LOYOLA COLLEGE (AUTONOMOUS)

College of excellence

DEPARTMENT OF B.COM COMPUTER APPLICATIONS

Cordially invites you to

A WORKSHOP ON THE

PRACTICAL APPLICATIONS OF SPSS IN SOCIAL SCIENCE AND BUSINESS RESEARCH



Dr. B. CHINNA MUTHU

DATE
03-07-2026

TIME
9:00 AM - 1:30 PM

VENUE
CELL 9

PARTICIPANTS
III YEAR STUDENTS

ORGANISER
DR. MARIA SELVI S

DR. CHARLES
DIRECTOR

DR. SHENEELA G.C
CO-ORDINATOR

LOYOLA COLLEGE (AUTONOMOUS)

DEPARTMENT OF B.COM COMPUTER APPLICATIONS

WORKSHOP ON PRACTICAL APPLICATIONS OF SPSS IN SOCIAL SCIENCE AND BUSINESS RESEARCH

Date: 3rd July 2026 Host: Dr. Maria Selvi S

Time: 9:00 AM - 1:30 PM Place: CEL 9

Resource Person: Dr. B. Chinna Muthu

Participants: III Year B.Com Computer Applications

Director: Dr. J. A. Charles Coordinator: Dr. Sheneela G C

President: Prof. A. Delphine Valarina Vice President: Prof. Immaculate Cynthia A

Asst. Prof : Dr. Maria Selvi S

OBJECTIVES OF THE SESSION

The workshop on "Practical Applications of SPSS in Social Science and Business Research" was organized to equip III Year B.Com (Computer Applications) students with hands-on proficiency in the Statistical Package for the Social Sciences (SPSS) and to strengthen their understanding of its application in academic and business research.

The session specifically aimed to:

- Introduce students to the Statistical Package for the Social Sciences (SPSS) and its practical applications in research.
- Familiarize students with data entry, coding of variables, and data cleaning procedures in SPSS.
- Develop students' understanding of descriptive statistics and their interpretation.

- Introduce students to hypothesis testing, correlation, and regression techniques using SPSS.
- Enable students to interpret SPSS output accurately in the context of research findings.
- Demonstrate the application of SPSS in social science and business research.
- Strengthen students' analytical and data interpretation skills for academic projects and research.
- Provide students with hands-on, practice-based exposure to statistical research tools.



ABOUT THE SESSION

The Department of B.Com (Computer Applications), Loyola College (Autonomous), organized a workshop on "Practical Applications of SPSS in Social Science and Business Research" on 3rd July 2026, from 9:00 AM to 1:30 PM, at CEL 9. The workshop was organized by Dr. Maria Selvi S for the III Year B.Com (Computer Applications) students.

The resource person, Dr. B. Chinna Muthu, conducted an engaging and hands-on session on the practical use of SPSS in research. The session covered data entry, coding of variables, data

cleaning, descriptive statistics, hypothesis testing, correlation, regression, and the interpretation of SPSS output.

Students were also introduced to the application of SPSS in social science and business research, enabling them to understand how statistical tools support evidence-based decision-making in academic and professional contexts.

The workshop was highly interactive, with students actively participating in practical exercises and clarifying their research-related queries. This hands-on approach allowed students to directly apply the concepts covered and gain practical familiarity with the software.

The session significantly enhanced students' analytical and data interpretation skills, preparing them for academic projects and future research endeavours. By combining theoretical explanation with practical exercises, the workshop gave students a well-rounded understanding of statistical analysis using SPSS.

The Department expressed its sincere gratitude to Dr. B. Chinna Muthu for sharing his expertise and making the workshop informative and impactful. Appreciation was also extended to all the participants for their support in making the workshop a great success.



OUTCOMES OF THE SESSION

The workshop successfully contributed to students' academic, analytical, and research-related development. The key outcomes included:

- Students gained hands-on proficiency in using SPSS for statistical analysis.
- Students developed an understanding of data entry, coding, and data cleaning procedures.
- Students strengthened their ability to compute and interpret descriptive statistics.
- Students gained practical exposure to hypothesis testing, correlation, and regression techniques.
- Students improved their ability to interpret SPSS output in the context of research findings.
- Students developed an understanding of how SPSS is applied in social science and business research.
- Students strengthened their analytical and data interpretation skills relevant to academic projects.
- Students gained confidence in applying statistical tools to support research and evidence-based decision-making.

OVERALL ASSESSMENT

The Workshop on Practical Applications of SPSS in Social Science and Business Research served as a meaningful academic and developmental initiative of the Department of B.Com (Computer Applications). The programme complemented classroom learning by providing students with an opportunity to develop relevant knowledge, practical abilities, confidence, and broader awareness of statistical research tools. The initiative reflected the Department's continued emphasis on student-centred learning, holistic development, continuous improvement, and meaningful engagement beyond the regular classroom.

Co-Ordinator Of B.Com (CA)

Dr Sheneela G C