

DEPARTMENT OF ELECTRICAL ENGINEERING

M.Tech. (Power System Engineering)

[illegible]

Program Elective Courses (PSE)

Teaching Scheme					Contact Hours/Week			Exam Duration		Relative Weight (%)				
S. No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
1.	EEN-660	High Voltage Technique	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
2.	EEN-661	Power System Planning	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
3.	EEN-662	Power System Harmonics	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
4.	EEN-663	Flexible AC Transmission Systems	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
5.	EEN-664	Wind Energy	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
6.	EEN-665	Relaying and Switchgear	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
7.	EEN-666	Distribution System Automation	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
8.	EEN-667	Power System Reliability	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
9.	EEN-668	Digital Protection of Power Systems	PEC	4	3	0	2	3	-	10-25	25	15-25	30-40	-
10.	EEN-669	Power System Dynamics	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
11.	EEN-670	Substation Automation	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
12.	EEN-671	Power System Deregulation	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
13.	EEN-521	Digital Signal and Image Processing	PEC	4	3	0	2	3	-	10-25	25	15-25	30-40	-
14.	EEN-540	Advanced Power Electronics	PCC	4	3	1	2/2	3	-	15-30	20	15-25	30-40	-
15.	EEN-543	FACTS Devices	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
16.	EEN-651	Power Quality Improvement Techniques	PEC	4	3	0	2	3	-	10-25	25	15-25	30-40	-
17.	EEN-580	Advanced Linear Control Systems	PEC	4	3	1	2/2	3	-	15-30	20	15-25	30-40	-
18.	EEN-583	Non Linear and Robust Control	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
19.	EEN-681	Wide Area System Monitoring Control	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
20.	EEN-611	FPGA Implementation of Signal Processing Systems	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
21.	EEN-612	Electrical Transients in Power Systems	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
22.	EEN-613	Sliding Mode Control and Observation	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
23.	EEN-695	Modelling and Control of Sustainable Energy Systems	PEC	4	3	0	2	0	-	10-25	25	15-25	30-40	-