Curriculum Planner (Odd 2024-2025)

(Department of Computer Science)

**Course: B.A(P)**

**Semester: I**

**Paper: PROGRAMMING FUNDAMENTALS USING PYTHON**

**Teacher Name: - Dr.Rajani**

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| **S.**  **No.** | **Unit Name** | **Chapters** | **References** | **Schedule(Ap proximate)** |
| 1. | Unit 1 Introduction to Programming | 2  1 (except 1.5) | [2]  [3] | September |
| 2. | Unit 2 Creating Python Programs | 2, 3 (excluding 3.9),  4, 5  9 (9.3-9.4) | [1] | October  November |
| 3. | Unit 3 User Defined Functions  **Assignment, Test** | 6 (upto 6.7) |
| 4. | Unit 4 Built-in Data Structures  **Quizzes,PPT** | 7, 8, 11 | December |
| 6. | **Revision, Doubt solving, MockPractical** |  | December |

**Essential Readings**

1. Kamthane, A. N. & Kamthane, A. A., “Programming and Problem Solving with Python”,
2. 2 nd edition, McGraw Hill Education, 2020. 2. Balaguruswamy E., “Introduction to Computing and Problem Solving using Python”, 2nd edition, McGraw Hill Education, 2018.
3. 3. Taneja, S. & Kumar, N., “Python Programming- A modular Approach”, Pearson Education India, 2018