

Department of Electrical Engineering, IIT Hyderabad
Curriculum for 2-Year M.Tech in Power Electronics and Power System
(August 2025 Onwards)

Semester - 1		
Code	Course Title	Credits
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
LA5180	English Communication (EC)	1
EE5996	Industry Lectures (IL)	1
Total Credits		14
Semester - 2		
EE6201	Power Systems Lab	2
EE6211	Power Electronics Lab	2
EEXXXX	Electives Basket (Departmental electives)	8
Total Credits		12
Semester - 3		
EE6615	MTech Thesis Stage - 1	12
Semester - 4		
EE6625	MTech Thesis Stage - 2	12
Total Credits		50
Total Credits (Excluding EC and IL)		48