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: BCAP 311

COURSE NAME: MACHINE LEARNING WITH PYTHON

LEARNING OBJECTIVES:
In this course, the learners will be able to develop expertise related to the following:
1. To make student able to learn mathematical concepts, and algorithms used in machine learning techniques for solving real world problems and developing new applications based on machine learning.
2. To introduce students to the state-of-the-art concepts and techniques of Machine Learning using Python.

PRE-REQUISITES:
2. Basics of Python Programming

COURSE OUTCOMES (COs):

CO#	Detailed Statement of the CO
CO1	Explain machine learning concepts on real world applications and problems.
CO2	Analyze and Implement Regression techniques.
CO3	Solve and design solution of Classification problem
CO4	Understand and implement Unsupervised learning algorithms
CO5	Interpret various machine learning algorithms in a range of real world applications.