**Program Objectives**

**BA/B.Sc./BCom (Hons.) other than Mathematics**

**(Undergraduate programs offered by the department)**

1. **Name of the program: Generic Elective**

**2. Program Specifications**

Department of Studies: University of Delhi

Department: Mathematics

Program: Generic Elective Mathematics **(LOCF)**

Head of the Department: Ms. Alpana Rastogi

Year of Approval: 2019

Next revision: 2022 (NEP)

**3. Mode of Study:** Full-time (Semester System): Classroom teaching; Demonstrative

learning; Tutorials; Project assignments; research activities.

**PURPOSE OF THE COURSE:**

The Department is of the view that assessment should support and encourage the broad

instructional goals such as basic knowledge of the discipline of Mathematics including

concepts, fundamental theories and general principles. This should also support the ability to ask pertinent questions and to obtain solutions to these questions by using qualitative and quantitative reasoning. The important attributes of the students including appreciation of the all the subjects related to Mathematics, and they become curious, creative and innovative relating the social reality with Mathematics. With this in mind, we aim to provide a firm foundation in every aspect of Mathematics. The mode of delivery should be such so as to impart the component of content related to Mathematics with clarity and convenience by developing practical, demonstrative and mathematical skills of students.

**PROGRAM OBJECTIVES:**

The Programme also aims to develop the following abilities to the students:

1. Read, understand and interpret Mathematical aspects through – verbal, demonstrative,

mathematical and graphical methods.

2. Equip students in methodology related to Research area.

3. Impart skills required to gather information from resources and use them (library and

Communication skills).

4. To give need-based education in Mathematics of the highest quality at the undergraduate

level.

6. Provide an intellectually stimulating environment to develop skills and enthusiasms of

students to the best of their potential.

7. Use Information Communication Technology to gather knowledge at will.

8. Attract students from all backgrounds.