Curriculum Planner (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(Approxi  mate) |
| 1 | Unit 1 Introduction to Python  Programming | 2,1 | [2] [3] | August 2023 |
| 2 | Unit 2 Creating Python Programs,  PPT | 2,3 | [3] | September 2023 |
| 3 | Unit 3 User Defined  Functions Assignment, Test | 3,4 | [3][4] | October 2023 |
| 4 | Unit 4 Built-in data structures Open book test, Mock  Practical | 6,7 | [3] | November 2023 |

References

1. Kamthane, A. N., & Kamthane, A.A. *Programming and Problem Solving with Python*,McGraw Hill Education. 2017.
2. Balaguruswamy E., “*Introduction to Computing and Problem Solving using Python*”,2nd

Edition, McGraw Hill Education, 2018.

1. Taneja, S., Kumar, N. *Python Programming- A modular Approach*. Pearson EducationIndia, 2018.

Additional References

* 1. Guttag, J. V. *Introduction to computation and programming using Python*. MIT Press. 2018
  2. Downey, A. B. *Think Python–How to think like a Computer Scientist* 2nd Edition. O’Reilly2015