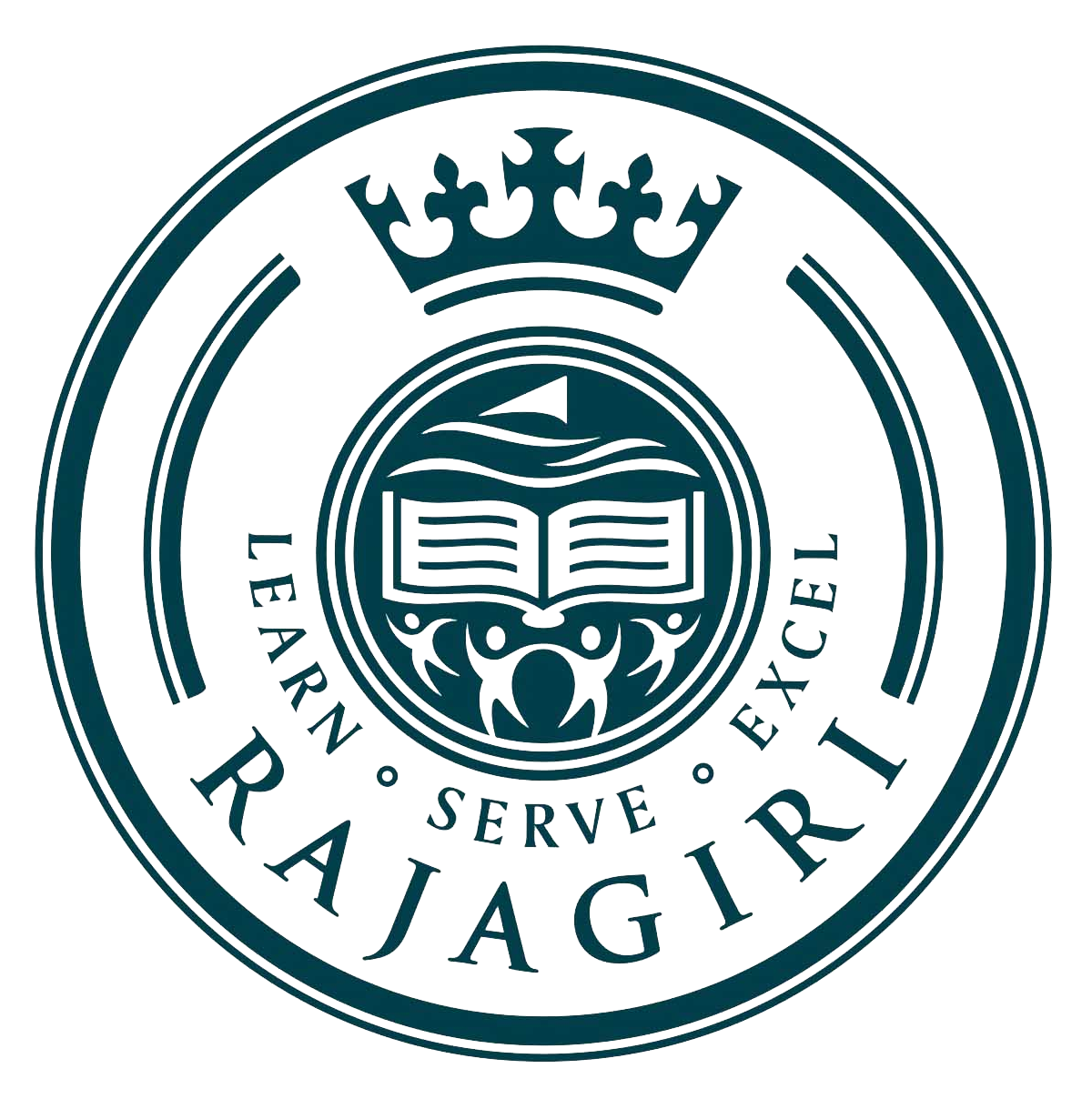


**Department of Computer Science  
PYTHON PROGRAMMING LAB RECORD**

|  |  |
| --- | --- |
| Program No:1.1 | Date: 10-07-2025 |
| Name: SIVALAKSHMI PS | Reg No: 24117038 |
| Program Title : Accept your name and year of birth and display your current age. | |
| Program : Write a program to accept your name and year of birth and display your current age.  nam=input("Enter your name:- ")  year=int(input("Enter you year of birth:- "))  age=2025-year  print("HELLO ",nam,",YOUR AGE IS ",age) | |
| Output Screenshot/Text | |

