



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Electronics & Telecommunication/Instrumentation/Computer Science & Engineering/Information Technology (Group-II)

Semester-I

Scheme of Studies :

Session-2020

S.No	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Humanities	2000171(046)	Communication Skills-I	2	-	1	3
2	Applied Science	2000172(014)	Applied Maths-I	2	-	1	3
3	Applied Science	2000174(015)	Applied Physics	2	-	1	3
4	Applied Science	2000178(011)	Applied Chemistry	2	-	1	3
5	Computer Science and Engineering	2000176(022)	Computer Fundamentals & Applications	2	-	0	2
6	Applied Science	2000190(015)	Applied Physics (Lab)	-	2	-	1
7	Applied Science	2000191(011)	Applied Chemistry (Lab)	-	2	-	1
8	Computer Science and Engineering	2000193(022)	Computer Fundamentals & Applications (Lab)	-	4	-	2
9	Electronics & Telecommunication Engineering	2000194(028)	Electronics Work Shop Practice	-	2	-	1
10	Humanities	2000193(046)	Seminar & Technical Presentation (Listening, Reading & Speaking) Skills	-	2	-	1
11	-	-	Library	-	2	-	-
12	-	-	Co-curricular & Academic Activity Societies	-	2	-	-
Total				10	16	04	20

L - Lecture, T - Tutorial, P – Practical

Legend:

Lecture (L) → CI 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)

Note: Leftover periods/week shall be utilized for Self Learning (SL) purpose.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Electronics & Telecommunication/Instrumentation/Computer Science & Engineering/Information Technology (Group-II)

Semester-I

Session-2020

Scheme of Examination:

S.No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	Humanities	2000171(046)	Communication Skills-I	70	20	30	-	-	120
2	Applied Science	2000172(014)	Applied Maths-I	70	20	30	-	-	120
3	Applied Science	2000174(015)	Applied Physics	70	20	30	-	-	120
4	Applied Science	2000178(011)	Applied Chemistry	70	20	30	-	-	120
5	Computer Science and Engineering	2000176(022)	Computer Fundamentals & Applications	70	20	30	-	-	120
6	Applied Science	2000190(015)	Applied Physics (Lab)	-	-	-	30	50	80
7	Applied Science	2000191(011)	Applied Chemistry (Lab)	-	-	-	30	50	80
8	Computer Science and Engineering	2000193(022)	Computer Fundamentals & Applications (Lab)	-	-	-	30	50	80
9	Electronics & Telecommunication Engineering	2000194(028)	Electronics Work Shop Practice	-	-	-	30	70	100
10	Humanities	2000193(046)	Seminar & Technical Presentation (Listening, Reading & Speaking) Skills	-	-	-	-	60	60
Total				350	100	150	120	280	1000

ESE: End of Semester Exam, CT: Class Test, TA: Teachers Assessment

Legend: PRA: Process Assessment, PDA: Product Assessment

- Note :**
- TA in Theory includes Sessional work (SW) and Attendance (ATT) with weightage of 70% and 30% of total respectively.
 - TA in Practical includes performance of PRA, PDA and Viva-Voce with weightage of 50%, 40% and 10% of total respectively.
 - 85% attendance is essential in theory & Practical classes to appear in examination.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Electronics & Telecommunication/Instrumentation/Computer Science & Engineering/Information Technology (Group-II)

Semester-II

Scheme of Studies:

Session-2020

S.No	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	Humanities	2000271(046)	Communication Skills-II	2	-	1	3
2	Applied Science	2000272(014)	Applied Maths-II	2	-	1	3
3	Civil Engineering	2000273(020)	Environmental Engineering & Sustainable Development	2	-	1	3
4	Computer Science and Engineering	2022274(022)	Programming in 'C'	2	-	1	3
5	Electronics & Telecommunication Engineering	2028275(028)	Basic Electronics Engineering	2	-	1	3
6	Computer Science and Engineering	2022290(022)	Programming in 'C' (Lab)	-	4	-	2
7	Electronics & Telecommunication Engineering	2028291(028)	Basic Electronics Engineering (Lab)	-	4	-	2
8	Humanities	2000292(046)	Seminar & Technical Presentation (Personality Development & Leadership) Skills	-	2	-	1
9	-	-	Library	-	2	-	-
10	-	-	Co-curricular & Academic Activity Societies	-	2	-	-
Total				10	14	05	20

L - Lecture, T - Tutorial, P – Practical

Legend:

Lecture (L) → CI 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)

Note: Leftover periods/week shall be utilized for Self Learning (SL) purpose.



Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Electronics & Telecommunication/Instrumentation/Computer Science & Engineering/Information Technology (Group-II)

Semester-II

Scheme of Examinations:

Session-2020

S.No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	Humanities	2000271(046)	Communication Skills-II	70	20	30	-	-	120
2	Applied Science	2000272(014)	Applied Maths-II	70	20	30	-	-	120
3	Civil Engineering	2000273(020)	Environmental Engineering & Sustainable Development	70	50	30	-	-	150
4	Computer Science and Engineering	2022274(022)	Programming in 'C'	70	50	50	-	-	170
5	Electronics & Telecommunication Engineering	2028275(028)	Basic Electronics Engineering	70	50	50	-	-	170
6	Computer Science and Engineering	2022290(022)	Programming in 'C' (Lab)	-	-	-	30	70	100
7	Electronics & Telecommunication Engineering	2028291(028)	Basic Electronics Engineering (Lab)	-	-	-	30	70	100
8	Humanities	2000292(046)	Seminar & Technical Presentation (Personality Development & Leadership) Skills	-	-	-	-	70	70
Total				350	190	190	60	210	1000

ESE: End of Semester Exam, CT: Class Test, TA: Teachers Assessment

Legend: PRA: Process Assessment, PDA: Product Assessment

- Note :**
- TA in Theory includes Sessional work (SW) and Attendance (ATT) with weightage of 70% and 30% of total respectively.
 - TA in Practical includes performance of PRA, PDA and Viva-Voce with weightage of 50%, 40% and 10% of total respectively.
 - 85% attendance is essential in theory & Practical classes to appear in examination.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Computer Science & Engineering

Semester - III

Scheme of Studies:

Session-2020

S. No	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	CSE	2022371(022)	Operating System with Linux	3	0	0	3
2	CSE	2022372(022)	Scripting Language (Python)	2	0	0	2
3	CSE	2022373(022)	Data Structure	3	0	0	3
4	CSE	2022374(022)	E-Commerce	2	0	0	2
5	Electronics and Telecommunication	2033375(028)	Digital Electronics	2	0	1	3
6	CSE	2022361(022)	Operating System with Linux (Lab)	0	4	0	2
7	CSE	2022362(022)	Scripting Language (Python) (Lab)	0	4	0	2
8	CSE	2022363(022)	Data Structure (Lab)	0	4	0	2
9	Electronics and Telecommunication	2033364(028)	Digital Electronics (Lab)	0	2	0	1
10	Humanities	2000365(046)	NSS/SPORTS/YOGA/TECHNICAL PRESENTATION/ LIBRARY ACTIVITIES	AS PER CSVTU MINUTES 08 HOURS ARE ALLOCATED TO MENTIONED ACITIVITES			
Total				12	14	1	20

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

Legend:- Lecture (L) --> CI : 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) --> SL : Self Learning.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Computer Science & Engineering

Semester - III

Scheme of Examination:

Session-2020

S. No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	CSE	2022371(022)	Operating System with Linux	70	30	30	0	0	130
2	CSE	2022372(022)	Scripting Language (Python)	70	30	30	0	0	130
3	CSE	2022373(022)	Data Structure	70	30	30	0	0	130
4	CSE	2022374(022)	E-Commerce	70	30	30	0	0	130
5	Electronics and Telecommunication	2033375(028)	Digital Electronics	70	30	30	0	0	130
6	CSE	2022361(022)	Operating System with Linux (Lab)	0	0	0	30	50	80
7	CSE	2022362(022)	Scripting Language (Python) (Lab)	0	0	0	30	50	80
8	CSE	2022363(022)	Data Structure (Lab)	0	0	0	30	50	80
9	Electronics and Telecommunication	2033364(028)	Digital Electronics (Lab)	0	0	0	30	50	80
10	Humanities	2000365(046)	Technical Presentation	0	0	0	0	30	30
Total				350	150	150	120	230	1000

