022 – 18th Nov 2022

#### Venue

SRM Main Campus, Mechanical A block

#### Participant Fee

1000 INR/Person

#### Course Coordinator

Prof. M. Bagavandas, Head, Centre for Statistics will be the lead faculty for managing the sessions.

#### Course Instructors

Mr. A. Ramajayam

Mr. Aravinth K R

Mr. G. Saravanan

Ms. Jothishmathi A S

Mr. V. Raghul Gandhi

**No of Participants: 38**

**Workshop Photo:**

