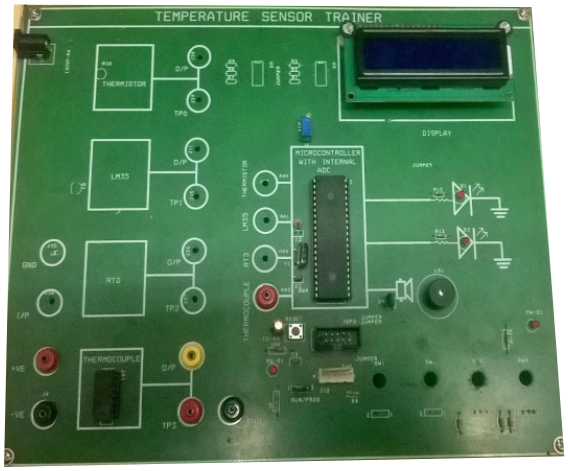
Temperature Sensor Trainer Kit



Introduction

- This trainer is used to perform all the experiments of
- TEMPERATURE SENSOR TRAINER.
- It is useful for experimentation as well as project work .
- This trainer is designed in fashion, all sections can be operate individually.
- This is useful for and B.Tech And M.Tech. For research / Project work we give Re-programmable facility & PC interface with Lab view Easy to perform,This trainer is very useful for ECE, EEE, EE, ME and I&C Engg streams.

Technical Specification

- On Board 4 different Kind Temperatures Sensor (LM 35 ,RTD ,Themister ,Thermocouple-j type)
- On Board Buzzer For conditioning alarm
- Banana Socket for each sensor input Individually
- On board power Supply ,Testing Socket
- On board selective toggle switch for selection to switch from one sensor to other.
- On board signal condition for each type of above temperature sensor.
- On board LCD (16X2) display for measuring o/p temperature.
- Based On PIC microcontroller.

Experiments

- To study Fundamental for Different kind Temperature Sensor .
- To measure the voltage VS temp for Each Given Temp. Sensor