

Faculty of Electrical Engineering
M.E. Power Systems Engineering
(R 2021) Semester – I

Course Code: PS4111 Course Title: Power System Laboratory – I		
Sl. No.	Description of Equipment	Required numbers (for batch of 25 students)
1	Personal Desktop Computers (Intel Core i3, 500 GB, 4 - 8 GB RAM)	25 Nos
2	Server (Intel Core i3, 8 GB RAM) (High Speed Processor)	1
3	Printer	1
4	Software: EMTP / ETAP / MIPOWER / Matlab/ any Power system simulation software	5 User Licence
5	Compilers: C / C++	Original or Student Version

Faculty of Electrical Engineering

M.E. Power Systems Engineering

(R 2021) Semester – I

Course Code: PX4161 Course Title: Power Converters Laboratory		
Sl. No.	Description of Equipment	Required numbers (for batch of 25 students)
1	Arduino or Micro Controller or PIC microcontroller alongwith interfacing cable	5 Nos
2	CRO	5 Nos
3	Regulated Power Supply (0-30V, 2A)	5 Nos
4	Digital Multimeter	5 Nos
5	Personal Computers	25 Nos
6	Software (Any software related to Power Electronics & Drives)	5 License users
7	Printer	1 No.
Consumables (as per the requirement)		
9	IR2110	
10	Resistors	
11	Capacitors	
12	Diodes	
13	Single strand wires	