

**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: BCAT 211T#**

**COURSE NAME: BASICS OF PYTHON PROGRAMMING**

**LEARNING OBJECTIVES**

In this course, the learners will be able to develop expertise related to the following: -

1. To understand Python programming fundamentals
2. To design and program applications using Python

**PRE-REQUISITES: Computer Fundamentals**

**COURSE OUTCOMES (COs):**

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

<b>CO#</b>	<b>Detailed Statement of the CO</b>
<b>CO1</b>	Demonstrate knowledge of basic programming constructs in python.
<b>CO2</b>	Illustrates string handling methods and user-defined functions in python
<b>CO3</b>	Applying data structures primitives like List, Dictionary and tuples.
<b>CO4</b>	Identify the commonly used operations involved in file handling
<b>CO5</b>	To understand how python can be used for application development