

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

Course of study and Scheme Examination of Diploma First Semester (2005-06) in Civil/Mechanical/Electrical/Metallurgical
Engineering/Instrumentation/Production Technology/Mining/Mining & Mine Surveying

SEMESTER - I

S. No	Subject Code	Board of Study	Subject	Periods Per Week			Scheme of Examination					Total Marks	Credit L+[T+P]/2
							Theory			Practical			
				L	T	P	ESE	CT	TA	ESE	TA		
1	200111	Humanities	Communication Skill-I	3	1	-	100	20	20	-	-	140	4
2	200112	Basic Science	Applied Maths-I	3	2	-	100	20	20	-	-	140	4
3	200113	Basic Science	Applied Physics	3	1	-	100	20	20	-	-	140	4
4	200114	Basic Science	Applied Chemistry	3	1	-	100	20	20	-	-	140	4
5	200115	Civil Engg.	Environmental Engg.	3	1	-	100	20	20	-	-	140	4
6	200121	Mechanical Engg.	Work Shop Practice (Theory)	1	-	-	-	-	20	-	-	20	1
7	200122	Basic Science	Applied Physics Lab	-	-	3	-	-	-	50	20	70	2
8	200123	Basic Science	Applied Chemistry Lab	-	-	3	-	-	-	50	20	70	2
9	200124	Mechanical Engg.	Work Shop Practice (Practical)	-	-	8	-	-	-	100	40	140	4
Total				16	06	14	500	100	120	200	80	1000	29

L – Lecturer,

T – Tutorial,

P – Practical,

ESE – End Semester Exam,

CT – Class Test, TA – Teachers Assessment

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

DIPLOMA PROGRAMME IN MINING/MINING AND MINE SURVEYING

SEMESTER - II

COURSE OF STUDY AND SCHEME OF EXAMINATION

S. No	Board of Study	Subject Code	Subject	Periods/week			Scheme of Examination					Credit L+(T+P)/2	
				L	T	P	Theory			Practical			Total Marks
							ESE	CT	TA	ESE	TA		
1.	Humanities	200211 (46)	Communication Skill II	4	1	-	100	20	20	-	-	140	5
2.	Computer Science and Engg	200214 (22)	Computer fundamentals & its applications	4	1	-	100	20	20	-	-	140	5
3.	Mechanical Engg	200215 (37)	Engineering Drawing	2	4		100	20	20	-	-	140	4
4.	Mining Engg	239211 (39)	Elements of mining technology	4	1	-	100	20	20	-	-	140	5
5.	Mining Engg	239212(39)	Elements of mine surveying	4	1	-	100	20	20	-	-	140	4
6.	Computer Science and Engg	200221 (22)	Computer fundamentals & its applications			2	-	-	-	50	20	70	1
7.	Humanities	200224 (46)	PPA	-	-	2	-	-	-	-	40	40	1
8.	Mining Engg	239221(39)	Elements of mine surveying	-	-	2	-	-	-	50	20	70	1
9	Mining Engg	239222(39)	*Industrial Training	-	-	5	-	-	-	100	20	120	3
Total				18	8	11	500	100	100	200	100	1000	29

PPA - PROFICIENCY IN PROFESSIONAL ACTIVITY

L- LECTURE, T. TUTORIAL, P-PRACTICAL.

ESE- END OF SEMESTER EXAMINATION, CT-CLASS TEST, T – TEACHER’S ASSESSMENT.

* Industrial training: Students will undergo on industrial practical training for 2 months during 2nd sem.

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

DIPLOMA PROGRAMME IN MINING/MINING AND MINE SURVEYING

SEMESTER - III

COURSE OF STUDY AND SCHEME OF EXAMINATION

S. No	Board of Study	Subject Code	Subject	Period/week in Hours			Scheme of Examination					Credit L+(T+P)/2	
				L	T	P	Theory			Practical			Total Marks
							ESE	CT	TA	ESE	TA		
1.	Mech.	239311 (37)	Applied Mechanics	4	2	-	100	20	20	-	-	140	5
2.	Civil	239312 (20)	Basic Civil Engineering	4	2	-	100	20	20	-	-	140	5
3.	Mech.	239313 (37)	Basic Mechanical Engineering	4	2	-	100	20	20	-	-	140	5
4.	Mining Engg.	239314 (39)	Mine Environmental Engineering	4		-	100	20	20	-	-	140	5
5.	Mining Engg.	239315 (39)	Strata Control and Roof Support	4		-	100	20	20	-	-	140	5
6.	Mech.	239321 (37)	Applied Mechanics (Lab)			3	-	-	-	50	20	70	2
7.	Civil	239322 (20)	Basic Civil Engineering (Lab)	-	-	2	-	-	-	50	20	70	1
8.	Mech.	239323 (37)	Basic Mechanical Engineering (Lab)	-	-	2				50	20	70	1
9.	Mining Engg.	239324 (39)	Industrial Training/tour/ excursion/seminar	-	-	1	-	-	-	50	40	90	1
Total				20	8	8	500	100	100	200	100	1000	30

L: Lecture Hours, T: Tutorial Hours, P: Practical Hours,

ESE: End Sem Exam, CT: Class Test, TA: Teacher's Assessment

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DIPLOMA PROGRAMME IN MINING AND MINE SURVEYING

SEMESTER - IV

COURSE OF STUDY AND SCHEME OF EXAMINATION

S. No	Board of Study	Subject Code	Subject	Period/week in Hours			Scheme of Examination					Credit	
				L	T	P	Theory			Practical			Total Marks
							ESE	CT	TA	ESE	TA		
1.	Electrical Engg.	293411 (93)	Basic Electrical & Electronics	4	1	-	100	20	20	-	-	140	5
2.	Mining Engg.	239412 (39)	Applied Geology	4	2	-	100	20	20	-	-	140	5
3.	Mining Engg.	239413 (39)	Mine Safety and Legislation	4	1	-	100	20	20	-	-	140	5
4.	Mining and Mine Surveying	293414 (93)	Mine Surveying-I	4	2	-	100	20	20	-	-	140	5
5.	Mining Engg.	239415 (39)	Winning and working coal	4	2	-	100	20	20	-	-	140	5
6.	Electrical Engg.	293421 (93)	Basic Electrical & Electronics (Lab)	-	-	2	-	-	-	50	20	70	1
7.	Mining and Mine Surveying	293422 (93)	Applied Geology (Lab)	-	-	2	-	-	-	50	20	70	1
8.	Mining and Mine Surveying	293423 (93)	Mine Surveying-I (Lab)	-	-	3	-	-	-	50	20	70	2
9.	Mining and Mine Surveying	293424 (93)	Industrial Training/tour/excursion/seminar	-	-	1	-	-	-	50	40	90	1
Total				20	8	8	500	100	100	200	100	1000	30

L: Lecture Hours, T: Tutorial Hours, P: Practical Hours,

ESE: End Sem Exam, CT: Class Test, TA: Teacher's Assessment

* Industrial Training: Students will undergo on industrial practical training for 1 month during 4th semester