SUBJECT NO-EC49001, SUBJECT NAME- MICROCONTROLLER SYSTEMS LABORATORY

LTP- 0-0-3,CRD- 2

SYLLABUS :-

1. Write a program in assembly langauge of 8051 to find the second largest in an array of 10 numbers stored from a memory location.2. Design a traffic light controller.3. Design a digital clock.4. Show the operation of interrupt facility of ARM board.5. Communicate between the two SPI ports of ARM to exchange data bytes.6. Interface an ADC to the ARM processor. Use the interface to measure the frequency of slow running sine wave.7. Interface a stepper motor with the ARM processor.