

**Table 2: Course curriculum for M-Tech 2-years program (48 credits)**

Semester	Total Credit	Course Name	Course Code	Credit
1	9	Steady State Modeling of Power Systems	EE5207	1
		Computer Aided Power System Analysis	EE5217	2
		Basics of Power Electronic Converters	EE5227	1
		Analysis and Design of Power Electronic Converters	EE5237	2
		Dynamics of Power System Components	EE5247	2
		Power System Stability Analysis	EE5257	1
2	9	Analysis of DC Machines and Reference Frame Theory	EE5267	1
		Analysis of AC Machines	EE5277	2
		Departmental Electives	EE****,EE****,....	6
3	12	Departmental Electives	EE****,EE****,....	2
		Power System Lab	EE6201	2
		Power Electronics Lab	EE6211	2
		PEPS (2Y) Thesis Stage 1	EE6205	6
4	18	PEPS (2Y) Thesis Stage 2	EE6215	18
<b>Total: Core(16)+Dept. Elec. (8)+ Free Elec. (0)+ Thesis(24)</b>				<b>48</b>