

Curriculum Planner

(Department of Computer Science)

Course: B.Sc. Computer Science

Semester: I

Paper: Object Oriented Programming using Python

Teacher Name: - Sushil Malik

S. No.	Unit Name	Chapters	References	Schedule(Ap proximate)
1.	Unit 1 Introduction to Programming	2 1	[2] [1]	August 2026
2.	Unit 2 Creating Python Programs	2 (2.1 to 2.3), 3	[1]	September 2026
3.	Unit 3 Built-in data structures Assignment, Test	6 (6.1, 6.2), 7 (except 7.1.11)		October 2026
4.	Unit 4 Object Oriented Programming Quizzes,PPT	10 (10.1, 10.2) 11(11.1,11.2)		
5.	Unit 5 File and exception handling	9 (except 9.2 and 9.5)		
6.	Revision, Doubt solving, Mock Practical			November 2026

Essential Readings

1. Taneja, S., Kumar, N., *Python Programming- A modular Approach*, Pearson Education India, 2018.
2. Balagurusamy E., *Introduction to Computing and Problem Solving using Python*, 2nd edition, McGraw Hill Education, 2018.

Suggestive Readings

1. Brown, Martin C., *Python: The Complete Reference*, 2nd edition, McGraw Hill Education, 2018.
2. Guttag, J.V. *Introduction to computation and programming using Python*, 2nd edition, MIT Press, 2016.