

POWER ELECTRONICS LAB

About the Lab:

Block 6, 622, First Floor, EEE Department, MAIT

Lab Incharge: Ms. Shashibala Aggarwal

Lab Assistant: Ms. Mridul Singh

Lab Attendant: Mr. Deshraj

Following practical subjects are practiced in the lab as per university curriculum:



LIST OF EQUIPMENTS

No.	EXPERIMENTAL BOARD NAME	QUANTITY
1	SCR CHARACTERSTICS	02
2	UJT CHARACTERSTICS	02
3	TRIAC CHARACTERSTICS	01
4	MOSFET CHARACTERSTICS	01
5	SCR CONTROLLED RECTIFIER	01
6	SCR COMMUTATION	01
7	BUCK BOOST CONVERTER	01
8	C TYPE CHOPPER	01
9	MORGON CHOPPER	01
10	JOHN'S CHOPPER	01
11	R & RC FIRING CIRCUIT	01
12	HALF WAVE CONVERTER	01
13	FULL WAVE CONVERTER	01
14	CYCOCONVERTER	01
15	SCR SINGLE PHASE CONTROL	01
16	1 PHASE PWM INVERTER	01
17	MULTIMETER	02
18	COMPUTER	03
19	CRO	06