

Master of Engineering (Power and Energy System Engineering) (RC 2023-24)
Three years Course
Semester I

Sr.No	Subject Name		Theory (credits)	Practical (credits)	Oral (credits)	Total Credits
MPE 611	Advanced Power Electronics	Theory	4	-	-	4
MPE 612	Non-conventional Energy Sources	Theory	4	-	-	4
MPE 67X	Elective I*	Theory	4	-	-	4
MPE 613	Power and Energy Lab I	Laboratory	-	1	-	1
					Total	13

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Semester II

Sr.No	Subject Name		Theory (credits)	Practical (credits)	Oral (credits)	Total Credits
MPE 621	Solid State AC/ DC drives	Theory	4	-	-	4
MPE 67X	Elective II*	Theory	4	-	-	4
MPE 622	Research Methodology and IPR	Theory	3	-	-	3
MPE 623	Power and Energy Lab II	Laboratory	-	1	-	1
					Total	12

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Semester III

Sr.No	Subject Name		Theory (credits)	Practical (credits)	Oral (credits)	Total Credits
MPE 631	Restructured Power Systems	Theory	4	-	-	4
MPE 68X	Elective III*	Theory	4	-	-	4
MPE 632	AI applications to Power systems	Theory	3	-	-	3
MPE 633	Power and Energy Lab III	Laboratory	-	1	-	1
					Total	12

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Semester IV

Sr.No	Subject Name		Theory (credits)	Oral (credits)	Total Credits
MPE 641	PV System Design	Theory	4	-	4
MPE 68X	Elective IV*	Theory	4	-	4
MPE 642	Mini Project	Project Presentation	-	3	3
MPE 643	Seminar	Presentation/Viva	-	2	2
				Total	13

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Semester V

Sr.No	Subject Name		Theory (credits)	Oral (credits)	Total Credits
MPE 69X	Elective V*	Theory	4	-	4
MPE 651	Internship	Project Presentation	-	4	4
MPE 652	Project Phase I	Presentation/Viva	-	8	8
				Total	16

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Semester VI

Sr.No	Subject Name		Theory (credits)	Practical (credits)	Oral (credits)	Total Credits
MPE 661	Project Phase II	Project Presentation/Viva	-	-	14	14
					Total	14