

Department of Electrical Engineering, IIT Hyderabad

Curriculum for M.Tech in Power Electronics and Power Systems

<b>Semester - 1</b>		
<b>Code</b>	<b>Course Title</b>	<b>Credits</b>
EE5200	Steady State Power System Analysis	3
EE5210	Power Converter Design	3
EE5230	Power System Dynamics and Control	3
EE5240	Electrical Machine Analysis and Control	3
SSxxxx	English Communication (EC)	1
SS5901	Industry Lectures (IL)	1
<b>Total Credits</b>		<b>14</b>
<b>Semester - 2</b>		
EE6201	Power Systems Lab	2
EE6211	Power Electronics Lab	2
EEXXXX	Electives Basket	8
<b>Total Credits</b>		<b>12</b>
<b>Semester - 3</b>		
EE6901	MTech Thesis Stage - 1	<b>12</b>
<b>Semester - 4</b>		
EE6902	MTech Thesis Stage - 2	<b>12</b>
<b>Total Credits</b>		50
<b>Total Credits (Excluding EC and IL)</b>		48