

Course structure for 2-Year 4-Semester
M.Tech. Degree in Electrical Engineering (w. e. f. the academic year 2014 - 2015)

Semester I Examination
Theoretical

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MET11	Computational Methods	4	-	-	20	10	70	100	4
MET12	Advanced Electrical Machines	4	-	-	20	10	70	100	4
MET13	Embedded Systems	4	-	-	20	10	70	100	4
MET14	Elective Paper I	4	-	-	20	10	70	100	4

Practical

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MEP11	Advanced Electrical Machines Lab	-	1	7	50	-	50	100	4
MEP12	Embedded Systems Lab	-	1	7	50	-	50	100	4

Semester II Examination
Theoretical

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MET21	EHVAC, HVDC Transmission and FACTS	4	-	-	20	10	70	100	4
MET22	Advanced Electric Drives	4	-	-	20	10	70	100	4
MET23	Advanced Control System	4	-	-	20	10	70	100	4
MET24	Elective Paper II	4	-	-	20	10	70	100	4

Practical

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MEP21	Electric Drives and Control Lab	-	1	7	50	-	50	100	4
MEP22	Advanced Power Systems Lab	-	1	7	50	-	50	100	4

Semester III Examination

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MEP31	Seminar	-	2	6	50	-	50	100	4
MEP32	Project Phase I	-	4	12	50	-	150	200	8
MEP33	General Viva Voce	-	-	-	-	-	-	100	4

Semester IV Examination

PAPER NO.	SUBJECT	PERIODS			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MEP41	Project Phase II	-	8	24	100	-	300	400	16

