

## **M.Sc. Statistics Programmes**

### **Programme Outcomes**

PO1: The students will gain knowledge in the concepts of statistical methods and models

PO2: The students will be trained for data collection on various fields of survey enabling them to classify and analyze them statistically

PO3: Students will be familiarized in C++ and R programming languages and various statistical softwares

PO4: The students will be able to solve any problems in data relating to industrial applications to maintain the quality and improvement of the manufactured product

PO5: The students will be able to formulate any kind of design problems for application in the field of laboratory and agricultural field experiments

### **Programme Specific Outcomes**

At the end of the programme, the student will be able to

PSO1: Understand mathematical statistical and computer software concepts

PSO2: Prepare programs using the C++ and R languages

PSO3: Utilize the appropriate distributions on their problems, applying probability in real life problems and able to estimate the parameters based on the knowledge gained

PSO4: Apply various multivariate data analyses using statistical softwares

PSO5: Apply SQC techniques which will be faced in industrial applications

PSO6: Analyze the data on agriculture field experiments using various types of designs they learned