

# Workshop on SPSS Essentials: Your Guide to Data Analysis Mastery, 2024

## Date and Venue

**Date:** 29-30<sup>th</sup> August, 2024: Day 1 & 2: 09:00 - 16:30 hrs

**Venue:** Lecture Hall-1, First Floor, Building No.- 4, Symbiosis Medical College for Women, SIU, Lavale, Pune- 412115.

**Organised by:** Department of Community Medicine, Symbiosis Medical College for Women, Lavale, Pune in collaboration with Symbiosis Teaching Learning Resource Centre.

## Overview

The Statistical Package for Social Science (SPSS) training programme is conducted through a hands on experience. This course is designed to acquaint the researchers about the tools, techniques and practices of SPSS. It was organized by the Department of Community Medicine, Symbiosis Medical College for Women, Lavale, Pune in collaboration with Symbiosis Teaching Learning Resource Centre. The aim of this SPSS (Statistical Package for Social Science) training programme is to update the analytical skills and knowledge among the healthcare professionals, and the researchers about SPSS statistical packages and to render the usefulness of SPSS in increasing academic research performance.

**Objectives:** The main objectives of the training workshop are,

- » To update the analytical skills and knowledge among the healthcare professionals, and researchers.
- » To render the usefulness of SPSS in increasing academic research performance through the tools, techniques and practices.
- » To enable the researcher to make better analysis and presentation of the data.

## Detailed Execution

### Workshop Day 1

**Resource person 1** Dr. Jitendra Gupta, Assistant Professor, Department of Community Medicine, SMCW, Lavale, Pune

**Topic covered** The lectures/hands on delivered through presentation, and SPSS software followed by practice session, covered following key points;  
» Installation and Introduction of SPSS  
» Reading and manipulation of data (recode, transform etc.)

**Resource person 2** Dr. Mohd Usman, Assistant Professor, Department of Community Medicine, SMCW, Lavale, Pune

**Topic covered** The lectures/hands on delivered through presentation, and SPSS software followed by practice session, covered following key points;  
» Data entry and file creation in SPSS

## **Workshop Day 2**

**Resource person 1** Dr. Jitendra Gupta, Assistant Professor, Department of Community Medicine, SMCW, Lavale, Pune

**Topic covered** The lectures/hands on delivered through presentation, and SPSS software followed by practice session, covered following key points;

- » SPSS procedure for descriptive statistics like Mean, Median, Mode, Univariate, Bi-variate and Charts & Graphs
- » Scatter plot and Correlation

**Resource person 2** Dr. Mohd Usman, Assistant Professor, Department of Community Medicine, SMCW, Lavale, Pune

**Topic covered** The lectures/hands on delivered through presentation, and SPSS software followed by practice session, covered following key points;

- » Application of Chi-square test for categorical variables
- » Application of t-test for quantitative data
- » Analysis of variance (ANOVA)

**Informational Materials:** The following materials were used in execution;

- » SPSS trial version 29.0 was provided to all participants.
- » MS Office- MS word, MS Power point presentation and MS excel.
- » All participants were bringing their own Laptop with running internet and MS Excel must be installed for practice but SPSS has not been previously installed.

## **Conclusion**

This program has huge and has many layers making it interesting and challenging to evaluate the statistical tools. This program was conducted with valuable information that educated and encouraged health professionals and researchers to performed analytical tools and hands on about SPSS statistical packages and to render the usefulness of SPSS in increasing academic research performance. The positive response from the participants highlighted the success of the session and the ongoing need for such hands on program. The continuous efforts in this direction will contribute significantly to the noble cause of research development in the institute.

**Important Photos for Workshop SPSS Essentials: Your Guide to Data Analysis Mastery, 2024**





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GPQH+Q85, Lavale, Maharashtra 412115, India  
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Long 73.728816°  
29/08/24 11:18 AM GMT +05:30

GPS Map Camera



Organizer and Participants of Workshop "SPSS Essentials: Your Guide to Data Analysis Mastery 2024"

