

VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR
TEACHING AND EXAMINATION SCHEME FOR M. TECH (POWER SYSTEM)

SEMESTER-I

Course Code	Course Name	Hrs/Week			Credits
		L	T	P	C
MBM 204	Research Methodology	3	-	-	3
MEE101	Computer Aided Analysis of Power System	3	1	-	3.5
MEE102	Power System Operation and Control	3	1	-	3.5
MEE 103	Restructuring of Power System Network	3	-	-	3
	Elective- I	3	-	-	3
MEE 104	Computer Aided Analysis of Power System lab	-	-	4	2
MEE 105	Seminar-I (Review of Literature)	-	-	4	2
	Total	15	2	8	20

L-Lecture; T-Tute; P-Practical

ELECTIVE I

- MEE 106 Modern Protection Methods
- MEE 107 Reactive Power Control and Facts
- MEE 108 AI Application to Power Systems
- MEE 109 Renewable Energy System

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SEMESTER-II

Course Code	Course Name	Hrs/Week			Credits
		L	T	P	C
MGT 103	Project Formulation and Appraisal Techniques	3		-	3
MEE 201	Distributed Generation & Control	3	1	-	3.5
MAT 156	Advance Mathematics	3	1	-	3.5
	Elective -II	3		-	3
	Elective - III	3	-	-	3
MEE 202	Power System Simulation Lab	-	-	4	2
MEE 203	Seminar-II (Review of Literature)			4	2
	Total	15	2	8	20

L-Lecture; T-Tute; P-Practical

ELECTIVE II

- MEE 204 Power Quality Monitoring
- MEE 205 Power System Planning Reliability & Economic Operations
- MEE 206 Soft Computing Techniques
- MEE 207 Power System- Networks and Utility

ELECTIVE III

- MEE 208 Modern Control Theory
- MEE 209 Power System Monitoring and Scada System
- MEE 210 Modeling and Analysis of Electrical Machines

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SEMESTER-III

Course Code	Course Name	Hrs/Week			Credits
		L	T	P	C
MEE 301	Internship			-	4
MEE 302	Dissertation part - I	-	-	-	8
MEE 303	Seminar-III(Review of Literature)	-	-	-	2
	Total			-	14

L-Lecture; T-Tute; P-Practical

SEMESTER-IV

Course Code	Course Name	Hrs/Week			Credits
		L	T	P	C
MEE 401	Dissertation Part –II	-	-	-	16
	Total				16

L-Lecture; T-Tute; P-Practical