



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

SCHEME OF TEACHING AND EXAMINATION

B.Tech (Third Semester – Electrical & Electronics Engineering)

Sl. No.	Board of Studies (BOS)	Courses (Subject)	Course Code	Period per Week			Scheme of Examination			Total Marks	Credit
				L	T	P	Theory/Lab				
							ESE	CT	TA		
1.	Basic Science	Mathematics - III	B000311(014)	3	1	-	100	20	30	150	4
2.	EEE	Electrical Circuit Analysis	B025312(025)	3	1	-	100	20	30	150	4
3.	EEE	Electrical Machine-I	B025313(025)	3	1	-	100	20	30	150	4
4.	EEE	Electronics Devices & Circuits	B025314(025)	2	1	-	100	20	30	150	3
5.	EEE	Renewable & Environment Engineering	B025315(025)	2	-	-	100	20	30	150	2
6.	EEE	Electrical Machine-I Lab	B025321(025)		-	2	40	-	20	60	1
7.	EEE	Electronics Devices & Circuits I Lab	B025322(025)		-	2	40	-	20	60	1
8.	EEE	Electrical Circuit Analysis Lab	B025323(025)		-	2	40	-	20	60	1
9.	EEE	Software Lab	B025324(025)		-	2	40	-	20	60	1
10.	Humanities	Personality Development	B000306(046)	-	-	2	-	-	10	10	-
Total Marks				13	4	10	660	100	240	1000	21

L-Lecture, T-Tutorial, P-Practical, ESE-End Semester Exam, CT- Class Test, TA-Teacher's Assessment

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

SCHEME OF TEACHING AND EXAMINATION

B Tech (ELECTRICAL& ELECTRONICS ENGINEERING) IV Semester

Sl. No.	Board of Studies (BOS)	Courses (Subject)	Course Code	Period per Week			Scheme of Examination			Total Marks	Credits
				L	T	P	Theory/Lab				
							ESE	CT	TA		
1.	EEE	Electro Magnetic Field	B025411(025)	3	1	-	100	20	30	150	4
2.	EEE	Electrical Machine-II	B025412(025)	3	1	-	100	20	30	150	4
3.	EEE	Network Analysis & Synthesis	B025413(025)	3	1	-	100	20	30	150	4
4.	EEE	Electrical Measurement & Instrumentation	B025414(025)	2	1	-	100	20	30	150	3
5.	EEE	Digital Electronics	B025415(025)	2	0	-	100	20	30	150	2
6.	EEE	Electrical Measurement & Instrumentation Lab	B025421(025)	-	-	2	40	-	20	60	1
7.	EEE	Electrical Machine-II Lab	B025422(025)	-	-	2	40	-	20	60	1
8.	EEE	Digital Electronics Lab	B025423(025)	-	-	2	40	-	20	60	1
9.	EEE	Virtual Lab	B025424(025)	-	-	2	40	-	20	60	1
10.	Non-Credit	Indian Culture and Constitution of India	B000406(046)	-	-	2	-	-	10	10	-
Total				13	4	10	660	100	240	1000	21

L: Lecture, T: Tutorial, P: Practical, ESE: End Semester Exam, CT: Class Test, TA: Teachers Assessment

Note: Duration of all theory papers will be of Three Hours.

Note:

1. Duration of End Semester Exam of all theory papers will be of Three Hours.
2. Industrial Training of eight weeks is mandatory for B.Tech.. Student. It is to be completed in two parts.
 - The first part will be in summer after IV semester after which students have to submit a training report which will be evaluated by the college teachers during B.E. V semester.



Chhattisgarh Swami Vivekanand Technical University (CSVTV, NEWAI (C.G.))

SCHEME OF TEACHING AND EXAMINATION

B Tech (Fifth Semester - ELECTRICAL & ELECTRONICS ENGINEERING)

Sl. No.	Board of Studies	Courses (Subject)	Course Code	L	T	P	Theory/Lab			Total Marks	Credits
							ESE	CT	TA		
1.	EEE	Signal & System	C025511(025)	3	1	-	100	20	30	150	4
2.	EEE	Control System	C025512(025)	3	1	-	100	20	30	150	4
3.	EEE	Electrical Power System-I	C025513(025)	3	1	-	100	20	30	150	4
4.	EEE	Micro Processor and Micro Controller	C025514(025)	2	1	-	100	20	30	150	3
5.	EEE	Professional Elective –I (Refer Table I)		2	0	-	100	20	30	150	2
6.	EEE	Control System Lab	C025521(025)	-	-	2	40	-	20	60	1
7.	EEE	Electrical Power System-I Lab	C025522(025)	-	-	2	40	-	20	60	1
8.	EEE	Micro Processor and Micro Controller Lab	C025523(025)	-	-	2	40	-	20	60	1
9.	EEE	Project-I based on Summer Internship/ Industrial Training	C025524(025)	-	-	2	40	-	20	60	1
10.	Civil Engg.	Environmental Studies	C000506(020)	-	-	2	-	-	10	10	-
Total				13	4	10	660	100	240	1000	21

L – Lecturer
P – Practical,
TA – Teacher’s Assessment

T – Tutorial,
ESE – End Semester Exam, CT – Class Test

Professional Elective I

S.N.	Board of Studies	Course Code	Subject
1	EEE	C025531(025)	Linear Integrated Circuit
2	EEE	C025532(025)	Electrical Machine Design
3	EEE	C025533(025)	Modern Instrumentation Techniques
4	EEE	C025534(025)	Wind and Solar Energy Systems
5	EEE	C025535(025)	Testing & Commissioning of Electrical Equipments

Note: (1) 1/4th of total strength of students subject to minimum of 20 students is required to offer and elective in the college in a particular academic session.

(2) Choice of elective course once made for an examination cannot be changed in future examinations.