Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Artificial Intelligence

Semester-I

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	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 Artificial Intelligence

Semester-I

Scheme of Examination:

Session: 2024-25

S. No	Board of Study	Course Code	Course Titles	Theory ESE	Theory CT	Theory TA	Practical ESE	Practical TA	Total Marks
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 :
i. TA in Theory includes Sessional work (SW) and Attendance (ATT) with weightage of 70% and 30% of total respectively.
ii. TA in Practical includes performance of PRA, PDA and Viva-Voce with weightage of 50%, 40% and 10% of total respectively.
iii. 85% attendance is essential in theory & Practical classes to appear in examination.

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Artificial Intelligence

Semester-II

Scheme of Studies: **Session: 2024-25**

S. No	Board of Study	Course Code	Course Titles	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 Artificial Intelligence

Semester-II

Scheme of Examinations: Session: 2024-25

S.No	Board of Study	Course Code	Course Titles	Scheme of Examination					Total Marks
				Theory			**Practical**		
				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 : i. TA in Theory includes Sessional work (SW) and Attendance (ATT) with weightage of 70% and 30% of total respectively.

ii. TA in Practical includes performance of PRA, PDA and Viva-Voce with weightage of 50%, 40% and 10% of total respectively.

iii. 85% attendance is essential in theory & Practical classes to appear in examination.