



Mahakaushal University, Jabalpur



B.Tech in Mining Engineering

SUBJECT CODE		SUBJECT NAME	L	T	P	C	Sem	TH MAX	TH MIN	MS MAX	MS MIN	TQ MAX	TQ MIN	PR MAX	PR MIN	LW MAX	LW MIN	LQ MAX	LQ MIN	TOTAL	
BT0101-T	BT0101	T	ENGINEERING CHEMISTRY	3	1	0	4	01	70	22	20	8	10	4							100
BT0102-T	BT0102	T	ENGINEERING MATHEMATICS-I	3	1	0	4	01	70	22	20	8	10	4							100
BT0103-T	BT0103	T	COMMUNICATION SKILLS	3	1	0	4	01	70	22	20	8	10	4							100
BT0104-T	BT0104	T	BASIC ELECTRICALS & ELECTRONICS ENGINEERING	3	1	0	4	01	70	22	20	8	10	4							100
BT0105-T	BT0105	T	ENGINEERING GRAPHICS	3	1	0	4	01	70	22	20	8	10	4							100
BT0101-P	BT0101	P	ENGINEERING CHEMISTRY LAB	0	0	2	2	01							30	12	10	4	10	4	50
BT0103-P	BT0103	P	COMMUNICATION SKILLS LAB	0	0	2	2	01							30	12	10	4	10	4	50
BT0104-P	BT0104	P	BASIC ELECTRICALS & ELECTRONICS ENGINEERING LAB	0	0	2	2	01							30	12	10	4	10	4	50
BT0105-P	BT0105	P	ENGINEERING GRAPHICS LAB	0	0	2	2	01							30	12	10	4	10	4	50
BT0106-P	BT0106	P	WORKSHOP PRACTICE	0	0	2	2	01							30	12	10	4	10	4	50
TOTAL			15	5	10	30		350		100		50		150		50		50		750	

BT0201-T	BT0201	T	ENGINEERING PHYSICS	3	1	0	4	02	70	22	20	8	10	4							100
BT0202-T	BT0202	T	ENERGY, ENVIRONMENT, ECOLOGY & SOCIETY	3	1	0	4	02	70	22	20	8	10	4							100
BT0203-T	BT0203	T	BASIC MECHANICAL ENGINEERING	3	1	0	4	02	70	22	20	8	10	4							100
BT0204-T	BT0204	T	BASIC CIVIL ENGG. & ENGINEERING MECHANICS	3	1	0	4	02	70	22	20	8	10	4							100
BT0205-T	BT0205	T	BASIC COMPUTER ENGINEERING	3	1	0	4	02	70	22	20	8	10	4							100
BT0201-P	BT0201	P	ENGINEERING PHYSICS	0	0	2	2	02							30	12	10	4	10	4	50
BT0203-P	BT0203	P	BASIC MECHANICAL ENGINEERING LAB	0	0	2	2	02							30	12	10	4	10	4	50
BT0204-P	BT0204	P	BASIC CIVIL ENGG. & ENGINEERING MECHANICS LAB	0	0	2	2	02							30	12	10	4	10	4	50
BT0205-P	BT0205	P	BASIC COMPUTER ENGINEERING LAB	0	0	2	2	02							30	12	10	4	10	4	50
BT0206-P	BT0206	P	LANGUAGE LAB. & SEMINARS	0	0	2	2	02							30	12	10	4	10	4	50
TOTAL			15	5	10	30		350		100		50		150		50		50		750	

BT0301-T	BT0301	T	MATHEMATICS-II	3	1	0	4	03	70	22	20	8	10	4							100
BTMN0302-T	BTMN0302	T	INTRODUCTION TO MINING	3	1	0	4	03	70	22	20	8	10	4							100
BTMN0303-T	BTMN0303	T	BASIC ELECTRICAL ENGINEERING	3	1	0	4	03	70	22	20	8	10	4							100
BTMN0304-T	BTMN0304	T	MINING GEOLOGY-I	3	1	0	4	03	70	22	20	8	10	4							100
BTMN0305-T	BTMN0305	T	MINE SURVEYING-I	3	1	0	4	03	70	22	20	8	10	4							100
BTMN0303-P	BTMN0303	P	BASIC ELECTRICAL ENGINEERING LAB	0	0	2	2	03							30	12	10	4	10	4	50
BTMN0304-P	BTMN0304	P	MINING GEOLOGY-I LAB	0	0	2	2	03							30	12	10	4	10	4	50
BTMN0305-P	BTMN0305	P	SURVEYING-I LAB	0	0	2	2	03							30	12	10	4	10	4	50
BTMN0306-P	BTMN0306	P	COMPUTER PROGRAMMING LAB	0	0	2	2	03							30	12	10	4	10	4	50
BTMN0307-P	BTMN0307	P	SELF STUDY (INTERNAL ASSESSMENT)	0	0	2	2	03											50	20	50
BTMN0308-P	BTMN0308	P	SEMINAR / GROUP DISCUSSION	0	0	2	2	03											50	20	50
TOTAL			15	5	12	32		350		100		50		120		40		140		800	

