

**B.Sc. Mathematics**  
**Course Outcomes**

**F.Y.B.Sc. Mathematics**

**Paper-I: Algebra and Geometry**

**CO1:** On Successful completion of this course student should be able to recall basic facts about Mathematics.

**CO2:** Students should be able to display knowledge of conventions such as notations, terminology.

**CO3:** Students able to recognize basic Geometrical Figure and graphical display, state important facts resulting from studies.

**Paper-II: Calculus**

**CO1:** On Successful completion of the course students are able to apply their skills and knowledge, that is translates information presented verbally into Mathematical form.

**CO2:** Students can use appropriate Mathematical formula or techniques in order to process the information.

**CO3:** Students should be able to use appropriate technique to draw the relevant conclusion from the given information.

# Course wise Outcomes of Mathematics

## S.Y.B.Sc. Mathematics

### Semester-I

#### **Paper-II: Discrete Mathematics**

**CO1:** On Successful completion of the course the students should get a relational understanding of Mathematical concepts and concerned structures.

**CO2:** Students should be able to follow the patterns involved Mathematical reasons.

**CO3:** Students should be able to solve the problems of mathematical reasoning and logical reasoning.

### Semester-II

#### **Paper-II: Numerical Methods and its Applications**

**CO1:** On Successful completion of the course the students should get a relational understanding of Mathematical errors.

**CO2:** Student should be able to solve the numerical problems with the scientific calculator.

**CO3:** Students should able to recall the Methods of finding roots of Algebraic and Transcendental Equations.

# Course wise Outcomes of Mathematics

## S.Y.B.Sc. Mathematics

### Semester-I

#### **Paper-I: Multivariable calculus-I**

**CO1:** On successful completion of the course the student should get relational understanding of Mathematical concepts and concern structures.

**CO2:** student should be adequate exposure to global and local concern that explores them many aspects of Mathematical Science.

**CO3:** Students should be able to follow the patterns involved, Mathematical reasoning.

### Semester-II

#### **Paper-I: Linear Algebra**

**CO1:** A student should get adequate exposure to global and local concerns that explore them many aspects of Mathematical Science.

**CO2:** The students develop theoretical, applied and computational skills.

**CO3:** Successful completion of these course students should able to gain confidence in proving theorems and solving problems.