REPORT OF THE 2-DAY WORKSHOP ON "STATISTICAL METHODS IN RESEARCH AND DATA ANALYSIS USING SPSS" CONDUCTED BY THE DEPARTMENT OF STATISTICS, GOVT. ARTS & SCIENCE COLLEGE, KOZHIKODE ON 10TH AND 11TH MARCH 2020.

The Department of Statistics conducted a Two day workshop on **Statistical Methods in Research and Data Analysis using SPSS** on 10th and 11th March 2020. The workshop was funded by Department of Science and Technology (**DST**) -Science and Engineering Research Board, Govt. of India as a part of **Scientific Social Responsibility** (SSR) policy associated with major research project

Registrar, Dr. C. L. Joshy, University of Calicut inaugurated the workshop. Workshop sessions are handled by **Dr. N. Raju,** Professor (Rtd.) Department of Statistics, University of Calicut and **Dr. Nidhin K**, Assistant Professor, Govt. Arts and Science College Calicut. 33 faculty members and 30 students attended the workshop.

Dr. C. L. Joshy, Registrar, University of Calicut inaugurating the workshop on 10.03.2020

About the workshop

Data Analysis using tools of Statistics is essential in any field of study. Faculty members, researchers and management students find Data Analysis as an integral part of their research. Biomedical research, including study planning, experimental design, sample size and power determination, data collection, data analyses and interpretation require statistical support. *SPSS* is flexible software for analysing data and running statistical tests. The main objective of the workshop is to give practical training in SPSS to the faculty members of neighboring colleges, research scholars and PG students.

The Workshop was funded by Department of Science and Technology (**DST**) - Science and Engineering Research Board, Govt. of India as part of the **Scientific Social Responsibility** (SSR) policy, associated with the Major Research Project of Dr. Bindu P. P. This workshop is intended to equip participants with advance level of data analysis using SPSS to produce best quality research and contribute to evidence based policies and practices. The workshop covered all relevant aspects of statistical data analysis such as estimation and testing, correlation and regression, logistic regression, factor analysis, Cluster Analysis & Discriminant Analysis, etc. The participants got working knowledge in how to analyze the data, interpret and report findings/results. Complete sessions were conducted in hands-on training.