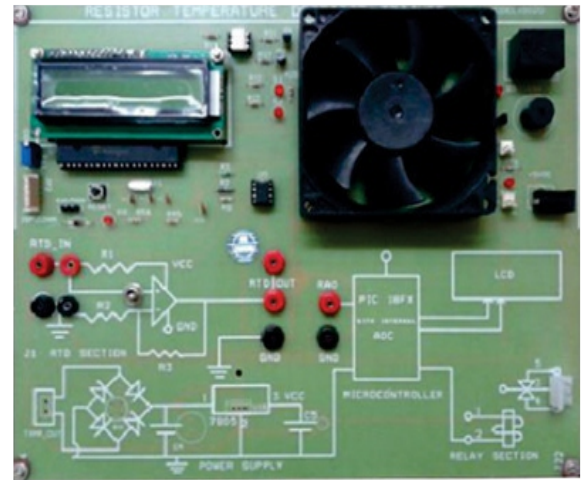


RTD Trainer kit



Introduction

- This trainer is used to perform all the experiments of RTD
- TRAINER KIT
- 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

- The complete circuit of RTD Transducer printed on P.C.B.
- Based On PIC Micro controller
- On Board LCD 16x2 display.
- For Alarming and control Relay switch to cut off system at high temperature with buzzer indication.
- Test points to measure resistance change according to temperature input.
- 12v Operated fan to cool down RTD sensor Temperature.
- On Board Power supply

Experiments

- To Learn Fundamental Of RTD measurement and control .
- To detect temperature of hot water with the help of \RTD sensor and compare with set point temperature using glass thermometer.
- To Study resistance characteristics behavior of RTD sensor with respect to temperature coefficient