

IV SEMESTER'S COURSE STRUCTURE

Semester I			Semester II		
Course Code	Course Name	Credit Hr.	Course Code	Course Name	Credit Hr.
MEPE 521	Power System Planning and Economics	3	MEPE 522	Electricity Market Design and Regulation	3
MEPE 503	Power System Analysis	3	MEPE 510	Power System Dynamics and Control	3
MEPE 505	Insulating Materials and Insulation Co-ordination	3	MEPE 504	Distribution System Design	3
	Elective 1	3		Elective 3	3
	Elective 2	3		Elective 4	3
Total Credit		15	Total Credit		15
Semester III			Semester IV		
Course Code	Course Name	Credit Hr.	Course Code	Course Name	Credit Hr.
	Prescribed 1	3	MEPE 580	Dissertation Work	15
	Prescribed 2	3			
	Problem Assessment Project	9			
Total Credit		15	Total Credit		15

Course: Elective 1/ Elective 3

Description: Specialized Specific to Department

List of Elective courses

Course Code	Name of Course	Credit Hr.
MEPE 516	Embedded Generation	3
MEPE 519	Power System reliability	3
MEPE 506	Power Electronics and Electrical Machines	3
MEPE 502	Social Impacts of Engineering System	3
MEPE 501	Financing and Economics of Power Systems	3

Course: Elective 2/ Elective 4

Description: Interdisciplinary

List of Elective courses

Course Code	Name of Course	Credit Hr.
MATH 501	Advanced Probability and Statistics	3
MEPG 511	System Safety and Reliability	3
ECPG 564	Statistical System Processing	3
ECPG 568	Embedded Systems	3

Course: Prescribed 1*

Description: Guided Course

Course Code	Name of Course	Credit Hr.
	Guided by supervisor or team of supervisors (Requiring specific knowledge for project/thesis)	3

Course: Prescribed 2*

Description: Modular/Seminar type

List of Prescribed courses

Course Code	Name of Course	Credit Hr.
MEPE 507	Tools and Techniques for Research and Project Work	3
MEPE 509	Renewable Energy System	3

**Courses those are more useful for thesis research.*