

SUBJECT TITLE : MICROPROCESSOR LAB
SUBJECT CODE : 341
COURSE CATEGORY : B
PERIODS/WEEK : 4
PERIODS /SEMESTER : 72
CREDITS : 2

Rationale :-

Course Objective:

Assembly language programming experiments:

Programs to perform arithmetic operations on integers
Programs to perform floating point arithmetic operations
Program to perform calculations on a set of data
Program to perform string operations
Data conversions like ASCII to HEX, BINARY TO GRAY, HEX to BCD.
Using Keyboard Interrupts.
Clock Programme.
Time delay generation
Simple switch input.
Simple LED output.
Interfacing seven segment display.
Interfacing A/D converter.
Interfacing D/A converter.
Interfacing stepper motor.
Interfacing Printer using 8255.
Testing IC 8257.
Testing IC 8279.