## **Thadomal Shahani Engineering College**

Bandra (W.), Mumbai- 400 050.

## CS CERTIFICATE 80

Certify that Mr./Miss Phhanva Yadav
of 17 Department, Semester 17 with
Roll No. 127 has completed a course of the necessary
experiments in the subject Pyrnon Lab under my
supervision in the Thadomal Shahani Engineering College
Laboratory in the year 20 - 20
minket 1/24
Teacher In-Charge Head of the Department
Date 16 0412024 Principal



## THADOMAL SHAHANI ENGINEERING COLLEGE DEPARTMENT OF INFORMATION TECHNOLOGY



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	Variables & Data Types Operators and String functions List and Tuples operation Operation on Sets Operation on Dictionary Control Loop, Function and anonymous Function Classes and Objects Inheritance & its Types Polymorphism (Method Overloading/Overriding, Operator Overloading) Arrays operations File and Exception handling Linear Algebra using SciPy Data Visualization using Matplotlib Data Analysis using Pandas User Interface using Tkinter a. Login Form b. Scientific Calculator Written Assignment 1	Variables & Data Types  Operators and String functions  Lo1  List and Tuples operation  Operation on Sets  Lo1, Lo2  Operation on Dictionary  Control Loop, Function and anonymous Function  Lo1, Lo2  Classes and Objects  Inheritance & its Types  Polymorphism (Method Overloading/Overriding, Operator Overloading)  Arrays operations  Lo1, Lo2  File and Exception handling  Lo1, Lo5  Linear Algebra using SciPy  Data Visualization using Matplotlib  User Interface using Tkinter  a. Login Form  b. Scientific Calculator  Written Assignment 1  Lo1, Lo5,  Lo4, Lo5,  Written Assignment 2  Lo4, Lo5,	Variables & Data Types  Operators and String functions  Lo1   C   1   List and Tuples operation  Department on Sets  Lo1, Lo2   2   1   Operation on Dictionary  Control Loop, Function and anonymous Function  Classes and Objects  Inheritance & its Types  Polymorphism (Method Overloading/Overriding, Operator Overloading)  Arrays operations  Lo1, Lo2   2   1   Lo1, Lo3   (2   2   Lo2   2   Lo3, Lo3   (2   2   Lo4, Lo5   2   Lo5   2   Lo5   2   Lo7   2   Lo7   2   Lo7   2   Lo8   2   Lo8   2   Lo9   3   Lo9   4   L