

**Scheme of Teaching & Examination
M.Tech in Power Electronics**

III - Semester

S.N.	code	Subject	Periods per week			Scheme of marks		Total Credit
			L	T	P	ESE	IM	
1.	Ref Table	ELECTIVE-III	4	-	-	70	30	4
2.	Ref Table	ELECTIVE - IV	4	-	-	70	30	4
3.	MTECE333	Renewable Energy Sources Lab	-	-	3	30	20	2
4.	MTECE334	Project Work (Phase I)	-	-	24	140	60	12
Total			8		27	310	140	22

Elective - III

S.No	Subject code	Name of Subject
1.	MTECE3310	Static Var Control & Harmonic Filtering
2.	MTECE3311	Flexible AC Transmission Systems
3.	MTECE3312	Digital Controllers in Power Electronics Applications
4.	MTECE3313	Power Quality
5.	MTECE3314	Programmable Logic Controllers And Their Applications

Elective - IV

S.No	Subject code	Name of Subject
1.	MTECE3320	Fuzzy Systems
2.	MTECE3321	Digital Simulation of Power Electronic Systems
3.	MTECE3322	Electrical Energy Conservation and Management
4.	MTECE3323	Renewable Energy Sources
5.	MTECE3324	Machine Modeling And Analysis

P – Practical, IM – Internal Marks (Include Class Test & Teacher’s Assessments)

L – Lecture, T – Tutorial, ESE – End Semester Examination,

