



Integral University, Lucknow
Department of Electrical Engg.
Study and Evaluation Scheme

Program: M. Tech. Power System Engineering

Semester III

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes							United Nations Sustainable Development Goals (SDGs)
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
THEORIES																					
1	EE611	FACTS Devices & HVDC Transmission	Core	4	0	0	40	20	60	40	100	4:0:0	4	√	√	√				9	
2	EE612	Power System Optimization	Core	4	0	0	40	20	60	40	100	4:0:0	4	√	√	√				7,11,12	
3		Departmental Elective-II	Core	4	0	0	40	20	60	40	100	4:0:0	4								
4		Departmental Elective-III	Elective	3	0	0	40	20	60	40	100	3:0:0	3								
PRACTICAL																					
5	EE632	Colloquium	Core	0	0	2	-	60	60	40	100	0:0:2	1	√	√	√				4,9	
6	EE699	M.Tech. Dissertation	Core	-	-	-	-	60	60	40	100	0:0:0	4	√	√	√				4,9	
Total				15	0	2	160	200	360	240	600		20								



Integral University, Lucknow
Department of Electrical Engg.
Study and Evaluation Scheme

Program: B. Tech. (Electrical Engg.)

List of Electives

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub Total	Credit	Total Credits	Attributes							United Nations Sustainable Development Goals (SDGs)
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
Departmental Elective I																					
1	EE521	High Voltage Testing Techniques	DE1	4	0	0	4	2	6	40	100	4:0:0	4	√	√	√				9	
	EE522	Power System Stability	DE1	4	0	0	4	2	6	40	100	4:0:0	4	√	√	√				7,9,12	
	EE523	Advance Electric Drives	DE1	4	0	0	4	2	6	40	100	4:0:0	4	√	√	√				9,12	
Departmental Elective II																					
2	EE613	Power Quality Assessment	DE2	4	0	0	4	2	6	40	100	4:0:0	4			√				9	
	EE614	Power System Restructuring & Deregulation	DE2	4	0	0	4	2	6	40	100	4:0:0	4			√				9,12	
	EE621	Soft Computing in Solar PV and Wind Energy Conversion Systems	DE2	4	0	0	4	2	6	40	100	4:0:0	4	√	√	√				7,9,11,13	
Departmental Elective III																					
3	EE616	SCADA Systems and Applications	DE3	3	0	0	4	2	6	40	100	3:0:0	3			√				9,11	
	EE617	Power System Transients	DE3	3	0	0	4	2	6	40	100	3:0:0	3	√	√	√				7	
	EE618	Testing and Maintenance of Electrical Power Apparatus	DE3	3	0	0	4	2	6	40	100	3:0:0	3	√	√	√				12	