

EE 6611 POWER ELECTRONICS& DRIVES LABORATORY

List of experiments

1. Gate pulse generation using R,RC & UJT
2. Characteristics of SCR & TRIAC
3. Characteristics of MOSFET and IGBT
4. AC to DC half-controlled converter
5. AC to DC fully controlled converter
6. Step down and step up MOSFET based choppers
7. IGBT based single-phase PWM inverter
8. IGBT based three-phase PWM inverter
9. AC Voltage Controller
10. Simulation of PE Circuits

