

## T.D.C MATHEMATICS –CBCS COURSE

### BACHELOR OF MATHEMATICS (HONS.) Programme Details

#### Programme Objectives:

Students who choose BMATH(H) Programme develop the ability to think critically, logically and analytically and hence use mathematical reasoning in everyday life.

Pursuing a degree in mathematics will introduce the students to 10 11 number of interesting and useful ideas in preparations for a number of mathematics careers in education, research, government sector, business sector and industry,

The program covers the full range of mathematics. The course lays a structured foundation of Calculus, Real and Complex analysis, Algebra, Differential equations and Mathematical modeling, Number theory, Graph theory, Mechanics and C-programming.

An exceptionally broad range of topics covering Pure and Applied Mathematics, Linear Algebra, Metric spaces, Statistics, Linear Programming and Applications, Mathematical Finance, and Bio-Mathematics cater to varied interests and ambitions. Also, to carry out the hand on sessions in Computer lab using various CAS software to have a deep conceptual understanding of the above tools to widen the horizon of students self-experience.