

Progressive Education Society's
Modern College of Arts, Science and Commerce (Autonomous),
Shivajinagar, Pune – 411005

Department of Statistics

Program Specific Outcomes (PSOs)

Program: B. Sc. Statistics

After successful completion of B. Sc. Statistics program, the student will be able to:

PSO No.	Program Specific Outcomes
PSO1	Knowledge or Academic Expertise: <ul style="list-style-type: none">i. understand basic concepts of data and its types, summary statisticsii. do exploratory analysis of dataiii. fit probability modelsiv. apply point and interval estimation and testing of hypothesis techniques to real life datav. apply statistical tools like regression theory, design of experiment, operations research, actuarial statistics etc.
PSO2	Inquisitive learner or involved in lifelong learning: <ul style="list-style-type: none">i. identify real life problems in which data are collected, analyzed and problem can be solved in an objective manner.
PSO3	Social Competence: <ul style="list-style-type: none">i. solve problems of social interest through collection, analysis and interpretation of relevant data.
PSO4	Effective Communication: <ul style="list-style-type: none">i. communicate effectively statistical problems and their solutions in layman's language.
PSO5	Environmental Awareness: <ul style="list-style-type: none">i. understand environmental problems and give solutions in an objective way.
PSO6	Digital Competence: <ul style="list-style-type: none">i. use various software like R, MS Office for data analysis, write code in C language for a given problem.
PSO7	Experiential Learning: <ul style="list-style-type: none">i. do sample and census surveys and collect primary data, apply statistical techniques for analysis of data.
PSO8	Ethical Values: <ul style="list-style-type: none">i. avoid misuse and manipulation of data

	ii. joint responsibility of problems and solutions.
PSO9	Stress Management: i. manage stress with the help of logical and analytical skills that are developed throughout the course.
PSO10	Extramural Skills: i. give presentations ii. (ii) communicate in an effective way.