Experiment List

Thadomal Shahani Engineering College

Computer Engineering Department

Subject: Microprocessors   Year: 2024-2025

Semester: IV   Class: C1, C2 & C3

Sr.No.	TOPICS
1.	Introduction to assembly programming
2.	Assembly program to display the contents of the flag register.
3.	Assembly programming for 8-bit addition, subtraction.
4.	Assembly program to sort numbers in ascending/ descending order.
5.	Assembly program to find minimum/ maximum no. from a given array.
6.	Assembly programming for 16-bit addition, subtraction, multiplication and division
7.	Assembly program to accept a string, display a string, print a string, find the length of a string, check if given string is a palindrome.(menu based)
8.	Mixed Language program to find the GCD/LCM of two numbers.
9.	Mixed Language program to increment, decrement the size of the cursor and also to disable it.
10.	Assembly program to rotate a stepper motor in clockwise direction using 8086 MP and 8255

Dr. Gauri Shukla

Subject Incharge