

**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
(AUTONOMOUS)

**MCA I Year II Semester Regular & Supplementary Examinations June/July-2025**  
**PYTHON**

**Time: 3 Hours**

**Max. Marks: 60**

(Answer all Five Units  $5 \times 12 = 60$  Marks)

**UNIT-1**

- 1 a) Explain various looping statements in python.  
b) Develop a python program to display numbers up to given number.

CO1 L2 6M

Course Code:

UNIT -II

DATA STRUCTURES, FUNCTIONS

**OR**

- 2 a) Illustrate class inheritance in Python with an example  
b) Write a python program to find the area of a cone and circle using inheritance.  
4 How do we access parent members in the child class? Explain with an example.
- CO3 L2 6M