Statistics PSO's

Program Specific Outcomes (PSOs)

On Successful completion of the B.Sc statistics program, the students are expected to

- PSO1 – Apply the concepts, principles and methods of statistics to various fields of study
- PSO2 – Understand the importance and value of statistical principles and convert a problem description into testable research hypotheses.
- PSO3 – Select appropriate statistical tools to investigate a research hypothesis.
- PSO4 – Perform data analysis by apply appropriate statistical methodology and interpret result in a variety of settings.
- PSO5 – Compute statistical measures using software and programs.
- PSO6 – Apply likelihood principles and calculus to drive fundamental results in probability, estimation and hypothesis testing.
- PSO7 – Select standard experiment design, with consideration of selection process, data collection, issues of bias, causality and confounding, based on specifications of a scientific study.
- PSO8 – Write code to extract and reformat real data and to utilize statistical programming environments.
- PSO9 – Acquire skills to write competitive examinations and get opportunities for job placements in various sectors.