

**Table 3: Course curriculum for M-Tech 3-years (August) program (48 credits)**

Semester	Total Credit	Course Name	Course Code	Credit
1	6	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
2	6	Analysis of DC Machines and Reference Frame Theory	EE5267	1
		Analysis of AC Machines	EE5277	2
		Departmental Electives	EE****,EE****,....	3
3	6	Dynamics of Power System Components	EE5247	2
		Power System Stability Analysis	EE5257	1
		Departmental Electives	EE****	1
		Power System Lab	EE6201	2
4	8	Departmental Electives	EE****,EE****,....	4
		PEPS (3Y) Thesis Stage 1	EE6225	4
5	10	Power Electronics Lab	EE6211	2
		PEPS (3Y) Thesis Stage 2	EE6235	8
6	12	PEPS (3Y) Thesis Stage 3	EE6245	12
<b>Total: Core(16)+Dept. Elec. (8)+ Free Elec. (0)+ Thesis(24)</b>				<b>48</b>