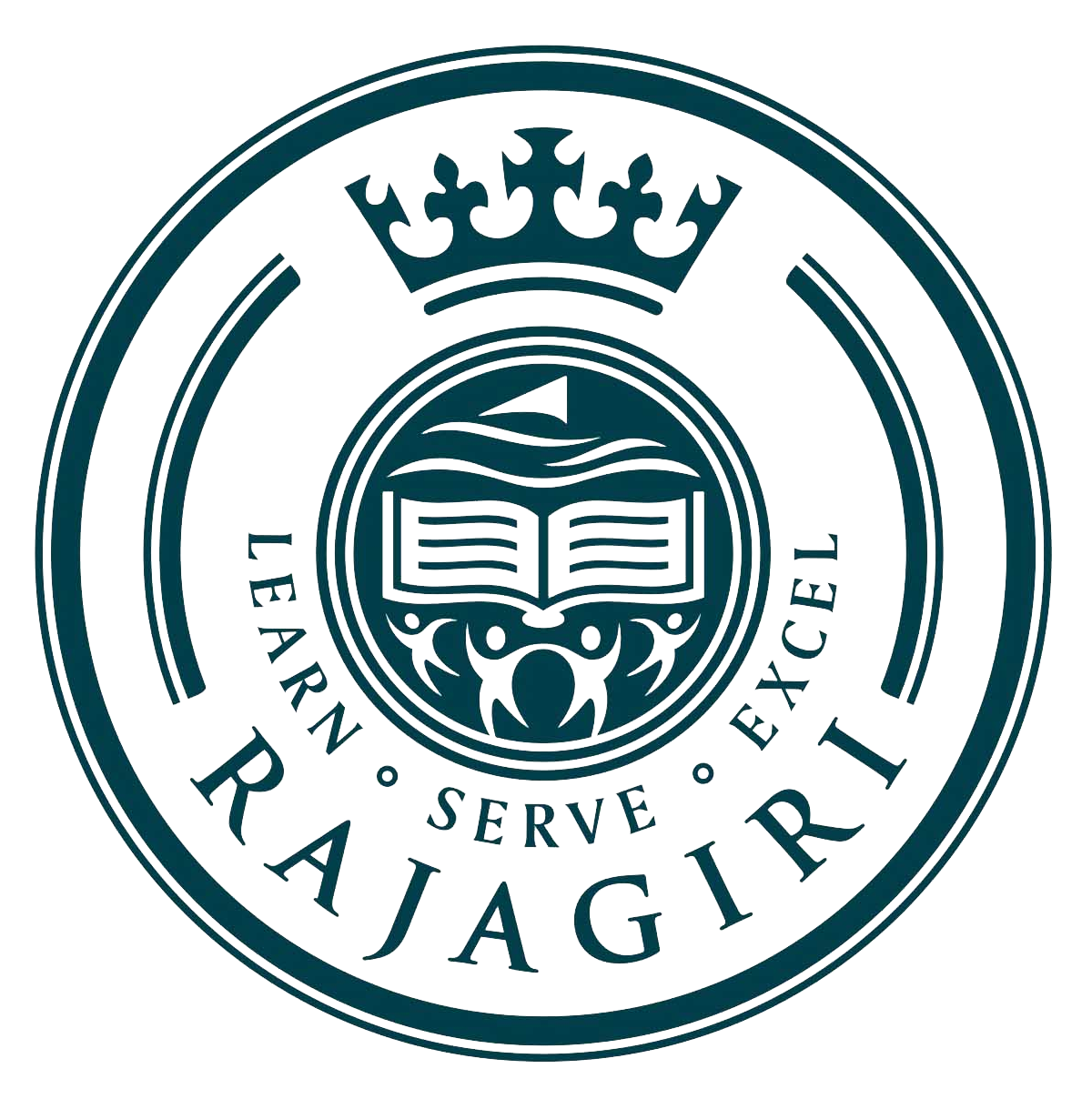
Faculty Signature



**Department of Computer Science  
PYTHON PROGRAMMING LAB RECORD**

|  |  |
| --- | --- |
| Program No:1.2 | Date: 10-07-2025 |
| Name: SIVALAKSHMI PS | Reg No: 24117038 |
| Program Title : Calculate the area and perimeter of a rectangle given length and breadth. | |
| Program : Write a program to calculate the area and perimeter of a rectangle given length and breadth.  l=int(input("Enter the length of the Rectangle: "))  b=int(input("Enter the breadth of the Rectangle:"))  area=l\*b  print("AREA OF THE RECTANGLE=",area)  perimeter=2\*l+b  print("PERIMETER OF THE RECTANGLE=",perimeter) | |
| Output Screenshot/Text | |

