

Power Electronics Lab

List of Experiments

1. Gate firing circuits for SCR.
2. Single phase ac voltage controller with R and RL loads.
3. Single phase half controlled converter with R load.
4. Single phase fully controlled bridge rectifier with R and RL loads.
5. Forced commutation circuits (Class A, Class B, Class C, Class D & Class E).
6. DC Jones chopper with R and RL loads.
7. Single phase parallel inverter with R and RL load.
8. Single phase series inverter with R and RL load.
9. Single phase cycloconverter with R and RL loads.
10. Single phase Dual Converter with RL loads.
11. Operation of MOSFET based Chopper.
12. Three Phase Half Controlled Bridge Converter with R Load.
13. Single Phase Bridge Converter with R and RL Loads.