

Prog.	Specialization	Group	Sem	Course Code	Course Title	L	T	P	Credits	Full Marks
M.Tech-EE	EECO	Core	1	1EE601	Advance Control System	3	0	0	3	100
M.Tech-EE	EECO	Core	1	1EE602	Advance Instrumentation	3	0	0	3	100
M.Tech-EE	EECO	EL-1	1	1EE6xx	Elective-I	3	0	0	3	100
M.Tech-EE	EECO	EL-2	1	1EE6xx	Elective-II	3	0	0	3	100
M.Tech-EE	EECO	EL-3	1	1xx6xx	Elective-III/Open Elective	3	0	0	3	100
M.Tech-EE	EECO	LAB	1	1EE691	Advance Electrical Engineering Lab-I	0	0	6	4	100
M.Tech-EE	EECO		1		Semester credit Total	12	0	6	19	500
M.Tech-EE										
M.Tech-EE	EECO	Core	2	2EE603	Digital control system	3	0	0	3	100
M.Tech-EE	EECO	EL-4	2	2EE6xx	Elective- IV	3	0	0	3	100
M.Tech-EE	EECO	EL-5	2	2EE6xx	Elective-V	3	0	0	3	100
M.Tech-EE	EECO	EL-6	2	2EE6xx	Elective-VI	3	0	0	3	100
M.Tech-EE	EECO	EL-7	2	2xx6xx	Elective-VII/Open Elective	3	0	0	3	100
M.Tech-EE	EECO	LAB	2	2EE692	Advance Electrical Engineering lab-II	0	0	6	4	100
M.Tech-EE	EECO	LAB	2	2EE694	Seminar	0	0	3	2	100
M.Tech-EE	EECO		2		Semester Credit Total	12	0	9	21	600
M.Tech-EE										
M.Tech-EE	EECO	Lab	3	3EE695	Seminar and Comprehensive Viva -I	0	0	3	2	100
M.Tech-EE	EECO	Lab	3	3EE697	Dissertation (to be continued in 4 th sem)	0	0	12	8	100
M.Tech-EE			3		Semester Credit Total	0	0	15	10	200
M.Tech-EE										
M.Tech-EE	EECO	Lab	4	4EE696	Seminar and Comprehensive Viva -II	0	0	3	2	100
M.Tech-EE	EECO	Lab	4	4EE698	Dissertation	0	0	15	10	100
M.Tech-EE	EECO		4		Semester Credit Total	0	0	18	12	200
M.Tech-EE	EECO				Cumulative Total Credit				62	11500
M.Tech-EE										
M.Tech-EE	EECO				List of Electives					
M.Tech-EE	EECO	EL-x		xEE605	Intelligent instrumentation	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE606	Non-Linear Control System	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE607	Microcontroller and Embedded System	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE608	System Modeling and Identification	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE609	Optimal Control Theory	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE610	State Estimation	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE611	SCADA and Energy Management	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE612	Process Control	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE614	Bio Medical Instrumentation	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE618	Modern Optimization Techniques	3	0	0	3	100

M.Tech-EE	EECO	EL-x		xEE615	Robotics and Robot Applications	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE616	Industrial Drive and Control (PG)	3	0	0	3	100
M.Tech-EE	EECO	EL-x		xEE619	Stochastic Process	3	0	0	3	100
M.Tech-EE	EECO	EL-x		XEC6xx	Digital Signal Processing	3	0	0	3	100
M.Tech-EE	EECO	EL-x		XEC6xx	VLSI Design	3	0	0	3	100