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**Subject : Microcontrollers**

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| **Sr. No.** | **Title** | **Page No.** | **Date of Performance** | **Date of Submission** | **Grade** | **Sign** |
|  | Write a assembly program on Memory transfer for 8051. |  |  |  |  |  |
|  | Parallel port interacting of LEDS—Different programs ( flashing, Counter, BCD, HEX, Display of Characteristic) |  |  |  |  |  |
|  | Waveform Generation using DAC |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Interfacing of LCD to 8051 (8 bit mode) |  |  |  |  |  |
|  | Interfacing of Stepper motor to 8051- software delay using Timer |  |  |  |  |  |
|  | Write a embedded C program for interfacing button, LED, relay & buzzer with PIC |  |  |  |  |  |
|  | Interfacing 4X4 keypad and displaying key pressed on LCD |  |  |  |  |  |
|  | Generate square wave using timer with interrupt **(includes without interrupt pgm beyond syllabus )** |  |  |  |  |  |
|  | Interfacing serial port with PC both side communication. |  |  |  |  |  |
|  | Interface analog voltage 0-5V to internal ADC and display value on LCD |  |  |  |  |  |
|  | Generation of PWM signal for DC Motor control. |  |  |  |  |  |

This is to certify that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Roll No. \_\_\_\_\_ performed **Microcontrollers**\_\_\_\_\_\_\_\_\_\_practical’s in **Digital & Microprocessor Lab**.