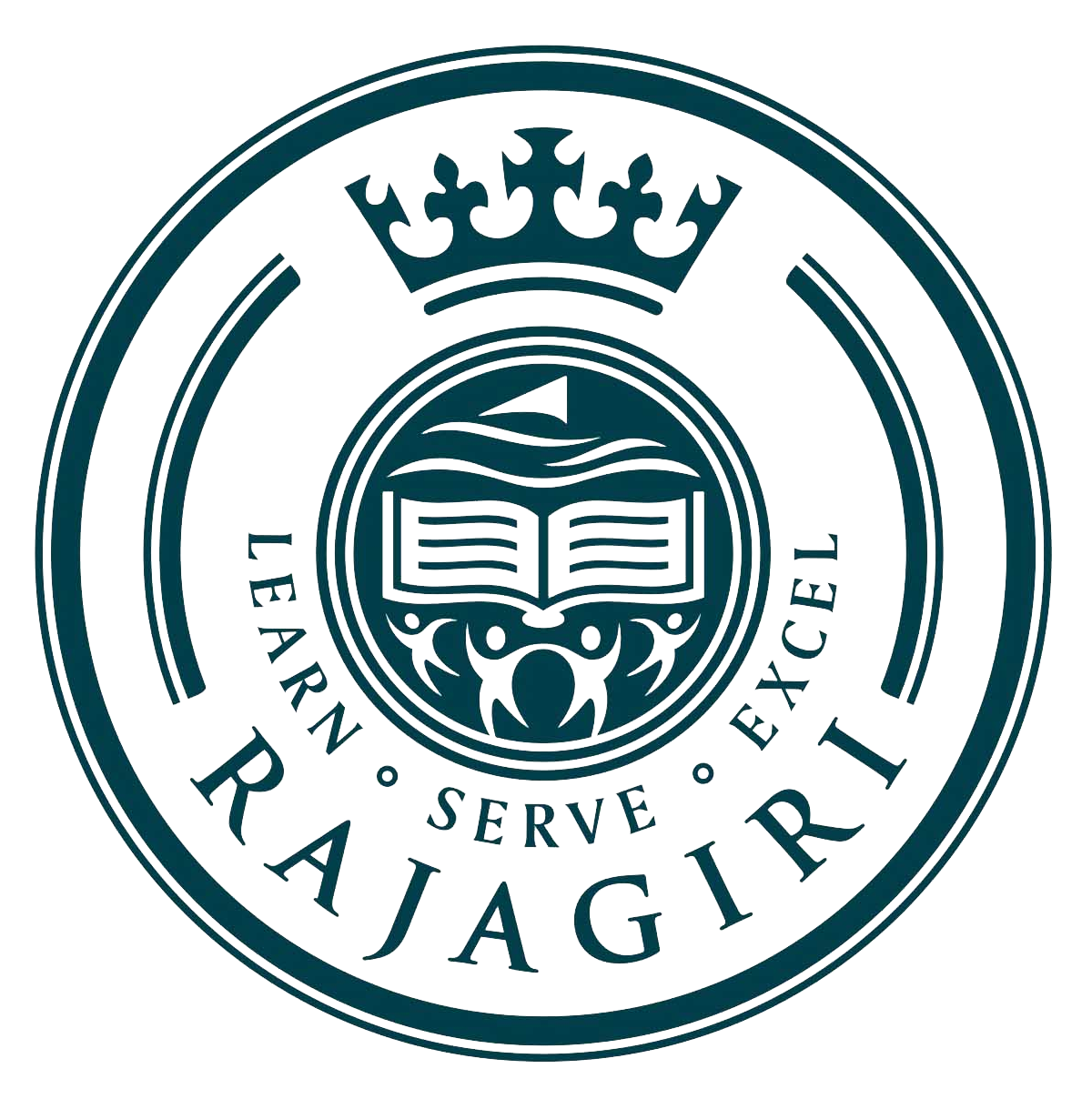
Faculty Signature



**Department of Computer Science  
PYTHON PROGRAMMING LAB RECORD**

|  |  |
| --- | --- |
| Program No:1.3 | Date: 10-07-2025 |
| Name: SIVALAKSHMI PS | Reg No: 24117038 |
| Program Title : Convert Temperature in Celsius to Fahrenheit and Kelvin. | |
| Program : Write a program that converts temperature in Celsius to Fahrenheit and Kelvin.  cel=float(input("Enter the Temperature: "))  fahr=(cel\*9/5)+32  kel=cel+273.15  print("CELCIUS TO FAHRENHEIT = ",fahr,"CELCIUS TO KELVIN = ",kel) | |
| Output Screenshot/Text | |

