

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

S.N.	code	Subject	Periods per week			Scheme of marks		Total Credit
			L	T	P	ESE	IM	
1.	MTECE130	Power Converters	4	-	-	70	30	4
2.	MTECE131	Microcontroller & Embedded System	4	-	-	70	30	4
3.	MTECE132	Power Electronic Circuits	4	-	-	70	30	4
4.	MTECE133	Industrial Control Electronics	4	-	-	70	30	4
5.	Ref Table	ELECTIVE - I	4	-	-	70	30	4
6.	MTECE135	Power Converters Lab	1	-	2	30	20	2
7.	MTECE136	Microcontroller & Embedded System Lab	1	-	2	30	20	2
8.	MTECE137	Power Electronic Circuits Lab	1	-	2	30	20	2
<b>Total</b>			<b>23</b>	<b>0</b>	<b>6</b>	<b>440</b>	<b>210</b>	<b>26</b>

**Elective - I**

S.No	Subject code	Name of Subject
1.	MTECE1340	Advance Control Theory
2.	MTECE1341	Power Systems Operation And Control
3.	MTECE1342	Energy Auditing, Conservation & Management
4.	MTECE1343	Advanced Power System Protection
5.	MTECE1344	Transient Over Voltages In Power Systems

L – Lecture, T – Tutorial, ESE – End Semester Examination,  
P – Practical, IM – Internal Marks (Include Class Test & Teacher's Assessments)























