

Chhattisgarh Swami Vivekanand Technical University Bhilai (C.G.)

SCHEME OF EXAMINATION DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

M.Tech. in Electrical Devices & Power System Engineering FIRST SEMESTER

S. NO.	Board of Study	Subject Code	Subject	Period per Week			Scheme of exam			Total Marks	Credit L+(T+P)/2
				L	T	P	Theory/Practical				
							ESE	CT	TA		
1	Electrical and Electronics Engg.	570111(25)	High Voltage Engineering	3	1	-	100	20	20	140	4
2	Electrical Engg.	559113(24)	Power System Protection	3	1	-	100	20	20	140	4
3	Electrical Engg.	559114(24)	Flexible AC Transmission System (FACTS)	3	1	-	100	20	20	140	4
4	Electrical and Electronics Engg.	570112(25)	Industrial Drive and Control	3	1	-	100	20	20	140	4
5	Refer Table-I		Elective-I	3	1	-	100	20	20	140	4
6	Electrical Engg.	570121(24)	Power System Protection Lab.	-	-	3	75	-	75	150	2
7	Electrical and Electronics Engg.	570122(25)	High Voltage Lab.	-	-	3	75	-	75	150	2
Total				15	5	6	650	100	250	1000	24

Table 1

Elective- I

S. No.	Board of Study	Subject Code	Subject
1	Electrical and Electronics Engg.	570131 (25)	Energy System
2	Electrical Engg.	559111(24)	Power System Dynamics
3	Electrical and Electronics Engg.	570132 (25)	Advanced Engineering Mathematics

Lecture T- Tutorial P- Practical ESE- End Semester Exam

CT- Class Test TA- Teachers Assessment

Note (1) – 1/4th of total strength of students subject to minimum of eighteen students is required to offer an elective in the college in a Particular academic session .

Note (2) – Choice of elective course once made for an examination cannot be changed in **future**

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

M.Tech. in Electrical Devices & Power System Engineering

2nd SEMESTER

S. NO.	Board of Study	Subject Code	Subject	Period per Week			Scheme of exam			Total Marks	Credit L+(T+P)/2
				L	T	P	Theory/Practical				
							ESE	CT	TA		
1	Electrical Engg.	559211 (24)	EHV-AC & DC	3	1	-	100	20	20	140	4
2	Electrical Engg.	559213 (24)	Power System Stability and Control	3	1	-	100	20	20	140	4
3	Electrical and Electronics Engg.	570211 (25)	Power System Automation	3	1	-	100	20	20	140	4
4	Electrical and Electronics Engg.	570212 (25)	Electro Mechanical Devices	3	1	-	100	20	20	140	4
5	Refer Table-II		Elective-II	3	1	-	100	20	20	140	4
6	Electrical and Electronics Engg.	570221(25)	Power System Automation Lab	-	-	3	75	-	75	150	2
7	Electrical Engg.	570222 (25)	Power System Simulation Lab	-	-	3	75	-	75	150	2
Total				15	5	6	650	100	250	1000	24

Table II

Elective- I

S. No.	Board of Study	Subject Code	Subject
1	Electrical and Electronics Engg.	570231 (25)	Power Quality and conditioning
2	Electrical and Electronics Engg.	570232 (25)	Artificial Intelligence and Neural Networking
3	Electrical and Electronics Engg.	570233 (25)	Processcontrol

Lecture T- Tutorial P- Practical ESE- End Semester Exam

CT- Class Test TA- Teachers Assessment

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

M.Tech. in Electrical Devices & Power System Engineering

3rd SEMESTER

S. No.	Board of Study	Subject Code	Subject	Periods Per Week			Scheme of exam			Total Marks	Credit L+(T+P)/2
				L	T	P	Theory/Practical				
							ESE	CT	TA		
1	Electrical and Electronics Engg	570311(25)	Power System Planning and Reliability	3	1	-	100	20	20	140	4
2	Refer table-III		Elective-III	3	1	-	100	20	20	140	4
3	Electrical and Electronics Engg.	570321 (25)	Preliminary work on Dissertation	-	-	28	100	-	100	200	14
4	Electrical and Electronics Engg.	570322 (25)	Technical Seminar	-	-	3	-	-	20	20	2
TOTAL				6	2	31	300	40	160	500	24

Table III

Elective- I

S. No.	Board of Study	Subject Code	Subject
1	Electrical and Electronics Engg.	570331 (25)	HVACDC Transmission
2	Electrical and Electronics Engg.	570332 (25)	Digital Signal Processing
4	Electrical and Electronics Engg.	570333 (25)	Electrical Energy Conservation

Lecture T- Tutorial P- Practical ESE- End Semester Exam

CT- Class Test TA- Teachers Assessment

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SCHEME OF EXAMINATION

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

M.Tech. in Electrical Devices & Power System Engineering

4th SEMESTER

s.no .	Board of Study	Subject Code	Subject	Periods Per Week			Scheme of exam			Total Marks	Credit L+(T+P)/ 2
				L	T	P	Theory/Practical				
							ESE	CT	TA		
4	Electrical and Electronics Engg.	570421 (25)	Dissertation + Seminar + Viva- Voce	6	-	34	300	-	200	500	23
TOTAL				6	-	34	300	-	200	500	23

Lecture T- Tutorial P- Practical ESE- End Semester Exam

CT- Class Test TA- Teachers Assessment