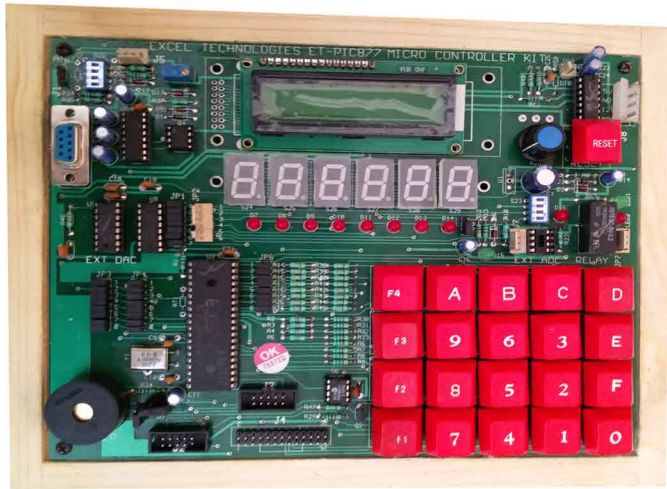




# MICRO CONTROLLER TRAINING KIT



## MODEL : ET-PIC

**ET-PIC** has been designed with the idea of providing a usefull and complete hardware platfrom to learn about the microchip's PIC Micro controller 16F877 which is one of the most popular controller in 40 pin category.

The Kit provides on board the general purpose hardware like LED Display, LCD Display, Keyboard matrix, digital inputs, EEPROMS interface, Infra Red sensors etc. so that the student can learn about interfacing these with the PIC chip.

A USB interface is also provided on the board. The system interacts with the PC through the USB interface.

Since the 16F877 is a Flash Micro controller, the controller can be programmed through the PC interface and the programs so downloaded can be executed by the system.

The Kit is provided with the necessary software and serial cables etc. The software is provided in a CD and it includes the MPLAB shareware software from Microchip which has many solved examples relating to different hardware etc.

### SPECIFICATIONS:

- Based on Microchip's PIC16F877
- On Board 16\*2 LCD Display
- On Board 6 digit seven segment Display

*Note : Specifications are subject to change due to our constant efforts for Improvement. Please refer to quotation for final specifications.*

- 4 \* 4 matrix Keyboard
- 4 separate pulled up Keys
- 8 indicating LED's
- On Board internal ADC of PIC
- On Board external ADC interface
- On Board Temperature sensor (NTC )
- CCP input ( RPM Measurement )
- PWM output ( Digital to Analog )
- On Board Buzzer output
- Pulse input ( Counter interface )
- On Board USB
- IIC serial EPROM interface
- On Board Infra Red Interface
- Built in Power Supply
- Enclosed in a wooden Box