

KLEF
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
2019-2020 ADMITTED M.TECH POWER SYSTEMS

		Course Code	Course Title	L	T	P	Cr
1	PCC	18EE5101	Power System Dynamics & stability	3	1	0	4
2	PCC	18EE5102	Advanced Power System Analysis	3	1	2	5
3	PCC	18EE5103	Deregulated Operation of Power Systems	3	1	0	4
4	PCC	18EE5104	Modern Control Theory	3	1	0	4
5	PCC	18EE5205	Real Time Control of Power System	3	1	2	5
6	PCC	18EE5206	AI Techniques in Power Systems	3	1	0	4
7	PCC	18EE5207	Smart Grids Technologies	3	1	0	4
8	PCC	18EE5208	Digital Protection of Power Systems	3	1	0	4
9	PEC		Elective – 1	3	0	0	3
10	PEC		Elective - 2	3	0	0	3
11	PEC		Elective – 3	3	0	0	3
12	PEC		Elective - 4	3	0	0	3
13	PRI	18IE5149	Seminar	0	0	4	2
14	PRI	18IE5250	Term Paper	0	0	4	2
15	PRI	18IE6050	Dissertation	0	0	72	36
Total Credits							86

Professional Elective-1

1	18EE51A1	Reactive Power Compensation & Management	3	0	0	3
2	18EE51A2	Distribution System Planning & Automation	3	0	0	3
3	18EE51A3	Power System Reliability	3	0	0	3

Professional Elective-2

1	18EE51B1	Alternative Sources of Electrical Energy	3	0	0	3
2	18EE51B2	Digital Signal Processors and Applications	3	0	0	3
3	18EE51B3	Optimization Techniques	3	0	0	3

Professional Elective-3

1	18EE52C1	FACTS DEVICES	3	0	0	3
2	18EE52C2	Energy Conservation & Audit	3	0	0	3
3	18EE52C3	Adaptive Control Systems	3	0	0	3

Professional Elective-4

1	19EE52D1	Floating Solar and Off Shore wind Technologies	3	0	0	3
2	18EE52D2	Power Quality	3	0	0	3
3	19EE52D3	Energy Management Systems	3	0	0	3