

**Projec(1) Digital Stop Watch :**

- *A simple stop watch using Atmega16 with timer interrupts and 7-segments.*

**project(2) Motor control :**

- **overview:** *take analog input from potentiometer , controlling both speed and direction of motor and displaing the speed on LCD .*
- **DRIVERS :**
  - *ADC.*
  - *LCD.*
  - **External interrupts (to change motor direction).**

**Project(3) SPI :**

communicate with two microcontrollers using SPI protocol.

All projects are simulated bu proteus.