

Prog.	Specializa	Group	Sem	Course Code	Course Title	L	T	P	Credits	Full Marks
M.Tech-EE	EEPS	Core	1	1EE631	Advance Power System	3	0	0	3	100
M.Tech-EE	EEPS	Core	1	1EE632	Modern Power System Operation And Control	3	0	0	3	100
M.Tech-EE	EEPS	EL-1	1	1EE6xx	Elective- I	3	0	0	3	100
M.Tech-EE	EEPS	EL-2	1	1EE6xx	Elective- II	3	0	0	3	100
M.Tech-EE	EEPS	EL-3	1	1xx6xx	Elective- III/Open Elective	3	0	0	3	100
M.Tech-EE	EEPS	Lab	1	1EE691	Advance Electrical Engineering Lab-I	0	0	6	4	100
M.Tech-EE	EEPS		1		<b>Semester Credit Total</b>	<b>12</b>	<b>0</b>	<b>6</b>	<b>19</b>	<b>500</b>
M.Tech-EE										
M.Tech-EE	EEPS	Core	2	2EE643	Power System Protection	3	0	0	3	100
M.Tech-EE	EEPS	EL-4	2	2EE6xx	Elective- IV	3	0	0	3	100
M.Tech-EE	EEPS	EL-5	2	2EE6xx	Elective-V	3	0	0	3	100
M.Tech-EE	EEPS	EL-6	2	2EE6xx	Elective-VI	3	0	0	3	100
M.Tech-EE	EEPS	EL-7	2	2xx6xx	Elective-VII/Open Elective	3	0	0	3	100
M.Tech-EE	EEPS	LAB	2	2EE692	Advance Electrical Engineering lab-II	0	0	6	4	100
M.Tech-EE	EEPS	LAB	2	2EE694	Seminar	0	0	3	2	100
M.Tech-EE	EEPS		2		<b>Semester Credit Total</b>	<b>12</b>	<b>0</b>	<b>9</b>	<b>21</b>	<b>600</b>
M.Tech-EE										
M.Tech-EE	EEPS	Lab	3	3EE695	Seminar and Comprehensive Viva -I	0	0	3	2	100
M.Tech-EE	EEPS	Lab	3	3EE697	Dissertation (to be continued in 4 <sup>th</sup> sem)	0	0	12	8	100
M.Tech-EE					<b>Semester Credit Total</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>10</b>	<b>200</b>
M.Tech-EE										
M.Tech-EE	EEPS	Lab	4	4EE696	Seminar and Comprehensive Viva -II	0	0	3	2	100
M.Tech-EE	EEPS	Lab	4	4EE698	Dissertation	0	0	15	10	100
M.Tech-EE	EEPS		4		<b>Semester Credit Total</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>12</b>	<b>200</b>
M.Tech-EE	EEPS				<b>Cumulative Total Credit</b>				<b>62</b>	<b>11500</b>
M.Tech-EE										
M.Tech-EE					<b>List of Electives</b>					
M.Tech-EE	EEPS	EL-x		xEE602	Advance Instrumentation	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE607	Microcontroller and Embedded System	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE635	Non- Conventional Energy System	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE636	Computer Aided Power System Analysis	3	0	0	3	FM
M.Tech-EE	EEPS	EL-x		xEE637	High Voltage Engineering	3	0	0	3	FM
M.Tech-EE	EEPS	EL-x		xEE638	Advance Electrical Machine	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE611	SCADA & Energy Management	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE618	Modern Optimization Techniques	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE641	Power System Stability and Control	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE642	System Theory	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE643	EHV Power Transmission	3	0	0	3	100

M.Tech-EE	EEPS	EL-x		xEE616	Industrial Drives and Control (PG)	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE644	HVDC Power Transmission	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE645	Flexible AC Transmission	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE647	Smart Grid Design and Analysis	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE646	Power Quality Management	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE648	Power Line Communication	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE649	Power System Planning and Reliability	3	0	0	3	100
M.Tech-EE	EEPS	EL-x		xEE650	Power System Dynamics and Stability	3	0	0	3	100