

Signal Conditioning Lab

List of Equipments:-



1. IGBT based Inverter
2. SCR Characteristics
3. Triac/Diac Characteristics
4. Instrumentation Amplifier
5. Triggering Circuit
6. PWM drive
7. Op-amp Characteristics
8. DC motor speed control
9. Triac based AC power control circuit
10. Astable, Monostable amplifiers using IC555

List of Experiments:-



- 1) Design of general signal conditioning circuit.
- 2) Design of absolute value circuit
- 3) Design of signal conditioning circuit of RTD/SCR
- 4) Various triggering circuits
- 5) IGBT based inverter
- 6) Half wave/full wave controlled rectifier
- 7) SCR Characteristics
- 8) PWM drive for induction motor using IGBT.