

COURSE STRUCTURE FOR M.TECH BY RESEARCH (POWER SYSTEMS)

First year (First Semester)

S. No.	Course Title	Periods			Credits
		L	T	P	
1	Real Time Control of Power System	3	0	0	3
2	Power Systems Protection	3	0	0	3
3	Mathematics	3	0	0	3
4	Research Methodology	2	0	0	2
5	Term Paper	0	0	6	6
Total		11	0	6	17

First year (Second Semester)

S. No.	Course Title	Periods			Credits
		L	T	P	
1	Elective – 3	3	0	0	3
2	Elective - 4	3	0	0	3
3	Mini Thesis	0	0	12	12
Total		6	0	12	18

Second year (Third & Fourth Semester) Thesis : 30 Credits

Total Credits : 65

Elective 1:

- 1) Distribution System Planning & Automation
- 2) EHVAC & HVDC Transmission
- 3) Power System Analysis & Dynamics

Elective 2:

- 1) FACTS
- 2) Modern Control theory
- 3) AI Techniques in Power Systems