



Department of Mathematics

B.Sc. Mathematics

PROGRAMME SPECIFIC OUTCOMES (PSOs)

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

PSO1: develop a comprehensive knowledge in the field of Algebra, Analysis, Geometry, Number Theory, Mechanics, Differential Equations and Statistics.

PSO2: employ critical thinking in understanding the concepts in every area of Mathematics and provide solutions using the domain knowledge of Mathematics.

PSO3: demonstrate a broad knowledge to conduct research and analyse mathematical concepts, and theories within appropriate mathematical framework.

PSO4: communicate various concepts of mathematics effectively using examples and their geometrical visualizations and demonstrate a computational ability in solving a wide array of mathematical problems.

PSO5: embrace moral and ethical values, adopt objective, unbiased and truthful actions in all aspects and identify unethical behaviour such as fabrication, falsification form is representation of data.

PSO6: work independently and effectively in team as a member or leader and gain knowledge and aptitude needed to successfully get through the competitive examinations either for placement or for higher education.

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