



MANDSAUR UNIVERSITY
MAKING FUTURE READY!

Mandsaur University

2024 Scheme of Examination

Semester	VI	BTech	Electrical and Electronics Engineering (Electric Vehicle Technology)
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S. No.	Category	Theory/ Practical	Subject Code	Subject Name	Maximum Marks Allotted			Hours/Week			Credits	Total Marks	Elective Information		
					End Sem Test (EST)	Mid Sem Test (MST)	(CET)	L	T	P			Base Code	Elective Subject Code	Elective Subject Name
1	PCC	Theory	24EEE3700 T	Special Electrical Machines	60	30	10	3	1	-	4	100	24EEE4000 T/P	24EEE4001 T/P	Communication Engineering
2	PCC	Theory	24EEE3800 T	Power Electronics	60	30	10	2	1	-	3	100		24EEE4002 T/P	Testing and Certification of Electric Hybrid Vehicles
3	PCC	Theory	24EEE3900 T	Power System-II	60	30	10	2	1	-	3	100		24EEE4003 T/P	Electrical Vehicles Controls and Drives
4	PEC	Theory	24EEE4000 T	Elective-VI	60	30	10	2	1	-	3	100	24EEE4100 T/P	24EEE4101 T/P	Power Quality Problems and Solutions
5	PEC	Theory	24EEE4100 T	Elective-VII	60	30	10	2	1	-	3	100		24EEE4102 T/P	Smart Grid and Energy Management
6	PCC	Practical	24EEE3800 P	Power Electronics	25	15	10	-	-	2	1	50		24EEE4103 T/P	Microcontroller & Embedded Systems
7	PCC	Practical	24EEE3900 P	Power System-II	25	15	10	-	-	2	1	50			
8	PEC	Practical	24EEE4000 P	Elective-VI	25	15	10	-	-	2	1	50			
9	PEC	Practical	24EEE4100 P	Elective-VII	25	15	10	-	-	2	1	50			
10	PCC	Practical	24EEE4200 P	Electrical CAD Lab	50	40	10	-	-	4	2	100			
11	EP	Practical	24EEE4300 P	Project Based Learning-VI	25	-	25	-	-	2	1	50			
12	BSC	Practical	24EEE4400 P	Quantitative Aptitude-II	25	-	25	-	-	2	1	50			
Total					500	250	150	11	5	16	24	900			

Prepared by
(BOS Coordinator)

Verified By
(HOD/BOS Chairperson)

Submitted by
(Dean Academics)

Approved by
(Vice Chancellor)