

IMMACULATE COLLEGE FOR WOMEN

DEPARTMENT OF MATHEMATICS

REPORT FOR SHORT TERM COURSE - SPSS STATISTICAL TOOLS

A short term course – SPSS Statistical Tools had been conducted in all Friday's from 03.02.2023 to 24.03.2023 for II year B.Sc mathematics students. Totally 24 students attended and benefitted by the course.

This course had been handled by Ms.F. Patricia, AP/Math and Ms.R. Vijayalakshmi, AP/Math. The students were taught how to install the SPSS package and what are the requirements of PC to install it. The uses and the scope of SPSS package were said to the students as motivation. The following is the detail of topics taken on each day.

DATE	TOPIC
03.02.2023	Overview of Statistics, Probability Theory, Descriptive Statistics
10.02.2023	Sampling Methods, Data Visualization, Inferential Statistics
17.02.2023	Analysis Of Variance, Regression Analysis, Non Parametric Tests
24.02.2023	Time-Series Analysis, Multivariate Analysis, Simulation and Modeling
03.03.2023	Design of Experiments, Data mining, Machine Learning

10.03.2023	Introduction of software packages, Using statistical software, Exporting and sharing results
17.03.2023	Business statistics, Social Sciences, Biostatistics, Engineering and technology
24.03.2023	<u>Project</u> Independent study, Develop and implement a statistical analysis plan, Present results and conclusions

The photo copy of issued certificate

