

AVR Workshop

Electronics Technical Resource Team – IEEE Student Branch, Manipal

Hardware kit details:

- **1 AVR development board.**
 - **ATmega 16 microcontroller**
 - **3 on-board switches.**
 - **3 on-board LEDs.**
 - **2 on-board motor drivers (4 DC motors, 2 stepper motors).**
 - **In-build port for 16x2 LCD panel with attached potentiometer for contrast.**
 - **Specific port for sensors.**
 - **Male connectors.**
- **USB programmer for development board (with 1 USB to USB cable, 1 FRC cable).**
- **1 DC motor (specifications will be mentioned later).**
- **1 16x2 LCD panel.**

Software kit details:

- **AVR Studio.**
- **AVRdude .**
- **Drivers for USB programmer.**
- **Software for burning data onto development board.**

Versions of software will be informed at the installation session and by SMS earlier.