TECNIA INSTITUTE OF ADVANCED STUDIES

Grade 'A' Institute

Department of Information, Communication & Technology

Bachelor of Computer Applications (BCA)

Scheme and Syllabus (w.e.f. AS 2021-22)

COURSE CODE: BCA 205

COURSE NAME: OBJECT ORIENTED PROGRAMMING WITH C++

LEARNING OBJECTIVES:
In this course, the learners will be able to develop expertise related to the following:
 1. Gain knowledge and develop a broad understanding of bottom up approach
 2. Construct object oriented solutions for real world scenarios

PRE-REQUISITES:
>   Knowledge of C programming
>   Basic Programming Skills

COURSE OUTCOMES (COs):
After completion of this course, the learners will be able to: -

CO#	Detailed Statement of the CO
CO1	Understand the basic principles of Object-Oriented Programming
CO2	Apply OOPs principles using C++ constructs
CO3	Develop expertise in classification hierarchies and polymorphism using C++
CO4	Comprehend the working of files and generic programming