

M.Tech. Power System

1st Semester: Power System Analysis, Computer Applications to Power System Analysis, Advanced Mathematics, Elective I (Power System Planning & Reliability, Power System transient and H.V. Engineering., Power Conditioning) Professional Skills, Computer Application to Power System Analysis Laboratory, Power System Laboratory, Seminar

2nd Semester: Power System Optimization & Control, Advanced Power Electronics, Research Methodology Elective II (Advanced Circuit Analysis and Design, Modern Control Theory, Power System & Instrumentation) Professional Skills, Power System Optimization & Control Laboratory, Advanced Power Electronics Laboratory, Seminar

3rd Semester: Advance Theory and Analysis of AC Machines, Power Quality & FACTS Devices, Power Generation Sources, AI Application to Power Systems, Professional Skills, Dissertation Part-I

4th Semester: Dissertation Part-II