

**DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING
MTECH EPE**

I Year – I Semester

Course Structure

S.No	Course Code	Subject	L	P	C
1	13MEPE11	MODERN CONTROL THEORY	4		3
2	13MEPE12	MICROPROCESSOR AND MICRO CONTROLLER	4		3
3	13MEPE13	POWER SYSTEM CONTROL AND STABILITY	4		3
4	13MEPE14	EHVAC TRANSMISSION	4		3
5	13MEPE15	REACTIVE POWER COMPENSATION AND MANAGEMENT	4		3
6	13MEPE16A 13MEPE16B	ELECTIVE-I NEURAL NETWORK AND FUZZY SYSTEMS ADVANCED DIGITAL SIGNAL PROCESSING	4		3
7	13MEPE17	ELECTRICAL MACHINES LAB	-	3	2
8	13MEPE18	SIMULATION LAB-I	-	3	2
		CONTACT PERIODS/WEEK	24	6	22
			Total	30	

I Year – II Semester

S.No	Course Code	Subject	L	P	C
1	13MEPE21	FLEXIBLE AC TRANSMISSION SYSTEM	4		3
2	13MEPE22	HIGH VOLTAGE DC TRANSMISSION	4		3
3	13MEPE23	OPERATION AND CONTROL OF POWER SYSTEM	4		3
4	13MEPE24	ADVANCED POWER SYSTEM PROTECTION	4		3
5	13MEPE25	ENERGY CONVERSION SYSTEM	4		3
6	13MEPE26A 13MEPE26B	ELECTIVE-II PROGRAMABLE LOGIC CONTROLLERS ENERGY AUDITING, CONSERVATION AND MANAGEMENT	4		3
7	13MEPE27	POWER SYSTEM PROTECTION LAB	-	3	2
8	13MEPE28	SIMULATION LAB-II	-	3	2
		CONTACT PERIODS/WEEK	24	6	22
			Total	30	

II Year M.Tech I-Sem

S.No	Course Code	Subject	L	P	C
1	13MEPE31	SEMINAR	-	-	2
2	13MEPE32	COMPREHENSIVE VIVA VOCE	-	-	2
		CONTACT PERIODS/WEEK			4

II Year M.Tech II-Sem

S.No	Course Code	Subject	L	P	C
1	13MEPE41	PROJECT WORK			12
		CONTACT PERIODS/WEEK			12