

Programme Outcomes

Programme Name : M.A./M.Sc. in Mathematics (4 semesters in 2 years)

Critical Thinking:

Formation and development of thinking to carry out scientific investigation in a proper and logical way .

Problem Solving Skill:

Enhance the capacity of the students in problem analysis, formulation and solution with skills.

Communication Skills:

Ability to enhance the scientific communication skill with the help of mathematical thinking and knowledge.

Ethics:

Acquire relevant knowledge and skills to validate standard professional ethical values in the subject concerned. Ability to identify unethical behaviour such as fabrication, falsification or misrepresentation of data and adoptive objective, unbiased and truthful actions in all aspects.

Analytical Reasoning:

Ability to enhance analytical power to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesise data from a variety of sources; draw valid conclusions and support them with evidence.

Continuous Learning:

Ability to think, acquire knowledge and skills through logical reasoning and to inculcate the habit of continuous self-learning throughout life

Research Skills:

Prepare students for pursuing research or careers in practical fields. Capability to use appropriate software to solve various problems.

Programme Specific Outcomes

Basic and Advanced Knowledge in Mathematics:

Have strong foundation in core areas of Mathematics, and able to earn advanced knowledge communicate Mathematics effectively.

Abstract Skills:

Evaluate hypotheses, theories, methods and evidence within their proper contexts.

Problem Solving:

Solve complex problems by critical understanding, analysis and synthesis.

Application and Research Efficiency:

Provide a systematic understanding of the concepts and theories of mathematics and their application in the real world- to an advanced level, and enhance career prospects.