

Programme Outcome (PO)

PO1. Science is directly related to Nature. Scientific studies provide deeper insights of understanding the natural phenomena.

PO2. To develop new technologies, solve practical problems and informed decisions.

Programme Specific Outcomes (PSO's)

BA/ BSc Mathematics

PSO1. Mathematics is a branch and key language of science that able to describe the real-world problems.

PSO2. To develop new mathematical theories and methods and to evolve the new branches of mathematics with co-exist of other branches of science and humanities.

PSO3. Computational knowledge in mathematics provides better insight and interest of the BSc Mathematics students.

Course Outcomes (CO's)

BSc/BA Mathematics (Generic CBCS)

BSc/BA-I

GE1.1. Differential Calculus

CO1. Students will be able to use concepts of calculus such as limit, continuity, differentiation, integration in real life problems, formulation in mathematical models.

BSc/BA-II

GE2.1. Differential Equation

CO1. Students will introduce the new techniques in solving of ordinary differential equations of first order and then the higher order which are highly applicable in engineering problems, mathematical model used in real life problems.

BSc/BA-III

GE3.1 Real Analysis

CO1. Describe the various analytical properties such as limit theorems, convergence theorems, convergence test etc.

BSc/BA-IV

GE4.1 Algebra

CO1. To describe various group structures on sets. To identify the group structures, present in different branches of sciences.

CO2. Extension of group theory will be learned. Basics of Ring theory, geometric structures, and their links to other branches of mathematics will be taught.