



Chhattisgarh Swami Vivekanand Technical University (CSVTU, NEWAI (C.G.))

SCHEME OF TEACHING AND EXAMINATION

M. Tech (First 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.	Mining Engineering	Numerical Modelling in Ground Control	5039111(039)	3	1	-	100	20	20	140	4
2.	Mining Engineering	Applied Rock Mechanics	5039112(039)	3	1	-	100	20	20	140	4
3.	Mining Engineering	Surface Mining Machinery	5039113(039)	3	1	-	100	20	20	140	4
4.	Mining Engineering	Project Management	5039114(039)	3	1	-	100	20	20	140	4
5.	Elective-I (Refer Table I)			3	1	-	100	20	20	140	4
6.	Mining Engineering	Numerical Modeling in Ground Control Practical	5039121(039)	-	-	4	75	-	75	150	2
7.	Mining Engineering	Applied Rock Mechanics Practical	5039122(039)	-	-	4	75	-	75	150	2
Total Marks				15	5	8	650	100	250	1000	24

L- Lecture, T- Tutorial, P- Practical, ESE- End Semester Exam, CT- Class Test, TA- Teacher's Assessment

Table I (Elective I)

S.N.	Board of Studies	Course Code	Subject
1.	Mining Engineering	5039131(039)	Surface Mine Planning
2.	Mining Engineering	5039132(039)	Underground Mine Planning
3.	Mining Engineering	5039121(039)	Applied Geology in Mine Planning

Note (1) – 1/4th of total strength of students subject to minimum of twenty students is required to offer an elective in the college in a Particular academic session .

Note (2) – Choice of elective course once made for an examination cannot be changed in future examinations

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SCHEME OF TEACHING AND EXAMINATION

M. Tech (Second 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.	Mining Engineering	Mineral Exploration and Geostatistics	5039211(039)	3	1	-	100	20	20	140	4
2.	Mining Engineering	Computer Aided Mine Planning & Design	5039212(039)	3	1	-	100	20	20	140	4
3.	Mining Engineering	Advanced Mine Safety Engineering	5039213(039)	3	1	-	100	20	20	140	4
4.	Mining Engineering	Environmental Hazards and Disaster Management in Mines	5039214(039)	3	1	-	100	20	20	140	4
5.	Elective-II (Refer Table I)			3	1	-	100	20	20	140	4
6.	Mining Engineering	Mineral Exploration and Geostatistics Lab	5039221(039)	-	-	4	75	-	75	150	2
7.	Mining Engineering	Computer Aided Mine Planning & Design Lab	5039222(039)	-	-	4	75	-	75	150	2
Total Marks				15	5	8	650	100	250	1000	24

L- Lecture, T- Tutorial, P- Practical, ESE- End Semester Exam, CT- Class Test, TA- Teacher's Assessment

Table I (Elective II)

S.N.	Board of Studies	Course Code	Subject
1.	Mining Engineering	5039231(039)	Waste Management in Mines
2.	Mining Engineering	5039232(039)	Rock Slope Engineering
3.	Mining Engineering	5039233(039)	Underground Space Technology

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SCHEME OF TEACHING AND EXAMINATION

M. 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.	Mining Engineering	Environmental Aspects Of Mining	5039311(039)	3	1	-	100	20	20	140	4
2.	Mining Engineering	Planning and Design of Mine Ventilation Systems	5039312(039)	3	1	-	100	20	20	140	4
3.	Mining Engineering	Preliminary work on Dissertation	5039321(039)	-	-	28	100	-	100	200	14
4.	Mining Engineering	Seminar on Industrial Training and Dissertation	5039322(039)	-	-	4	-	-	20	20	2
Total Marks				6	2	32	300	40	160	500	24

L- Lecture, T- Tutorial, P- Practical, ESE- End Semester Exam, CT- Class Test, TA- Teacher's Assessment



Chhattisgarh Swami Vivekanand Technical University (CSVTU, NEWAI (C.G.))

SCHEME OF TEACHING AND EXAMINATION

M.Tech (Fourth Semester – Mining Engineering)

Sl. No.	Board of Studies (BOS)	Courses (Subject)	Course Code	Period per Week			Scheme of Examination			Total Mark	Credit
				L	T	P	Theory/Lab				
							ESE	CT	TA		
1.	Mining Engineering	Dissertation + Seminar + Viva-Voce	5039421(039)	6	-	34	300	-	200	500	2
Total Marks				6	-	34	300	-	200	500	24

L – Lecturer, T – Tutorial, P – Practical, CT –Class Test, ESE – End Semester Exam, TA – Teacher’s Assessment

Scheme of Marks Allotment

Semester	Total Marks	Grand Total
I	1000	3000
II	1000	
III	500	
IV	500	