

**School Name: School of Engineering**

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

**Scheme: 2016-2018**

<b>SEMESTER I</b>						
<b>S.No</b>	<b>Course code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1	MAT502	Advanced Numerical & Statistical Methods	3	1	0	4
2	EEE511	Analysis of Power Electronics Circuits	3	0	0	3
3	EEE512	Power System Operation and Control	3	0	0	3
4	EEE513	Advanced Power System Analysis	3	0	0	3
5	EEE514	Power Electronics Applications in Power Systems	3	0	0	3
6	EEE515	Digital Control	3	0	0	3
7	EEE555	Power System lab-I	0	0	2	1
<b>SEMESTER II</b>						
<b>S.No</b>	<b>Course code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1	ENG584	Professional and Communication skills	0	0	4	2
2	EEE520	Advanced Power System Protection	3	0	0	3
3	EEE520	Advanced Power System Protection PBL	0	0	2	0
4	EEE521	HVDC Transmission	3	0	0	3
5	EEE522	Power System Transients	3	0	0	3
6	EEE523	Renewable Energy Sources	3	0	0	3
7	EEE546	Power System lab-II	0	0	2	1
8	EEE524	Voltage Stability	3	0	0	3
<b>SEMESTER III</b>						
<b>S.No</b>	<b>Course code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1	EEE616	Power System Planning and Reliability	3	0	0	3
2	EEE617	Power System Dynamics and Stability	3	0	0	3
3	EEE618	Electrical Distribution Systems	3	0	0	3
4	EEE615	Power Quality	3	0	0	3
5	EEE619	CAPSTONE DESIGN-I	0	0	10	5
<b>SEMESTER VI</b>						
<b>S.No</b>	<b>Course code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
1	EEE629	CAPSTONE DESIGN-II	0	0	30	15