Power Electronics Lab

|  |  |  |
| --- | --- | --- |
| 1 | Power Electronics Lab | SCR TRIGGERING TRAINER KIT i. CRO ii. Loading rheostat iii. Digital multimeter |
| 2 | Power Electronics Lab | STUDY OF CHARACTERISTICS OF SCR, IGBT & MOSFET TRAINER KIT i. Regulated DC power supply ii. Multimeter |
| 3 | Power Electronics Lab | SINGLE PHASE FULL CONVERTER TRAINER KIT i. R and RL load ii. CRO and CRO probes iii. Multimeter |
| 4 | Power Electronics Lab | SINGLE PHASE AC VOLTAGE CONTROLLER TRAINER KIT i. Multimeter ii. R and RL load iii. CRO and CRO probes |
| 5 | Power Electronics Lab | SINGLE PHASE CYCLO CONVERTER TRAINER KIT i. CRO and CRO probes ii. Multimeter |
| 6 | Power Electronics Lab | SINGLE PHASE SEMI CONVERTER TRAINER KIT i. RL load ii. CRO and CRO probes iii. Multimeter |
| 7 | Power Electronics Lab | SINGLE PHASE DUAL CONVERTER TRAINER KIT i. Rheostat ii. connecting wires iii.Multimeter |
| 8 | Power Electronics Lab | BOOST CHOPPER TRAINER KIT i.CRO ii.voltmeter (MC)-2 |
| 9 | Power Electronics Lab | SINGLE PHASE PARALLEL INVERTER TRAINER KIT i. RPS ii. CRO and CRO probes iii. Multimeter |
| 10 | Power Electronics Lab | FORCED COMMUTATION CIRCUITS TRAINER KIT i.CRO ii. CRO probes iii. Multimeter |
| 11 | Power Electronics Lab | DC JONES CHOPPER TRAINER KIT WITH R AND RL LOAD i.CRO ii. CRO probes iii. Multimeter |
| 12 | Power Electronics Lab | THREE PHASE HALF CONTROLLED BRIDGE CONVERTER TRAINER KIT WITH R LOAD i. CRO ii. CRO probes iii. Multimeter |
| 13 | Power Electronics Lab | SINGLE PHASE SERIES INVERTER TRAINER KIT i. CRO ii. CRO probes iii. Multimeter |
| 14 | Power Electronics Lab | SINGLE BRIDGE CONVERTER TRAINER KIT WITH R AND RL LOAD i. CRO ii. CRO probes iii. Multimeter |
| 15 | Power Electronics Lab | Computers with Processor: Minimum i3 processor E7500(2.93GHZ), RAM:4GB, Hard Disk:500 GB Micro Soft licensed Operating System. |
| 16 | Power Electronics Lab | MATLAB software package |
| 17 | Power Electronics Lab | PSPICE software |