

Department of Electrical Engineering

Instrumentation Lab

EE-702

List of Experiments:

Cycle (1) :

1. Displacement Instrumentation.
2. Instrumentation of speed.
3. Instrumentation of Pressure.
4. Instrumentation of load / force / pressure
5. Instrumentation of temperature.
6. Instrumentation of stress / strain / load.

Cycle (2) :

7. Design, realization and testing of active filters.
8. Design and testing of Timer circuit.
9. Measurement of CMRR of given OP-Amp and design of Instrumentation amplifier, Simulation, realization and testing.
10. Interfacing of transducer with microprocessor and design of display features.