

Master of Electrical Engineering (EEUG) Power System- DD

Prog.	Specialization	Group	Sem	Course Code	Course Title	L	T	P	Credits
M.Tech-EE DD	EEPS	Core	1	1EE631	Advance Power System	3	0	0	3
M.Tech-EE DD	EEPS	Core	1	1EE632	Modern Power System Operation And Control	3	0	0	3
M.Tech-EE DD	EEPS	EL-1	1	1EE6xx	Elective- I	3	0	0	3
M.Tech-EE DD	EEPS	EL-2	1	1EE6xx	Elective- II	3	0	0	3
M.Tech-EE DD	EEPS	EL-3	1	1xx6xx	Elective- III/Open Elective	3	0	0	3
M.Tech-EE DD	EEPS	Lab	1	1EE691	Advance Electrical Engineering Lab-I	0	0	6	4
M.Tech-EE DD	EEPS		1		Semester Credit Total	12	0	6	19
M.Tech-EE DD									
M.Tech-EE DD	EEPS	Core	2	2EE643	Power System Protection	3	0	0	3
M.Tech-EE DD	EEPS	EL-4	2	2EE6xx	Elective- IV	3	0	0	3
M.Tech-EE DD	EEPS	EL-5	2	2EE6xx	Elective-V	3	0	0	3
M.Tech-EE DD	EEPS	EL-6	2	2EE6xx	Elective-VI	3	0	0	3
M.Tech-EE DD	EEPS	EL-7	2	2xx6xx	Elective-VII/Open Elective	3	0	0	3
M.Tech-EE DD	EEPS	LAB	2	2EE692	Advance Electrical Engineering lab-II	0	0	6	4
M.Tech-EE DD	EEPS	LAB	2	2EE694	Seminar	0	0	3	2
M.Tech-EE DD	EEPS		2		Semester Credit Total	12	0	9	21
M.Tech-EE DD									
M.Tech-EE DD	EEPS	Lab	3	3EE695	Seminar and Comprehensive Viva -I	0	0	3	2
M.Tech-EE DD	EEPS	Core	3	3ME701	Research Methodology	3	0	0	3
M.Tech-EE DD	EEPS	Lab	3	3EE697	Dissertation (to be continued in 4 th sem)	0	0	12	8
M.Tech-EE DD					Semester Credit Total	3	0	15	13
M.Tech-EE DD									
M.Tech-EE DD	EEPS	Lab	4	4EE696	Seminar and Comprehensive Viva -II	0	0	3	2
M.Tech-EE DD	EEPS	Lab	4	4EE698	Dissertation	0	0	15	10
M.Tech-EE DD	EEPS		4		Semester Credit Total	0	0	18	12
M.Tech-EE DD	EEPS				Cumulative Total Credit				65
M.Tech-EE DD									
M.Tech-EE DD					List of Electives				
M.Tech-EE DD	EEPS	EL-x		xEE602	Advance Instrumentation	3	0	0	3

M.Tech-EE DD	EEPS	EL-x		xEE607	Microcontroller and Embedded System	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE635	Non- Conventional Energy System	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE636	Computer Aided Power System Analysis	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE637	High Voltage Engineering	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE638	Advance Electrical Machine	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE611	SCADA & Energy Management	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE618	Modern Optimization Techniques	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE641	Power System Stability and Control	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE642	System Theory	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE643	EHV Power Transmission	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE616	Industrial Drives and Control (PG)	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE644	HVDC Power Transmission	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE645	Flexible AC Transmission	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE647	Smart Grid Design and Analysis	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE646	Power Quality Management	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE648	Power Line Communication	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE649	Power System Planning and Reliability	3	0	0	3
M.Tech-EE DD	EEPS	EL-x		xEE650	Power System Dynamics and Stability	3	0	0	3