

Embedded systems - Internship

Days: 3 days

Duration: 15 Hrs

Day	Topics
1	Introduction to Embedded systems, hardware architecture of 8051 microcontroller, Timer, External hardware Interfacing : Multiple LEDs, 7 segment display, LCD interfacing & DC motor interfacing with 8051 microcontroller
2	PIC16F877A Microcontroller : Introduction, Input/output registers, Interrupts, External hardware Interfacing : LEDs, LCD interfacing, Stepper Motor
3	Overview of ARM7, Introduction to ARMLPC2148, Load/Store architecture, GPIO register set, Serial communication using UART, External hardware Interfacing : Multiple LEDs, 7 segment display, LCD , DC motor.

