

BVM Engineering College (An Autonomous Institution)**Electrical Engineering Department****M. Tech. Electrical Engineering****Semester 1**

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	501EE	Digital Simulation of Power Systems	3	0	2	5	4
2	502EE	Advanced Power Electronics	3	0	2	5	4
3	503EE	Advanced Power System Protection and Switchgear	3	0	2	5	4
4		Program Elective -I	3	0	2	5	4
5		Program Elective -II	3	0	2	5	4
Total			15	0	10	25	20

Program Elective - I

1	541EE	AI applications to Power System	3	0	2	5	4
2	542EE	Energy Auditing & Management	3	0	2	5	4
3	543EE	Alternate Sources of Energy	3	0	2	5	4

Program Elective - II

1	544EE	HVDC Transmission system	3	0	2	5	4
2	545EE	High Power Converters	3	0	2	5	4
3	546EE	Reactive Power Control	3	0	2	5	4

Semester 2

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	504EE	Power Quality Management	3	0	2	5	4
2	505EE	Advanced Electric Drives	3	0	2	5	4
3	506EE	Research Methodology and Intellectual Property Rights	1	0	2	3	2
4	507EE	Advance Electric Vehicles	3	0	2	5	4
5		Program Elective - III	3	0	2	5	4
6		Program Elective - IV	3	0	2	5	4
Total			16	0	12	28	22

Program Elective - III							
1	547EE	Synchronphasor Measurements and its Application	3	0	2	5	4
2	548EE	Morden Control Systems	3	0	2	5	4
3	549EE	Optimization Of Power System	3	0	2	5	4

Program Elective - IV							
1	550EE	Power System Planning and Reliability	3	0	2	5	4
2	551EE	Advanced Embedded Systems	3	0	2	5	4
3	552EE	Distributed Generation and Micro Grid	3	0	2	5	4

Semester 3

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	631EE	Dissertation - I	0	0	30	30	15
Total			0	0	30	30	15

Semester 4

Sr. No.	Course Code	Name of Course	L	T	P	H	C
1	632EE	Dissertation - II	0	0	30	30	15
Total Credits Distribution			31	0	82	113	72