

Transducers Lab:



List of major Equipments :

- 1)Flow transducers,
- 2) bourden tube
- 3)Dead weight tester
- 4)Redwood viscometer
- 5)pH meter
- 6) Strain Guage
- 7)Level sensor
- 8)RTD
- 9)Thermocouple
- 10)Thermistor

List of Experiments

- 1) To Study & plot characteristics of (RTD)
- 2)To Study &plot characteristics of thermistors.
- 3)To Study liquid level measurement using DP cell.
- 4)To study of Thermo well
- 5)To Study Linear variable differential transformer (LVDT).
- 6)To Study liquid level measurement by capacitance level sensor
- 7)To Study liquid level measurement using ultrasonic level sensor.
- 8)Study of Dead weight tester for calibration
- 9) Measurement of pressure using bellows, diaphragm, bourdon tube, manometer.
- 10) Test and calibration of pressure gauges using dead weight tester.
- 11)Measurement of flow using orifice/venturi tube / nozzle/ pitot tube.
- 12) Study and characterization of pH meter
- 13) Humidity measurement. & Viscosity measurement

