

Microprocessor Laboratory

Semester: ODD

Experiment list:

S. No.	Experiment's Aim
1.	Write Program for addition and subtraction of two 8-bit numbers using GNU SIM software.
2.	Write a program for addition and subtraction of two 16-bit numbers using GNU SIM software.
3.	To write an assembly language for multiplying and division two 8-bit numbers using GNU SIM software.
4.	To find the largest and smallest element in an array of size 'n' using GNU SIM software.
5.	Write a program to make an LED chaser following the pattern given using EDSIM51 Software. Each transition will take place after a prescribed delay.
6.	Write a program to display series of numbers on seven segment display Use EDsim51 software for simulation.
7.	Write a program to interface Digital to Analog Converter for generate the waveform given using EDsim51 software.
8.	Write a program to interface 4x3 Keypad with 8051. Write a program to display HELO in the seven-segment display when '0' key is pressed in the keypad. Use EDsim51 software to test and verify your program.