

**Course structure for 3-Year 6-Semester
Part Time M.Tech. Degree in Electrical Engineering with
specialization in Power Systems
(w. e. f. the academic year 2017 - 2018)**

**Semester I Examination
Theoretical**

PAPER NO.	SUBJECT	PERIODS per week			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MET11	Computational Intelligence	4	-	-	20	10	70	100	4
MET12	Advanced Electrical Machines	4	-	--	20	10	70	100	4

Practical

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

**Semester II Examination
Theoretical**

PAPER NO.	SUBJECT	PERIODS per week			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MET21	Embedded Systems	4	-	-	20	10	70	100	4
MET22	Elective Paper I	4	-	-	20	10	70	100	4

Practical

PAPER NO.	SUBJECT	PERIODS per week			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MEP21	Embedded Systems Lab	-	1	7	50		50	100	4

**Semester III Examination
Theoretical**

PAPER NO.	SUBJECT	PERIODS per week			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MET31	EHVAC, HVDC Transmission and FACTS	4	-	-	20	10	70	100	4
MET32	Advanced Electric Drives	4	-	--	20	10	70	100	4

Practical

PAPER NO.	SUBJECT	PERIODS per week			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MEP31	Advanced Power Systems Lab	-	1	7	50		50	100	4

**Semester IV Examination
Theoretical**

PAPER NO.	SUBJECT	PERIODS per week			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MET41	Advanced Control System	4	-	-	20	10	70	100	4
MET42	Elective Paper II	4	-	-	20	10	70	100	4

Practical

PAPER NO.	SUBJECT	PERIODS per week			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MEP41	Electric Drives and Control Lab	-	1	7	50		50	100	4

Semester V Examination

PAPER NO.	SUBJECT	PERIODS per week			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MEP51	Seminar	-	2	6	50	-	50	100	4
MEP52	Thesis Phase I	-	2	12	50	-	150	200	8
MEP53	General Viva Voce	-	-	-	-	-	-	100	4

Semester VI Examination

PAPER NO.	SUBJECT	PERIODS per week			EVALUATION SCHEME				CREDITS
		L	T	P	TA	CT	ESE	TOTAL	
MEP61	Thesis Phase II	-	8	24	100	-	300	400	16