

**Institute of Engineering and Management, New Town Campus**

**University of Engineering and Management, Kolkata**

**Assignment-7, Second Semester-2024**

**Course Name: Programming for Problem Solving Laboratory**

**Course Code: ESCCS291**

- 1 Write a Program to add three numbers using function.
- 2 Write a Program to find  $X^Y$  using user defined function.
- 3 Write a Program to find factorial of a given number using user defined functions as well as recursion function.
- 4 Write a Program to find GCD (Greatest Common Divisor) and LCM (Least Common Multiple) of two numbers using recursion.
- 5 Write a Program to display the Fibonacci series for a given range using function.
- 6 Write a Program to check whether any use given input number is Armstrong number or not using user defined function.
- 7 Write a Program to check whether any use given input number is Peterson number or not using user defined function.