

Curriculum Structure Master of Science (Electrical Power Engineering)

FULL-TIME DURATION			
FIRST SEMESTER	SECOND SEMESTER		
CORE COURSES	ESJ10103 Research Methodology	ELECTIVE COURSES	Elective Course 1
	ESJ10204 Advanced Power System Analysis & Control		Elective Course 2
	ESJ10304 Power System Protection	Elective Courses List: ESJ12103 High Voltage Insulation and Coordination ESJ12203 Distributed Generation ESJ12303 Artificial Intelligence Application in Power System ESJ12403 Lightning Protection and Grounding System Testing ESJ12503 Advanced Electrical Drive	
	ESJ10403 Advanced Power Electronics		
ESJ19106 Dissertation I	ESJ19214 Dissertation II		
CREDIT HOUR 20	CREDIT HOUR 20		
TOTAL UNIT FOR GRADUATION : 40 CREDIT HOUR			

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PART-TIME DURATION

	FIRST SEMESTER	SECOND SEMESTER	THIRD SEMESTER	FOURTH SEMESTER
CORE COURSES	ESJ10103 Research Methodology	Elective Course 1 Elective Course 2	CORE COURSE	ESJ19214 Dissertation II
	ESJ10204 Advanced Power System Analysis & Control	Elective Courses List: ESJ12103 High Voltage Insulation and Coordination ESJ12203 Distributed Generation ESJ12303 Artificial Intelligence Application in Power System ESJ12403 Lightning Protection and Grounding System Testing ESJ12503 Advanced Electrical Drive		
	ESJ10304 Power System Protection		ESJ19106 Dissertation I	
	CREDIT HOUR 11	CREDIT HOUR 6	CREDIT HOUR 9	CREDIT HOUR 14

TOTAL UNIT FOR GRADUATION : 40 CREDIT HOUR