ESE : End of Semester Exam, CT: Class Test, TA: Teachers Assessment

Legend :- PRA :Process Assessment, PDA : Product Assessment.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Computer Science & Engineering

Semester - IV

Scheme of Studies:

Session-2020

S.No	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+T+(P/2)
1	CSE	2022471(022)	Object Oriented Programming using C++	2	0	0	2
2	IT	2033472(033)	Computer Network	3	0	0	3
3	CSE	2022473(022)	Computer Organization & Microprocessor	2	0	1	3
4	CSE	2022474(022)	Database Management System	3	0	0	3
5	Mechanical	2000475(037)	Entrepreneurship Development & Management	2	0	1	3
6	CSE	2022461(022)	Object Oriented Programming using C++ (Lab)	0	4	0	2
7	IT	2033462(033)	Computer Network (Lab)	0	4	0	2
8	CSE	2022463(022)	Computer Organization & Mircoprocessor (Lab)	0	2	0	1
9	CSE	2022464(022)	Database Management System (Lab)	0	2	0	1
10	Humanities	2000465(046)	NCC / SPORTS / LIBRARY / HEALTH / TECHNICAL PRESENTATION ACTIVITIES	AS PER CSVTU MINUTES 12 HOURS ARE ALLOCATED TO MENTIONED ACITIVITES			
Total				12	12	2	20

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

Legend:- Lecture (L) --> CI : 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) --> SL : Self Learning.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Computer Science & Engineering

Semester - IV

Scheme of Examination:

Session-2020

S.No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	CSE	2022471(022)	Object Oriented Programming using C++	70	30	30	0	0	130
2	IT	2033472(033)	Computer Network	70	30	30	0	0	130
3	CSE	2022473(022)	Computer Organization & Microprocessor	70	30	30	0	0	130
4	CSE	2022474(022)	Database Management System	70	30	30	0	0	130
5	Mechanical	2000475(037)	Entrepreneurship Development & Management	70	20	30	0	0	120
6	CSE	2022461(022)	Object Oriented Programming using C++ (Lab)	0	0	0	30	50	80
7	IT	2033462(033)	Computer Network (Lab)	0	0	0	30	50	80
8	CSE	2022463(022)	Computer Organization & Mircoprocessor (Lab)	0	0	0	30	50	80
9	CSE	2022464(022)	Database Management System (Lab)	0	0	0	30	50	80
10	CSE	2000465(046)	Technical Presentation	0	0	0	0	40	40
Total				350	140	150	120	240	1000

ESE : End of Semester Exam,

CT: Class Test,

TA: Teachers Assessment

Legend :- PRA :Process Assessment, PDA : Product Assessment.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Computer Science & Engineering

Semester - V

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	CSE	2022571(022)	Web Script	2	0	1	3
2	CSE	2022572(022)	Java Programming	2	0	1	3
3	CSE	2022573(022)	Software Engineering	2	0	1	3
4	CSE	2022574(022)	Web Application Development	2	0	1	3
5	CSE	2022575(022)	IT Trends & Cyber Security	2	0	1	3
6	CSE	2022561(022)	Web Script (Lab)	0	2	0	1
7	CSE	2022562(022)	Java Java Programming (Lab)	0	2	0	1
8	CSE	2022563(022)	Web Application Development (Lab)	0	4	0	2
9	CSE	2022564(022)	Industrial Training	0	2	0	1
10	Humanities	2022565(046)	NCC / SPORTS / LIBRARY / HEALTH / TECHNICAL PRESENTATION ACTIVITIES	AS PER CSVTU MINUTES REST OF THE HOURS ARE ALLOCATED TO MENTIONED ACITIVITES			
Total				10	10	05	20

