Course Outcomes (NEP)

B.Sc. Mathematics (H)

Semester	Course Code	Course Outcomes
Sem-I (H)	DS-01	CO-1. To handle the problem having complex number and complex variables. CO-2. To know the nature of roots of an equation and to solve several types of algebraic equations having degree up to 4. CO-3. To understand the theories of inequalities and their applications. CO-4. To familiar with several topics of number theory and their application. CO-5. To use elementary operations on matrices and to conceptualize about eigen value and eigen vector.
	SE-1	CO-1. Learn basic of high-level programming languages. CO-2. To know about some arithmetic operators and logical operators to construct flowchart. CO-3. Able to use for loop, while loop and do-while loop in C-programming. CO-4. Able to use arrays and multi-dimensional arrays in C-programming. CO-5. Capable to write programming by using functions.
	MD-1	CO-1. To conceptualize set, relation and functions. CO-2. To conceptualize probability and statistic and their application to our daily life CO-3. To calculate matrix inversion, value of a determinant and to solve a set of linear equations. CO-4. To conceptualize two dimensional geometry. CO-5. To conceptualize LPP and their application in our daily life.

B.Sc. Mathematics (G)

Sem-I (G)	MA-1	CO-1. To handle the problem having complex number and complex variables. CO-2. To know the nature of roots of an equation and to solve several types of algebraic equations having degree up to 4. CO-3. To understand the theories of inequalities and their applications. CO-4. To understand the concepts of set theory, group, ring and their properties. CO-5. To use elementary operations on matrices and to conceptualize about eigen value and eigen vector.