



Department of Mathematics

M.Sc. Mathematics

PROGRAMME SPECIFIC OUTCOMES(PSOs)

On successful completion of M.Sc. Mathematics, the students will

PSO1: acquire in-depth knowledge of algebra, analysis, geometry, differential equations and several other branches of mathematics.

PSO2: develop critical observations, identify challenging problems in mathematics and obtain well-defined solutions for the problems using the principles of mathematics.

PSO3: analyse specific theoretical and applied problems in mathematics and draw conclusion from a range of contemporary research works and their applications in diverse areas of mathematical sciences.

PSO4: obtain ability to communicate various concepts of mathematics effectively using examples and their geometrical visualizations and apply ICT to mathematical investigations and problem solving.

PSO5: apply ethical principles and commit to professional ethics, responsibilities and norms of the scientific and sustainable development and practice tolerance and respect differences in the workplace and society.

PSO6: work effectively in government jobs, banking, insurance and investment sectors, various other public and private enterprises by acquiring technical, communicative and leadership skills.

PSO7: acquire knowledge and skills through logical reasoning and to inculcate the habit of self-directed and life-long learning in the broadest context of technological change.