

Course Code	Course Name	Teaching Scheme (Hrs/week)			Credits Assigned			
		L	T	P	L	T	P	Total
MCAL26	Python Programming Lab	--	--	4	--	--	2	2
		Examination Scheme						
		Term Work		Practical		Oral		Total
		40		10		10		60

Pre-requisite Course Codes	-	
Course Outcomes	CO1	Make use of datatypes in Python programs.
	CO2	Create functions, modules.
	CO3	Apply Object oriented features in Python program.
	CO4	Design GUI application with database connectivity.
	CO5	Understand advanced Python concepts.

Exp. No.	Experiment Details	Ref.	Marks
1	Introduction to Python	1,2,3	5
2	Conditional statements, Looping statements and Control statements	1,2,3	5
3	String, List, Tuple and Dictionary	1,2	5
4	Functions and Modules	1,2,3	5
5	Exception handling	1,3,4	5
6	Python with OOP concepts	1,2,3	5
7	GUI programming and Database connectivity and File	2,3,4	5
8	Flavors of Python	3,4	5
Total Marks			40

References:

- [1] John Paul Mueller, "Beginning Programming with Python for Dummies", Wiley.
- [2] Allen Downey, "Think Python : How to think like a computer scientist", Green tea press.
- [3] Wesley J. Chun, "Core Python Programming", Prentice Hall PTR.
- [4] Laura Cassell and Alan Gauld, "Python Projects", Wrox A Wiley brand.