**POWER ELECTRONICS LAB**

**A. LIST OF EXPERIMENTS**

**1. Boost Converter Using IGBT**

**2. Voltage Commutated Chopper**

**3. 1-Ф Fully Controlled SCR Converter**

**4. Speed Control of Single Phase Capacitor Run Fan Motor**

**5. AC and DC Circuit Breaker**

**6. Illumination Control of Lamp**

**7. Buck Converter Using IGBT**

**8. Buck-Boost Converter using IGBT**

**9. Current Commutated Chopper**

**10. 1-Ф Inverter using IGBT**

**B. MINI PROJECT**

**1.** **1-Ф Fully Controlled SCR Converter**

**2.** **1-Ф AC Chopper using IGBT**

**3. Buck-Boost Converter using IGBT**

**4. Current Commutated Chopper**

**5. 1-Ф Inverter using IGBT**