

Electives For M.E Power Electronics and Drives

SEMESTER I

SI No	Course code	COURSE TITLE	L	T	P	C
1	PS9214	System Theory	3	0	0	3
2	PE9251	Control System Design	3	0	0	3
3	PE9252	Advanced power semiconductor devices	3	0	0	3

ELECTIVE II & III

SI No	Course code	COURSE TITLE	L	T	P	C
4	PS9223	Flexible AC Transmissionsystems	3	0	0	3
5	PE9261	Power Quality	3	0	0	3
6	PE9262	Computer Aided Design of Power Electronics Circuits	3	0	0	3
7	PE9263	Non linear control	3	0	0	3
8	PE9264	Computer Aided Design of Instrumentation systems	3	0	0	3
9	PE9265	Advancedcontrol systems	3	0	0	3

ELECTIVE IV,V & VI

SI No	Course code	COURSE TITLE	L	T	P	C
10	PE9271	Electromagnetic Interference and Electromagnetic Compatibility	3	0	0	3
11	PS9276	Wind Energy Conversion Systems	3	0	0	3
12	PS9275	High Voltage Direct current Transmission	3	0	0	3
13	PE9272	Power Electronics for Renewable Energy Systems	3	0	0	3
14	PE9273	System Identification and Adaptive control	3	0	0	3
15	ET9274	Programming with VHDL	3	0	0	3
16	ET9272	Advanced Digital Signal Processing	3	0	0	3
17	ET9278	Application of MEMS Technology	3	0	0	3
18	PE9274	Modern Rectifiers and resonant Converters	3	0	0	3
19	PE9275	Soft Computing Techniques	3	0	0	3