

Periyar Nagar, Vallam Thanjavur - 613 403, Tamil Nadu, India
 Phone: +91 - 4362 - 264600 Fax: +91- 4362 - 264660
 Email: pmu@pmu.edu Web: www.pmu.edu



NAAC ACCREDITED

**B.E – ELECTRICAL AND ELECTRONICS ENGINEERING
 (SEVEN SEMESTER PART TIME)
 CURRICULUM 2008**

SEMESTER I

Code No.	Course Title	L	T	P	C
THEORY					
PEE101	Mathematics- I	3	1	0	3
PEE102	Applied Physics	3	0	0	3
PEE103	Applied Chemistry	3	0	0	3
PEE104	Electric Circuit Analysis	3	1	0	3
PRACTICAL					
PEE105	Electrical Circuit Lab	0	0	3	2

Total Hours: 17

Total Credits: 14

SEMESTER II

Code No.	Course Title	L	T	P	C
THEORY					
PEE201	Mathematics – II	3	1	0	3
PEE202	Electromagnetic Field Theory	3	1	0	3
PEE203	Electrical Machines – I	3	1	0	3
PEE204	Electronic Devices	3	0	0	3
PRACTICAL					
PEE205	Computer Programming Lab	0	0	3	2

Total Hours: 18

Total Credits: 14

SEMESTER III

Code No.	Course Title	L	T	P	C
THEORY					
PEE301	Electrical Machines – II	3	1	0	3
PEE302	Professional Ethics and Human Values (EEE)	3	0	0	3
PEE303	Control Systems	3	1	0	3
PEE304	Electronic Circuits	3	0	0	3
PRACTICAL					
PEE305	Electrical Machines Lab	0	0	3	2

Total Hours: 17**Total Credits: 14****SEMESTER IV**

Code No.	Course Title	L	T	P	C
THEORY					
PEE401	Power Electronics	3	0	0	3
PEE402	Protection & Switchgear	3	0	0	3
PEE403	Digital Logic Circuits	3	1	0	3
PEE404	Linear Integrated Circuits	3	0	0	3
PRACTICAL					
PEE405	Power Electronics Lab	0	0	3	2

Total Hours: 16**Total Credits: 14**

SEMESTER V

Code No.	Course Title	L	T	P	C
THEORY					
PEE501	Transmission and Distribution	3	0	0	3
PEE502	Measurements & Instrumentation	3	1	0	3
PEE503	Entrepreneurial Development Management	3	0	0	3
PEEE**	Elective –I	3	0	0	3
PRACTICAL					
PEE505	Control Systems Lab	0	0	3	2

Total Hours: 16**Total Credits: 14****SEMESTER VI**

Code No.	Course Title	L	T	P	C
THEORY					
PEE601	High Voltage Engineering	3	0	0	3
PEE602	Microprocessor and Microcontroller	3	1	0	3
PEE603	Power System Analysis	3	0	0	3
PEEE**	Elective – II	3	0	0	3
PRACTICAL					
PEE605	Microprocessor & Micro controller Lab	0	0	3	2

Total Hours: 16**Total Credits: 14**

SEMESTER VII

Code No.	Course Title	L	T	P	C
THEORY					
PEE701	Social Engineering	3	0	0	3
PEE702	Solid State Drives	3	0	0	3
PEEE**	Elective – III	3	0	0	3
PRACTICAL					
PEE704	Project	0	0	12	12

Total Hours: 21

Total Credits: 21

Over all Credits: 105

ELECTIVES

CODE NO.	COURSE TITLE	L	T	P	C
PEEE51	Design of Electrical Apparatus	3	0	0	3
PEEE52	Visual Languages and Applications	3	0	0	3
PEEE53	Advanced Control System	3	0	0	3
PEEE54	Electrical Energy Generation Utilization and Conservation	3	0	0	3
PEEE55	Special Electrical Machines	3	0	0	3
PEEE56	Communication Engineering	3	0	0	3
PEEE57	Power system operation and control	3	0	0	3
PEEE58	Bio-Medical Instrumentation	3	0	0	3
PEEE59	Artificial Intelligence and Expert Systems	3	0	0	3
PEEE60	Programmable logic controllers	3	0	0	3
PEEE61	Power plant Engineering	3	0	0	3
PEEE62	VLSI design	3	0	0	3
PEEE63	Power System Transients	3	0	0	3
PEEE64	Renewable Energy sources	3	0	0	3
PEEE65	Solid state relays	3	0	0	3