

PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY

Lab Plan

Subject: Microprocessor Interfacing & Application Lab

Subject code: PC-IT-212LA

Session: 2022-23

Semester: IV

CO	CO Description
CO1	Familiarize with 8085 microprocessor kit
CO2	Implement 8 bit number arithmetic and Logical operations.
CO3	Perform programs on 8085 kit
CO4	Execute the program for controlling stepper motor

LIST OF EXPERIMENTS

S.No.	Program Name	Course Outcome
1.	Study of 8085 Microprocessor trainer kit.	CO1
2.	WAL Program for addition of two 8-bit numbers using 8085.	CO2
3.	WAL Program for subtraction of two 8-bit numbers using 8085.	CO2
4.	WAL Program to find 2s complement of 8-bit number using 8085.	CO2
5.	WAL Program to find 2s complement of 16-bit number using 8085.	CO2
6.	WAL Program for multiplication of two 8-bit numbers by repeated addition method using 8085.	CO2
7.	WAL Program for division of two 8-bit numbers using 8085.	CO2
8.	WAL Program for Shift an 8- bit number left by 2 bits.	CO3
9.	WAL Program To find larger of two numbers.	CO3
10.	WAL Program to find square-root of a number.	CO3
11.	WAL Program to control the operation of stepper motor using 8085	CO4