



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

SCHEME OF TEACHING AND EXAMINATION

B Tech (Third Semester – Mining 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.	Mining Engg.	Mine Development	B039312(039)	3	1	-	100	20	30	150	4
3.	Mining Engg.	Mine Ventilation-I	B039313(039)	3	1	-	100	20	30	150	4
4.	Mining Engg.	Mine Geology	B039314(039)	2	1	-	100	20	30	150	3
5.	Mechanical Engg.	Mechanics of Solids & Fluid Mechanics	B039315(037)	2	-	-	100	20	30	150	2
6.	Mining Engg.	Mine Development Lab	B039321(039)	-	-	2	40	-	20	60	1
7.	Mining Engg.	Mine ventilation-I Lab	B039322(039)	-	-	2	40	-	20	60	1
8.	Mining Engg.	Mine Geology Lab	B039323(039)	-	-	2	40	-	20	60	1
9.	Mining Engg.	Software Lab	B039324(039)	-	-	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 (CSV TU, NEWAI (C.G.))

SCHEME OF TEACHING AND EXAMINATION

B Tech (Fourth Semester - Mining Engineering)

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.	Mining Engg	Mine Surveying -I	B039411(039)	3	1	-	100	20	30	150	4
2.	Mining Engg	Underground Coal Mining	B039412(039)	3	1	-	100	20	30	150	4
3.	Mining Engg	Mine Machinery-I	B039413(039)	3	1	-	100	20	30	150	4
4.	Mining Engg	Surface Mining	B039414(039)	2	1	-	100	20	30	150	3
5.	ET&T	Basic Electronics & Instrumentation	B039415(028)	2	0	-	100	20	30	150	2
6.	Mining Engg	Mine Surveying -I Lab	B039421(039)	-	-	2	40	-	20	60	1
7.	Mining Engg	Underground Coal Mining Lab	B039422(039)	-	-	2	40	-	20	60	1
8.	Mining Engg	Mine Machinery-I Lab	B039423(039)	-	-	2	40	-	20	60	1
9.	Mining Engg	Virtual Lab	B039424(039)	-	-	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-Teacher's Assessment

Note:

- Duration of End Semester Exam of all theory papers will be of Three Hours.
- 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 – MINING ENGINEERING)

Sl. No.	Board of Studies	Courses (Subject)	Course Code	Period per Week			Theory/Lab			Total Marks	Credits
				L	T	P	ESE	CT	TA		
1.	Computer Sc. & Engg.	Numerical Analysis & Computer Programming	C039511(022)	3	1	-	100	20	30	150	4
2.	Mining Engg.	Mine Survey - II	C039512(039)	3	1	-	100	20	30	150	4
3.	Mining Engg.	Mine Legislation – I	C039513(039)	3	1	-	100	20	30	150	4
4.	Computer Sc. & Engg	Programming with C	C039514(022)	2	1	-	100	20	30	150	3
5.	Professional Elective –I(Refer Table I)			2	0	-	100	20	30	150	2
6.	Computer Sc. & Engg	Numerical Analysis & Computer Programming Laboratory	C039521(022)	-	-	2	40	-	20	60	1
7.	Mining Engg.	Mine Survey - II Laboratory	C039522(039)	-	-	2	40	-	20	60	1
8.	Computer Sc. & Engg	Programming with C Lab	C039523(022)	-	-	2	40	-	20	60	1
9.	Mining Engg.	Project-I based on Summer Internship/ Industrial Training	C039524(039)	-	-	2	40	-	20	60	1
10.	Non-Credit	Environmental Studies	C000506(020)	-	-	2	-	-	10	10	-
Total				13	4	10	660	100	240	1000	21

L – Lecturer ,T – Tutorial, P – Practical , CT –ClassTest ESE – End Semester Exam TA – Teacher's Assessment

Table I (Professional Elective I)

S.N.	Board of Studies	Course Code	Subject
1	Mining Engg.	C039531(039)	Under ground Metal Mining
2	Mining Engg.	C039532(039)	Small Scale & Dimensional Stone Mining

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.