

Course Outcome
B.Sc. Statistics (General/ Programme)

Course & Semester	Course Code & Credit	Course Title	Course Outcome
Core Course (CC) Semester-I	STATGCC-1A & 4 credit	Statistical Methods	After completion of the course the learners will be able to deal with different representations, analyses and interpretations of statistical data, at least at a primary level.
Core Course (CC) Semester-II	STATGCC-1B & 4 credit	Introductory Probability	After completion of the course the learners will be able to grasp the theory of probability and distributions that are useful in drawing inferences from statistical data.
Core Course (CC) Semester-III	STATGCC-1C & 4 credit	Basics of Statistical Inference	After completion of the course the learners will be able to know how inferences e.g. statistical estimation and hypothesis testing are carried out for different types of data.
Skill Enhancement Course (SEC) Semester-III	STATGSEC-1B & 2 credit	MS-EXCEL	After completion of the course the learners will be able to know about basic EXCEL commands and how they are used for statistical analysis of data.
Core Course (CC) Semester-IV	STATGCC-1D & 4 credit	Applied Statistics	After completion of the course the learners will be able to know different applications of statistics in economy, time series, industrial statistics, demography etc.
Skill Enhancement Course (SEC) Semester-IV	STATGSEC-1B & 2 credit	Monte Carlo Method	After completion of the course the learners will be able to be acquainted with different simulation techniques useful in real situations.
DSE Course Semester-V	STATGDSE-1A & 4 credit	Statistical Quality Control	After completion of the course the learners will be able to know how statistical techniques are used in

			industries for maintaining quality of product.
DSE Course Semester-V	STATGDSE-1A & 4 credit	Operations Research	Operation research often aims to find optimal solutions to complex decision-making problems. These solutions can help organizations maximize profits, minimize costs, optimize resource allocation, or achieve other objectives. For these students learn various useful optimization techniques in the field of transportation, inventories etc.
Skill Enhancement Course (SEC) Semester-V	STATGSEC-1C & 2 credit	MINITAB	After completion of the course the learners will be able to learn computations in connection with basic statistical techniques through this software.
DSE Course Semester-VI	STATGDSE-1B & 4 credit	Survival Analysis	The students will be able to know different distributions useful in life-testing, survivorship, epidemiology etc. Students will also learn how different functions relating to the above are estimated.
DSE Course Semester-VI	STATGDSE-1B & 4 credit	Actuarial Statistics	The students will be able to learn how statistical techniques are used in insurance applications. They will know how premium rates, annuities etc. are calculated.
Skill Enhancement Course (SEC) Semester-VI	STATGSEC-1D & 2 credit	Research Methodology	After completion of the course the learners will be able to know what are the different stages of research, how a good research work is conducted, how statistical data analyses are done and incorporated in the thesis etc.