



Programme Specific Outcomes (PSO's)

Degree in M.Sc. Mathematics will enable the students:

- * To possess the systematic understanding of the concepts, theories and methods of mathematics at higher education level.
- * To evaluate hypotheses, theories, methods and evidence within their proper contexts.
- * To create hypotheses, concepts and theories of mathematics and to relate it with broader theories.
- * To solve the real world problems of relevance by critical understanding, analysis and synthesis of various mathematical aspects.
- * To review the literature related to ancient / modern mathematics, and to determine the knowledge gaps.
- * To critically interpret data, write reports and apply the basic rules of evidence.
- * To select, interpret and critically evaluate information from a range of sources that include books, scientific reports, journals, case studies and authentic online resources.
- * To prepare the research proposal and write scientific papers.
- * To prepare and defend the M.Sc. Dissertation.
- * To develop proficiency in mathematical communication skills through the means of oral and written presentations; and create the habit of lifelong mathematical learning.
- * To enhance the career prospects in wider areas of teaching, research and industry.