

Chhattisgarh Swami Vivekanand Technical University, Bhilai

Diploma in Mechanical/Metallurgy/Mining/Chemical Engineering (Group-IB)

Semester - I

Scheme of Studies:

S.No	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit L+(P+T)/2
1	Humanities	200151 (46)	Communication Skills-I	3		1	4
2	Applied Science	200152 (14)	Applied Maths-I	3		1	4
3	Mechanical Engineering	200153 (37)	Applied Mechanics	3		1	4
4	Applied Science	200157 (14)	Applied Chemistry	3		1	4
5	Mechanical Engineering	200158 (37)	Engineering Drawing	2		4	4
6	Mechanical Engineering	200156 (37)	WorkShop Practice (Theory)	1			1
7	Mechanical Engineering	200161 (37)	Applied Mechanics Lab		3		2
8	Applied Science	200165 (14)	Applied Chemistry Lab		3		2
9	Mechanical Engineering	200163 (37)	WorkShop Practice (Practical)		6		3
10	Humanities	200164 (46)	Seminar & Technical Presentation Skill Part -I		1		1
Total				15	13	8	29

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)

Tutorial (T) --> SL : Self Learning.

Chhattisgarh Swami Vivekanand Technical University, Bilai

Diploma in Mechanical/Metallurgy/Mining/Chemical Engineering (Group-IB)

Semester – I

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	200151 (46)	Communication Skills-I	100	20	30			150
2	Applied Science	200152 (14)	Applied Maths-I	100	20	30			150
3	Mechanical Engineering	200153 (37)	Applied Mechanics	100	20	30			150
4	Applied Science	200157 (14)	Applied Chemistry	100	20	30			150
5	Mechanical Engineering	200158 (37)	Engineering Drawing	100	20	30			150
6	Mechanical Engineering	200156 (37)	WorkShop Practice (Theory)			30			30
7	Mechanical Engineering	200161 (37)	Applied Mechanics Lab				50	20	70
8	Applied Science	200165 (14)	Applied Chemistry Lab				50	20	70
9	Mechanical Engineering	200163 (37)	WorkShop Practice (Practical)				50	20	70
10	Humanities	200164 (46)	Seminar & Technical Presentation Skill Part -I					10	10
Total				500	100	180	150	70	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.

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Semester - II

Scheme of Studies:

S.No	Board of Study	Course Code	Course Titles	Scheme of Studies (Hours/Week)			
				L	P	T	Credit $L+(P+T)/2$
1	Humanities	200251 (46)	Communication Skills-II	4		1	5
2	Applied Science	200252 (14)	Applied Maths-II	3		1	4
3	Civil Engineering	200257 (20)	Environmental Engineering & Sustainable Development	3		1	4
4	Applied Science	200254 (14)	Applied Physics	3		1	4
5	Mechanical Engineering	200255 (37)	Basic Non-Conventional Energy Sources	1		1	2
6	Computer Science and Engineering	200258 (22)	Computer Fundamentals & Applications	1		2	2
7	Applied Science	200262 (14)	Applied Physics Lab		3		2
8	Mechanical Engineering	200263 (37)	Basic Non-Conventional Energy Sources Lab		3		2
9	Computer Science and Engineering	200265 (22)	Computer Fundamentals & Applications Lab		6		3
10	Humanities	200264 (46)	Seminar & Technical Presentation Skill Part-II		2		1
Total				15	14	7	29

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Practical (P) --> LI : Laboratory Instruction (Includes Practical performances in laboratory workshop, field or other locations)
Tutorial (T) --> SL : Self Learning.

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Diploma in Mechanical/Metallurgy/Mining/Chemical Engineering (Group-IB)

Semester - II

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	200251 (46)	Communication Skills-II	100	20	30			150
2	Applied Science	200252 (14)	Applied Maths-II	100	20	30			150
3	Civil Engineering	200257 (20)	Environmental Engineering & Sustainable Development	100	20	30			150
4	Applied Science	200254 (14)	Applied Physics	100	20	30			150
5	Mechanical Engineering	200255 (37)	Basic Non-Conventional Energy Sources			30			30
6	Computer Science and Engineering	200258 (22)	Computer Fundamentals & Applications	50	20	30			100
7	Applied Science	200262 (14)	Applied Physics Lab				50	20	70
8	Mechanical Engineering	200263 (37)	Basic Non-Conventional Energy Sources Lab				50	20	70
9	Computer Science and Engineering	200265 (22)	Computer Fundamentals & Applications Lab				100	20	120
10	Humanities	200264 (46)	Seminar & Technical Presentation Skill Part-II					10	10
Total				450	100	180	200	70	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.

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