

**Centre for Statistics**  
**SRM Institute of Science and Technology**  
**Workshop on Basic Statistics for Research**

**Overview**

This workshop provides statistical training for those who wish to acquire theoretical and practical knowledge in basic statistics for Research. 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:

<b>Day</b>	<b>Date</b>	<b>Course Content</b>
<b>Day-1</b>	<b>28.08.2023</b>	<b>Descriptive Statistics</b> Types of data, Measures of Central tendency, Measures of dispersion.
<b>Day-2</b>	<b>29.08.2023</b>	<b>Sampling Methods</b> Overview and types of sampling techniques Sample size determination.
<b>Day-3</b>	<b>30.08.2023</b>	<b>Statistical Inference (Estimation)</b> Estimation of mean and proportions, Confidence interval, P-Value and its importance.
<b>Day-4</b>	<b>31.08.2023</b>	<b>Statistical Inference II (Testing)</b> Test of hypothesis ANOVA and Chi-square analysis
<b>Day-5</b>	<b>01.09.2023</b>	<b>Correlation and Regression analysis</b> Types and Interpretation

**Prerequisite:** The SPSS software/trial version must be installed in your system.

**Course Date**

28th August 2023 – 01<sup>st</sup> September 2023

**Participant Fee**

1500 INR/Person

**Co-ordinator**

Dr. M. Bagavandas (Head)

**Course Instructors**

Mr. A. Ramajayam

Mr. Aravinth KR

**No of Participants: 23**

**Workshop photo:**



