

Scheme of
UNDERGRADUATE DEGREE COURSE

B.Tech. V & VI Semester

Mining Engineering



Rajasthan Technical University, Kota
Effective from session: 2019 – 2020



Teaching & Examination Scheme B.Tech. : Mining Engineering 3rd Year - V Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	ESC	5MI3-01	Remote Sensing and GIS	2	0	0	2	20	80	100	2
2	PCC	5MI4-02	Mine Ventilation	2	0	0	2	20	80	100	2
3		5MI4-03	Surface Mining	3	0	0	3	30	120	150	3
4		5MI4-04	Underground Coal Mining	3	0	0	3	30	120	150	3
5		5MI4-05	Mine Surveying II	2	0	0	2	20	80	100	2
6		5MI4-06	Rock Mechanics	2	0	0	2	20	80	100	2
7		5MI4-07	Rock Fragmentation	2	0	0	2	20	80	100	2
Sub Total				16	0	0		160	640	800	16
PRACTICAL & SESSIONAL											
8	PCC	5MI4-21	Computer Application in Mining	0	0	2	2	30	20	50	1
9		5MI4-22	Mine Ventilation	0	0	2	2	30	20	50	1
10		5MI4-23	Mine Surveying II	0	0	2	2	30	20	50	1
11		5MI4-24	Rock Mechanics	0	0	2	2	30	20	50	1
12	PSIT	5MI7-30	Industrial Training	0	0	1		75	50	125	2.5
13	SODE CA	5MI8-00	Social Outreach, discipline, Extra Curricular Activities						25	25	0.5
Sub- Total				0	0	9		195	155	350	7
TOTAL OF V SEMESTER				16	0	9		355	795	1150	23

L: Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

ETE: End Term Exam, **IA:** Internal Assessment



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech. : Mining Engineering 3rd Year - VI Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	ESC	6MI3-01	Professional Ethics and Disaster Management	2	0	0	2	20	80	100	2
2	PCC	6MI4-02	Underground Mine Hazards	2	0	0	2	20	80	100	2
3		6MI4-03	Dimensional Stone Technology	3	0	0	3	30	120	150	3
4		6MI4-04	Underground Metalliferrous Mining	3	0	0	3	30	120	150	3
5		6MI4-05	Mine Machinery II	2	0	0	2	20	80	100	2
6		6MI4-06	Mining Geology III	3	0	0	3	30	120	150	3
7		6MI4-07	Mine Safety Engineering	2	0	0	2	20	80	100	2
Sub Total				17	0	0		170	680	850	17
PRACTICAL & SESSIONAL											
8	PCC	6MI4-21	Underground Mine Hazards	0	0	2	2	30	20	50	1
9		6MI4-22	Dimensional Stone Technology	0	0	2	2	30	20	50	1
10		6MI4-23	Underground Metalliferrous Mining	0	0	2	2	30	20	50	1
11		6MI4-24	Mine Machinery II	0	0	2	2	30	20	50	1
12		6MI4-25	Mining Geology III	0	0	2	2	30	20	50	1
13		6MI4-26	Mine Safety Engineering	0	0	2	2	30	20	50	1
14	SODE CA	6MI8-00	Social Outreach, discipline, Extra Curricular Activities						25	25	0.5
Sub- Total				0	0	12		180	145	325	6.5
TOTAL OF VI SEMESTER				17	0	12		350	825	1175	23.5

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Office of Dean Academic Affairs
Rajasthan Technical University, Kota