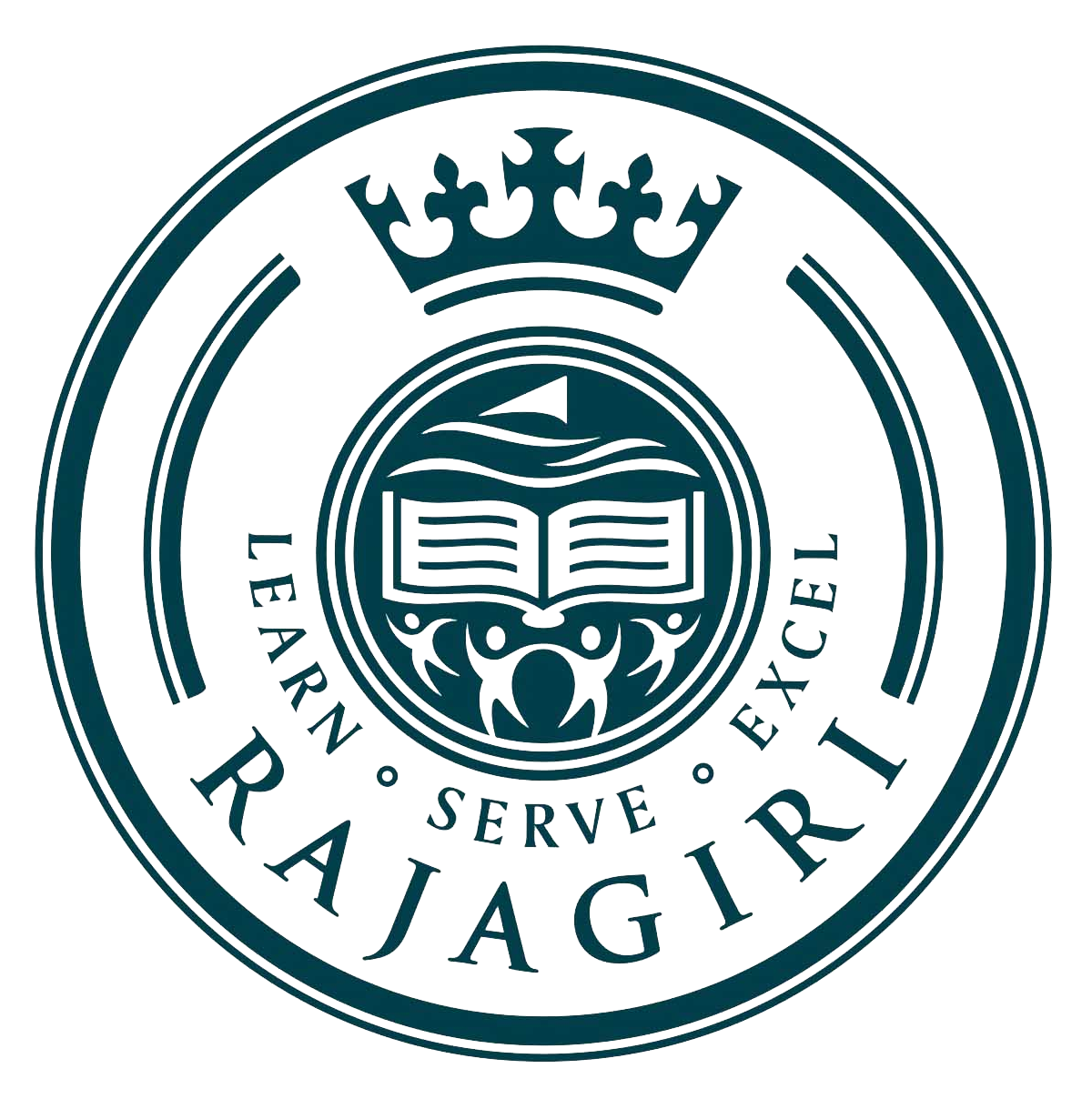
Faculty Signature



**Department of Computer Science  
PYTHON PROGRAMMING LAB RECORD**

|  |  |
| --- | --- |
| Program No:1.4 | Date: 10-07-2025 |
| Name: SIVALAKSHMI PS | Reg No: 24117038 |
| Program Title : Find roots of a quadratic equation | |
| Program : Write a program to find roots of a quadratic equation (handle complex roots too).  import math  a=float(input("ENTER VALUE FOR a: "))  b=float(input("ENTER THE VALUE FOR b: "))  c=float(input("ENTER THE VALUE FOR c: "))  qua=b\*\*-4\*a\*c  root1=-b+(math.sqrt(qua))/2\*a  root2=-b-(math.sqrt(qua))/2\*a  print("QUADRATIC EQUATION 1 =",root1)  print("QUADRATIC EQUATION 2 =",root2) | |
| Output Screenshot/Text | |

