



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Electrical & Electronics Engineering

Semester – 3rd Sem

Scheme of Studies:

S. No.	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Electrical Engineering	2024351(024)	Electrical Circuits	2	-	1	3
2	Electrical Engineering	2024352(024)	Electrical and Electronic Measurements	2	-	1	3
3	Electrical Engineering	2024353(024)	DC Machines and Transformers	2	-	1	3
4	Electrical Engineering	2024354(024)	Electrical Drawing and CAD	3	-	0	3
5	Electrical & Electronics Engineering	2025355(025)	Basic Electronics	2	-	1	3
6	Electrical Engineering	2025361(024)	Electrical Circuits (Lab)	-	2	-	1
7	Electrical Engineering	2025362(024)	Electrical and Electronic Measurements (Lab)	-	2	-	1
8	Electrical Engineering	2025363(024)	DC Machines and Transformers (Lab)	-	2	-	1
9	Electrical & Electronics Engineering	2025364(025)	Basic Electronics (Lab)	-	2	-	1
10	Electrical Engineering	2024365(024)	Electrical Workshop Practice-I (Lab)	-	2	-	1
11	Humanities	-	Health, Hygiene and Yoga (Non-Credit Subject)	-	2	-	0
12			Library	-	2	-	0
Total				11	14	04	20
Total				29			

L- Lecture, T- Tutorial, P- Practical,

Lecture (L)→ CL Classroom Instruction (Includes different instructional Strategies i.e Lecture and others.)

Practical (P)→LI Laboratory Instruction (Includes practical performances in Laboratory workshop, field or other locations using different instructional strategies).

Tutorial (T)→ Includes sessional work (SW) (assignment, seminar, mini project etc), Self Learning (SL)



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Semester – 3rd Sem

Scheme of Examination:

S. No.	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical (PRA+PDA+Viva)		Total Marks
				ESE	CT	TA	ESE	TA	
1	Electrical Engineering	2024351 (024)	Electrical Circuits	70	20	30	-	-	120
2	Electrical Engineering	2024352 (024)	Electrical and Electronic Measurements	70	20	30	-	-	120
3	Electrical Engineering	2024353 (024)	DC Machines and Transformers	70	20	30	-	-	120
4	Electrical Engineering	2024354 (024)	Electrical Drawing and CAD	70	20	30	-	-	120
5	Electrical & Electronics Engineering	2025355 (025)	Basic Electronics	70	20	30	-	-	120
6	Electrical Engineering	2025361 (024)	Electrical Circuits (Lab)	-	-	-	30	50	80
7	Electrical Engineering	2025362 (024)	Electrical and Electronic Measurements (Lab)	-	-	-	30	50	80
8	Electrical Engineering	2025363 (024)	DC Machines and Transformers (Lab)	-	-	-	30	50	80
9	Electrical & Electronics Engineering	2025364 (025)	Basic Electronics (Lab)	-	-	-	30	50	80
10	Electrical Engineering	2024365 (024)	Electrical Workshop Practice-I (Lab)	-	-	-	30	50	80
11	Humanities	-	Health, Hygiene and Yoga (Non-Credit Subject)	-	-	-	-	-	-
Total				350	100	150	150	250	1000

ESE: End Semester Exam

CT: Class Test

TA: Teachers Assessment

PRA: Process Assessment, **PDA:** Product Assessment

- Note:** i. TA in Theory includes Sessional work (SW) and Attendance (ATT), with weightage of 70% and 30 % weightage of total respectively.
 ii. TA in Practical includes performance of PRA, PDA and Viva-Voce with weightage of 50%, 40% and 10 % weightage of total respectively.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Electrical & Electronics Engineering

Semester – 4th Sem

Scheme of Studies :

