

Course Name: Python Programming

Course Outcomes (CO):

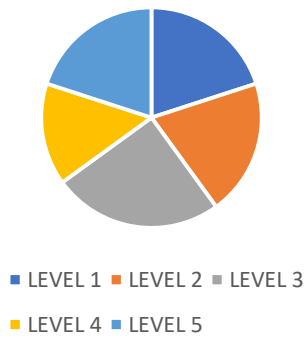
At the end of this course students will be able to

1. Understand and comprehend the basics of python programming.
2. Demonstrate the principles of structured programming and be able to describe, design, implement, and test structured programs using currently accepted methodology.
3. Explain the use of the built-in data structures list, sets, tuples and dictionary.
4. Make use of functions and its applications.
5. Identify real-world applications using oops, files and exception handling provided by python.

Model Question Paper
Total duration (H: M): 03:00
Course: Python Programming
Maximum Marks: 50

Q. No.	Questions	Marks	CO	BL
1a.	Explain the basic data types available in Python with examples.	2.5	CO1	1
1b.	Explain the Identifiers, Keywords, Statements, Expressions, and Variables in Python programming language with examples.	2.5	CO1	2
1c.	Write python program to swap two variables	2.5	CO1	5
1d.	What is the Aliasing and Cloning in Python	2.5	CO2	2
2a.	Discuss the relation between tuples and lists, tuples and dictionaries in detail.	2.5	CO2	4
2b.	What is the Dictionary in Python?	2.5	CO2	5
2c.	Explain Object Oriented Programming in Python	2.5	CO2	3
2d.	What is testing and debugging in Python?	2.5	CO2	5
3a.	Write the example of Big oh Notation	5	CO3	5
3b.	What is selection sort in Python with example?	5	CO3	2
4a.	Discuss the following dictionary methods with an example. a) get() b) keys() c) pop() d) update() e) values() f) items()	5	CO4	4
4b.	Write Python program to sort numbers in a list in ascending order using Bubble Sort by passing the list as an argument to the function call.	5	CO4	1
5a.	What is hash tables in Python? How do you make a hash table in Python?	5	CO5	3
5c.	What is the use of Tkinter in Python programming? Does Tkinter work with Python?	5	CO5	3

Bloom's Level wise Marks Distribution



Course Outcomes wise Marks Distribution

