

School Name: School of Engineering

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

Scheme: 2019-2021

SEMESTER I						
S.No	Course Code	Course Title	L	T	P	C
1	MATH5001	Advanced Numerical & Statistical Methods	3	1	0	4
2	MPED1501	Analysis of Power Electronics Circuits	3	0	0	3
3	MPSE1501	Power System Operation and Control	3	0	0	3
4	MPSE1502	Advanced Power System Analysis	3	0	0	3
5	MPED1503	Digital Control	3	0	0	3
6	MPED1505	FACTS and HVDC	3	0	0	3
7	MPSE1511	Power System lab-I	0	0	2	1
SEMESTER II						
S.No	Course Code	Course Title	L	T	P	C
1	MPSE1601	Advanced Power System Protection	3	0	0	3
2	MPSE1603	Power System Transients	3	0	0	3
3	MPSE1606	Power Quality	3	0	0	3
4	MPSE1607	Power System Planning and Reliability	3	0	0	3
5	MPSE1608	Power System Planning in Deregulated Environment	3	0	0	3
6	MPSE1604	Renewable Energy Sources	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	MPSE2502	Power System Dynamics and Stability	3	0	0	3
2	MPED1602	Power Electronics Applications in Renewable Energy Systems	3	0	0	3
3	MPSE2505	Smart Grid and Energy Management	3	0	0	3
4	MPSE2611	Power Quality Lab	0	0	2	1
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