S.No	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Electrical & Electronics Engg.	2000451(025)	Digital Electronics	2	-	1	3
2	Electrical Engg.	2000452(025)	AC Machines	2	-	1	3
3	Computer Science & Engineering	2000455(022)	Computer Programming and Basic Networking	3	-	0	3
4	Electrical Engineering	2000454(024)	Electrical Power Generation, Transmission & Distribution	2	-	1	3
5	Electrical Engg / Electrical & Electronics Engg.	2000455(024) / 2000456(025)	Electrical Estimating and Costing* / Analog Electronics**	3	-	0	3
6	Electrical & Electronics Engg.	2000461(025)	Digital Electronics (Lab)	-	2	-	1
7	Electrical Engg.	2000462(024)	AC Machines (Lab)	-	2	-	1
8	Computer Science & Engineering	2000463(022)	Computer Programming and Basic Networking (Lab)	-	2	-	1
9	Electrical Engg.	2000464(024)	Electrical Power Generation, Transmission & Distribution (Lab)	-	2	-	1
10	Electrical Engg. / Electrical & Electronics Engg.	2000465(024) / 2000466(025)	Electrical Workshop Practice-II (Lab*) / Analog Electronics (Lab**)	-	2	-	1
11	-	-	Indian Constitution (Non Credit Subject)	-	2	-	0
Total				12	12	03	20
Total				27			

*Subject applicable for Electrical Branch

** Subject applicable for Electrical & Electronic Branch

L- Lecture,

T- Tutorial,

P- Practical,

Lecture (L)→ CL Classroom Instruction (Includes different instructional Strategies i.e Lecture and others.)

Practical (P)→LI Laboratory Instruction (Includes practical performances in Laboratory workshop, field or other locations using different instructional strategies).

Tutorial (T)→ Includes Sessional work (SW) (assignment, seminar, mini project,etc), Self Learnin (SL)

Note: Summer Internship (Industrial Training) of 4 weeks will be carried out in summer vacation after completion of 4th sem and evaluation will be done in 5th sem.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Electrical & Electronics Engineering

Semester – 4th Sem

Scheme of Examination:

S. No	Board of Study	Course Code	Course Titles	Scheme of Examination					Total Marks
				Theory			Practical (PRA+PDA+Viva)		
				ESE	CT	TA	ESE	TA	
1	Electrical & Electronics Engg.	2000451(025)	Digital Electronics	70	20	30	-	-	120
2	Electrical Engg.	2000452(025)	AC Machines	70	20	30	-	-	120
3	Computer Science & Engineering	2000455(022)	Computer Programming and Basic Networking	70	20	30	-	-	120
4	Electrical Engg. Engineering	2000454(024)	Electrical Power Generation, Transmission & Distribution	70	20	30	-	-	120
5	Electrical Engg / Electrical & Electronics Engg.	2000455(024) / 2000456(025)	Electrical Estimating and Costing* / Analog Electronics**	70	20	30	-	-	120
6	Electrical & Electronics Engg.	2000461(025)	Digital Electronics (Lab)	-	-	-	30	50	80
7	Electrical Engg.	2000462(024)	AC Machines (Lab)	-	-	-	30	50	80
8	Computer Science & engineering	2000463(022)	Computer Programming and Basic Networking (Lab)	-	-	-	30	50	80
9	Electrical Engg.	2000464(024)	Electrical Power Generation, Transmission & Distribution (Lab)	-	-	-	30	50	80
10	Electrical Engg. / Electrical & Electronics Engg.	2000465(024) / 2000466(025)	Electrical Workshop Practice-II (Lab*) / Analog Electronics (Lab**)	-	-	-	30	50	80
11	-	-	Indian Constitution (Non Credit Subject)	-	-	-	-	-	-
Total				350	100	150	150	250	1000

*Subject applicable for Electrical Branch

** Subject applicable for Electrical & Electronic Branch

ESE: End of semester exam

CT: Class Test

TA: Teachers Assessment

PRA: Process Assessment, PDA: Product Assessment

- Note:** i. TA in Theory includes Sessional work (SW) and Attendance (ATT), with weightage of 70% and 30 % weightage of total respectively.
ii. TA in Practical includes performance of PRA, PDA and Viva-Voce with weightage of 50%, 40% and 10 % weightage of total respectively.

Note: Summer Internship (Industrial Training) of 4 weeks will be carried out in summer vacation after completion of 4th semester and evaluation will be done in 5th sem.