



List of Experiments

1. To study the V-I characteristics of SCR.
2. To study the V-I characteristics of TRIAC.
3. To study UJT characteristics.
4. To study SCR phase control.
5. To study SCR commutation techniques.
6. To study the performance of boost converter.
7. To study the performance of buck converter.
8. To study the operation of full bridge-controlled converter with R-Load.
9. To study single phase full bridge inverter.
10. To study single phase ac voltage controller
 - a. Based on SCR
 - b. Based on TRIAC

List of Major Equipment's

1. PEC16M1B Trainer Kit
2. PEC16M1C Trainer Kit
3. ME547D Trainer Kit
4. SCR-06 Trainer Kit
5. SCR commutation (ME-793) Trainer Kit
6. DC-DC Boost converter (VSMPS-06A)
7. DC-DC Buck converter (VSMPS-05A)

- 8.** SPBC-101 Trainer Kit
- 9.** PEC16M3 & 16HV2B Trainer Kit
- 10.** PEC14M14AC Trainer Kit