

School Name: School of Engineering

**Department Name: Department of Electrical, Electronics & Communication
Engineering Program Name: M.Tech. (M. Tech - Power System Engineering)**

Scheme: 2017-2019

SEMESTER I						
S.No	Course code	Course Title	L	T	P	C
1	MAT5001	Advanced Numerical & Statistical Methods	3	1	0	4
2	MPED5001	Analysis of Power Electronics Circuits	3	0	0	3
3	MPSE5001	Power System Operation and Control	3	0	0	3
4	MPSE5002	Advanced Power System Analysis	3	0	0	3
5	MPED5002	Power Electronics Applications in Power Systems	3	0	0	3
6	MPED5003	Digital Control	3	0	0	3
7	MPSE5003	Power System lab-I	0	0	2	1
SEMESTER II						
S.No	Course code	Course Title	L	T	P	C
1	CENG5001	Professional and Communication Skills	0	0	4	2
2	MPSE1601	Advanced Power System Protection	3	0	0	3
3	MPSE1602	HVDC Transmission	3	0	0	3
4	MPSE1603	Power System Transients	3	0	0	3
5	MPSE1604	Renewable Energy Sources	3	0	0	3
6	MPSE1605	Voltage Stability	3	0	0	3
7	MPSE1611	Power System Lab-II	0	0	2	1
SEMESTER III						
S.No	Course code	Course Title	L	T	P	C
1	MPSE2501	Power System Planning and Reliability	3	0	0	3
2	MPSE2502	Power System Dynamics and Stability	3	0	0	3
3	MPSE2503	Electrical Distribution Systems	3	0	0	3
4	MPSE2504	Power Quality	3	0	0	3
5	MPSE9998	Capstone Design-I	0	0	10	5
SEMESTER IV						
S.No	Course Code	Course Title	L	T	P	C
1	MPSE9999	Capstone Design-II	0	0	30	15