

**Mandsaur University**  
Scheme 2023  
Department of Electrical and Electronics Engineering  
Bachelor of Technology (Electrical and Electronics Engineering)  
**Semester V**

S. No.	Category	Subject Code	Subject Name	Theory			Practical		Hours/Week					Credits	Total Marks
				End Sem Test (EST)	Mid Sem Test (MST)	Continuous Evaluation	End sem	Mid Sem	Continuous Evaluation	L	T	P			
1	PCC	EEE200	Energy Conservation and Management	60	30	10	-	-	-	3	1	0	4	4	100
2	PCC	NEEE390	Switchgear & Protection	40	20	10	30	-	-	2	1	2	4	4	100
3	PCC	EEE390	Control System	40	20	10	30	-	-	2	1	2	4	4	100
4	PEC	EEE600	Elective-IV	40	20	10	30	-	-	2	1	2	4	4	100
5	PEC	EEE610	Elective-V	40	20	10	30	-	-	2	1	2	4	4	100
6	PCC	EEE620	Electrical Simulation Lab	-	-	-	50	-	50	0	0	4	2	2	100
<b>Total</b>											11	5	12	22	600

Elective-IV		
EEE601	Electrical Machine Design	EEE
EEE602	Flexible AC Transmission System	EEE
EEE603	Analog Electronics with VLSI circuits	EEE
EEE604	Industrial IoT 4.0	EEE (IoT)
EEE605	Wireless Sensor Network in IoT	EEE (IoT)
EEE606	Mobile Computing	EEE (IoT)

Elective-V		
EEE611	Microprocessors & Microcontroller	EEE
EEE612	Electrical Wiring, Estimating, Costing & Contracting	EEE
EEE613	Embedded Systems	EEE (IoT)
EEE614	IoT System Design	EEE (IoT)

Prepared & Submitted By  
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