

**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 or misrepresentation 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.