

# UNDERGRADUATE PROGRAMME SPECIFIC OUTCOMES

## Name of the Programme: B.A. Statistics

PSO1	At the end of B.A. Statistics programme, Students are able: To apply various continuous probability distributions in real life situations.
PSO2	To apply the appropriate probability model that can be used in real life.
PSO3	To solve the real life situation by using various techniques of Operations Research.
PSO4	To test various hypotheses of significance like means, proportions, independence of attributes, variance etc. included in theory (using calculators, software).
PSO5	To apply the statistical tools in the field of design of experiments, estimations, operations research, etc.
PSO6	To conduct research project by using real field survey based on Statistics.
PSO7	To set the model for population growth, epidemiology, design and analyse clinical trial data.
PSO8	To estimate various effects occurs in time series data using regression analysis.
PSO9	To analyse real life time series data related to Economics, Commerce, Weather etc.
PSO10	To analyse data with suitable software and interpret results.
PSO11	To apply data cleaning tools and data mining process.
PSO12	To apply various types of classification techniques.
PSO13	To apply Artificial Neural Network (ANN) and Support Vector Machine (SVM) in real life.
PSO14	To solve the problems of replacement theory, inventory, decision theory, game theory and sequencing.