

## 6 Power Electronics Lab

Sr. No	Details of Material	Quantity
1	SCR/TRIAC/DIAC/MOSFET/IGBT Characteristics	2
2	PE-1 Study of SCR characteristics , Study of SCR firing circuits	2
3	Single phase fully controlled converter with ½ HP PMDC Motor	1
4	Three phase fully controlled converter (Microcontroller based firing) 100W,5A lamp load	1
5	Three phase half controlled converter 100W,5A lamp load	2
6	Single phase dual converter with ½ H.P. PMDC Motor	1
7	Single phase cycloconverter feeding resistive load	2
8	Jones Chopper	3
9	Morgan's Chopper	3
10	Single phase/Three phase inverter with resistive/induction motor load	2
<b>Total Investment</b>		<b>2,53,670/-</b>