**PYTHON PROGRAMMING**

**ASSIGNMENT 1**

Write a program to print

Programme 1: Hi+ your name   
Programme 2: person’s name & favourite colour  
Person + like + favourite colour  
Programme 3: weight converter   
Programme 4: hot and cold day

**ASSIGNMENT 2**

Programs using if statement

1. Program to check for an even number

2. Program to check eligibility to vote

3. Program to display biggest of 3 numbers

4. Program to check whether the accepted number is a +ve , -ve or zero

5. Program to check whether a number is divisible by 5 and 7 or not.

**ASSIGNMENT 3**

Programs using While/for Loop

1. Program to display numbers from 1 to n

2. Program to display the even numbers till n

3. Program to display factorial of a number

4. Program to check for a prime number

5. Program to find the sum of squares of numbers till n

**EXPERIMENT 1**

1. Write a Python program to print the calendar of a given month and year.

2. Write a Python program to find the square root of a number (+ve).

3. Write a Python program to swap two numbers with using third variable.

4. Write a Python program to generate random number.

5. Write a Python program to find the square root of a number (-ve/complex).

6. Write a python code for roots of a quadratic equation.