L - Lecture,

T - Tutorial,

P - Practical

Legend:- Lecture (L) --> CI : 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) --> SL : Self Learning.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Computer Science & Engineering

Semester - V

Scheme of Examination:

S.No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	CSE	2022571(022)	Web Script	70	30	30	0	0	130
2	CSE	2022572(022)	Java Programming	70	30	30	0	0	130
3	CSE	2022573(022)	Software Engineering	70	30	30	0	0	130
4	CSE	2022574(022)	Web Application Development	70	30	30	0	0	130
5	CSE	2022575(022)	IT Trends & Cyber Security	70	30	30	0	0	130
6	CSE	2022561(022)	Web Script (Lab)	0	0	0	30	50	80
7	CSE	2022562(022)	Java Java Programming (Lab)	0	0	0	30	50	80
8	CSE	2022563(022)	Web Application Development (Lab)	0	0	0	30	50	80
9	CSE	2022564(022)	Industrial Training	0	0	0	30	50	80
10	Humanities	2022565(046)	NCC / SPORTS / LIBRARY / HEALTH / TECHNICAL PRESENTATION ACTIVITIES	0	0	0	0	30	30
Total				350	150	150	120	230	1000

ESE : End of Semester Exam, CT: Class Test, TA: Teachers Assessment

Legend :- PRA :Process Assessment, PDA : Product Assessment.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Computer Science & Engineering

Semester - VI

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	IT	2033671(033)	Multimedia Technology	3	0	1	4
2	CSE	2022672(022)	Cloud Computing	2	0	1	3
3	CSE	2022673(022)	Computer Troubleshooting and Maintenance	2	0	1	3
4	CSE	2022674(022)	Mobile Application Development	2	0	1	3
5	CSE	2022661(022)	Cloud Computing (Lab)	0	2	0	1
6	CSE	2022662(022)	Computer Troubleshooting and Maintenance (Lab)	0	2	0	1
7	CSE	2022663(022)	Mobile Application Development (Lab)	0	2	0	1
8	CSE	2022664(022)	Major Project	0	4	0	2
9	IT	2022665(033)	Multimedia Technology (Lab)	0	4	0	2
10	Humanities	2022666(046)	NCC / SPORTS / LIBRARY / HEALTH / TECHNICAL PRESENTATION ACTIVITIES	AS PER CSVTU MINUTES REST OF THE HOURS ARE ALLOCATED TO MENTIONED ACITIVITES			
Total				9	14	4	20

L - Lecture,

T - Tutorial,

P - Practical

Legend:- Lecture (L) --> CI : 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) --> SL : Self Learning.

Chhattisgarh Swami Vivekanand Technical University, Bhila

Diploma in Computer Science & Engineering

Semester - VI

Scheme of Examination:

S.No	Board of Study	Course Code	Course Titles	Scheme of Examination					
				Theory			Practical		Total Marks
				ESE	CT	TA	ESE	TA	
1	IT	2033671(033)	Multimedia Technology	70	30	30	0	0	130
2	CSE	2022672(022)	Cloud Computing	70	30	30	0	0	130
3	CSE	2022673(022)	Computer Troubleshooting and Maintenance	70	30	30	0	0	130
4	CSE	2022674(022)	Mobile Application Development	70	30	30	0	0	130
5	CSE	2022661(022)	Cloud Computing (Lab)	0	0	0	30	50	80
6	CSE	2022662(022)	Computer Troubleshooting and Maintenance (Lab)	0	0	0	30	50	80
7	CSE	2022663(022)	Mobile Application Development (Lab)	0	0	0	30	50	80
8	CSE	2022664(022)	Major Project	0	0	0	80	50	130
9	IT	2022665(033)	Multimedia Technology (Lab)	0	0	0	30	50	80
10	Humanities	2022666(046)	NCC / SPORTS / LIBRARY / HEALTH / TECHNICAL PRESENTATION ACTIVITIES	0	0	0	0	30	30
Total				280	120	120	200	280	1000

ESE : End of Semester Exam, CT: Class Test, TA: Teachers Assessment

Legend :- PRA :Process Assessment, PDA : Product Assessment.