

TECNIA INSTITUTE OF ADVANCED STUDIES
Grade 'A' Institute
Department of Information, Communication & Technology
Bachelor of Computer Applications (BCA)
Scheme and Syllabus (w.e.f. Academic Session 2021-22)
(Dec 2022): GGSIP University, Delhi

COURSE CODE: BCA 181+

COURSE NAME: BRIDGE COURSE IN MATHEMATICS

Aim: To build mathematical aptitude of the students for understanding the basic concepts of core courses of mathematics of the programme

LEARNING OBJECTIVES:

This course will provide the learners the following:-

1. The knowledge about the matrices, determinants and limits.
2. Familiarity with basic concepts of differential and integral calculus

PRE-REQUISITES: NONE COURSE

OUTCOMES (COs):

After completion of this course, the learners will be able to:-

CO #	Detailed Statement of the CO
CO1	Understand the various approaches dealing the data using theory of matrices.
CO2	Understand and apply the concepts of determinants
CO3	Understand the concept of calculus such as limit, continuity and differentiability.
CO4	Appraise and determine the correct logic and solutions for any given real world problem using application of integration& integral calculus