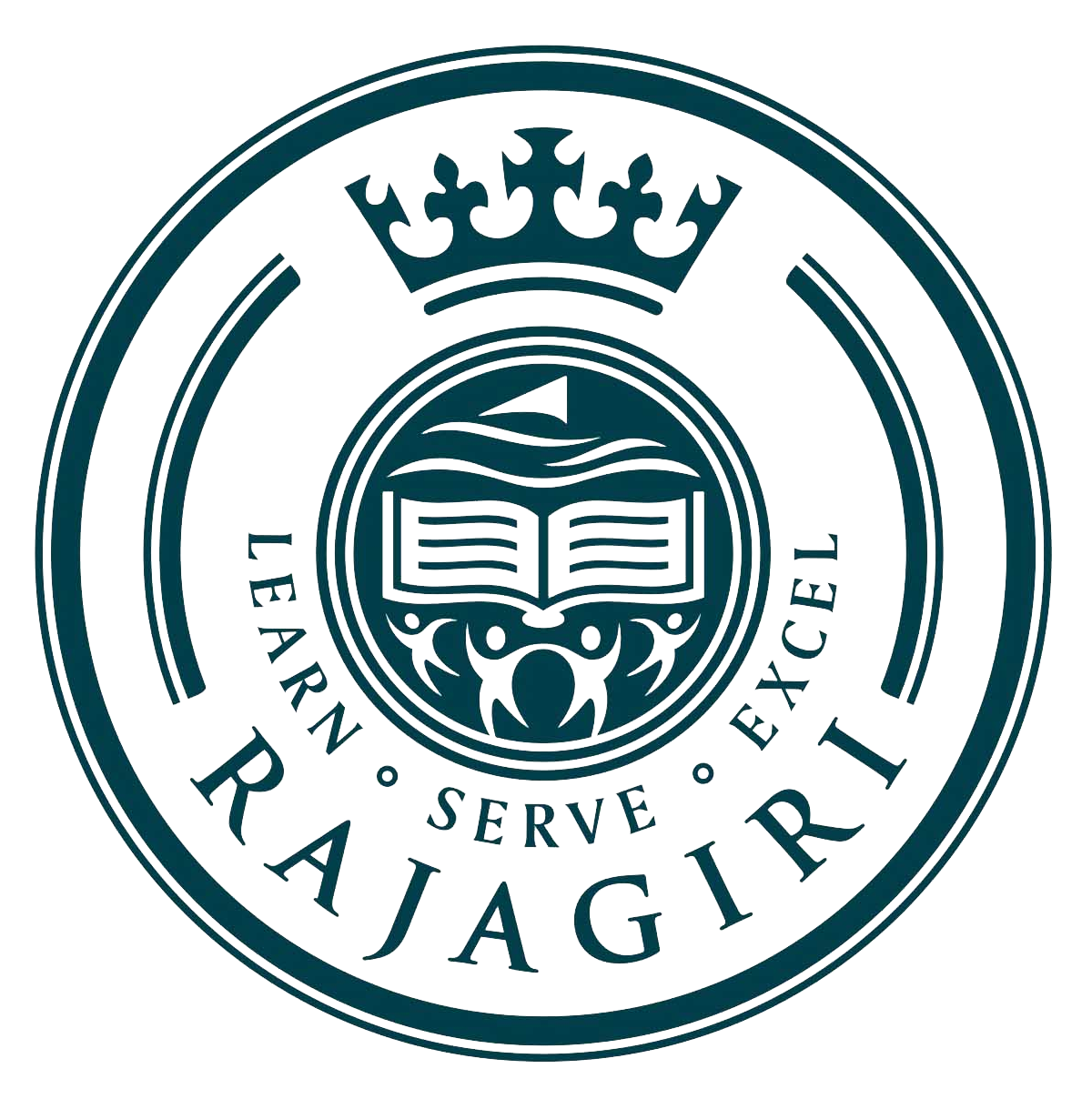
Faculty Signature



**Department of Computer Science  
PYTHON PROGRAMMING LAB RECORD**

|  |  |
| --- | --- |
| Program No:1.5 | Date: 10-07-2025 |
| Name: SIVALAKSHMI PS | Reg No: 24117038 |
| Program Title : Count words, lines, and characters. | |
| Program : Write a program to count words, lines, and characters in a user-provided sentence.  word=input("Enter A Sentence: ")  numofsent=len(word.split("."))  print("Number of Sentence = ",numofsent)  countword=word.split(" ")  print("Number of Lines = ",len(countword))  print("Number of Characters = ",len(word)) | |
| Output Screenshot/Text | |

Faculty Signature



**Department of Computer Science  
PYTHON PROGRAMMING LAB RECORD**

|  |  |
| --- | --- |
| Program No:1.6 | Date: 10-07-2025 |
| Name: SIVALAKSHMI PS | Reg No: 24117038 |
| Program Title : find the largest and smallest among three numbers(Using built-in functions). | |
| Program : Write a program that uses built-in functions to find the largest and smallest among three numbers.  a = int(input("Enter the first number: "))  b = int(input("Enter the second number: "))  c = int(input("Enter the third number: "))  largest = max(a, b, c)  smallest = min(a, b, c)  print("Largest number is:", largest)  print("Smallest number is:", smallest) | |
| Output Screenshot/Text | |

Faculty Signature