BTMN0401-T	BTMN0401	T	MECHANICS OF SOLID & FLUID	3	1	0	4	04	70	22	20	8	10	4							100
BTMN0402-T	BTMN0402	T	UNDERGROUND COAL MINING	3	1	0	4	04	70	22	20	8	10	4							100
BTMN0403-T	BTMN0403	T	ENGINEERING MATERIAL	3	1	0	4	04	70	22	20	8	10	4							100
BTMN0404-T	BTMN0404	T	MINING GEOLOGY –II	3	1	0	4	04	70	22	20	8	10	4							100
BTMN0405-T	BTMN0405	T	MINING MACHINERY –I	3	1	0	4	04	70	22	20	8	10	4							100

BTMNO402-P	BTMNO402	P	UNDERGROUND COAL MINING LAB	0	0	2	2	04										30	12	10	4	10	4	50
BTMNO404-P	BTMNO404	P	MINING GEOLOGY –II LAB	0	0	2	2	04										30	12	10	4	10	4	50
BTMNO405-P	BTMNO405	P	MINING MACHINERY-I LAB	0	0	2	2	04										30	12	10	4	10	4	50
BTMNO406-P	BTMNO406	P	TOUR REPORT & VIVA-VOCE	0	0	2	2	04										30	12	10	4	10	4	50
BTMNO407-P	BTMNO407	P	SELF STUDY (INTERNAL ASSESSMENT)	0	0	2	2	04														50	20	50
BTMNO408-P	BTMNO408	P	SEMINAR / GROUP DISCUSSION	0	0	2	2	04														50	20	50
TOTAL				15	5	12	32		350		100		50		120		40		140					800

BTMNO501-T	BTMNO501	T	MINING MACHINERY -II	3	1	0	4	05	70	22	20	8	10	4										100
BTMNO502-T	BTMNO502	T	SURFACE MINE PRODUCTION	3	1	0	4	05	70	22	20	8	10	4										100
BTMNO503-T	BTMNO503	T	MINE LEGISLATION-I	3	1	0	4	05	70	22	20	8	10	4										100
BTMNO504-T	BTMNO504	T	MINE SURVEYING-II	3	1	0	4	05	70	22	20	8	10	4										100
BTMNO505-T	BTMNO505	T	UNDERGROUND METAL MINING	3	1	0	4	05	70	22	20	8	10	4										100
BTMNO501-P	BTMNO501	P	MINING MACHINERY -II LAB	0	0	2	2	05										30	12	10	4	10	4	50
BTMNO504-P	BTMNO504	P	MINE SURVEYING-II LAB	0	0	2	2	05										30	12	10	4	10	4	50
BTMNO505-P	BTMNO505	P	UNDERGROUND METAL MINING LAB	0	0	2	2	05										30	12	10	4	10	4	50
BTMNO506-P	BTMNO506	P	SOFTWARE LAB	0	0	2	2	05										30	12	10	4	10	4	50
BTMNO507-P	BTMNO507	P	SELF STUDY (INTERNAL ASSESSMENT)	0	0	2	2	05														50	20	50
BTMNO508-P	BTMNO508	P	SEMINAR / GROUP DISCUSSION	0	0	2	2	05														50	20	50
TOTAL				15	5	12	32		350		100		50		120		40		140					800

BTMNO601-T	BTMNO601	T	BLASTING ENGINEERING	3	1	0	4	06	70	22	20	8	10	4										100
BTMNO602-T	BTMNO602	T	MINE HEALTH & SAFETY	3	1	0	4	06	70	22	20	8	10	4										100
BTMNO603-T	BTMNO603	T	MINE HAZARD	3	1	0	4	06	70	22	20	8	10	4										100
BTMNO604-T	BTMNO604	T	SUB SURFACE ENVIRONMENT	3	1	0	4	06	70	22	20	8	10	4										100
BTMNO605-T	BTMNO605	T	MINE LEGISLATION-II	3	1	0	4	06	70	22	20	8	10	4										100
BTMNO601-P	BTMNO601	P	BLASTING ENGINEERING LAB	0	0	2	2	06										30	12	10	4	10	4	50
BTMNO603-P	BTMNO603	P	MINE HAZARD LAB	0	0	2	2	06										30	12	10	4	10	4	50
BTMNO604-P	BTMNO604	P	SUB SURFACE ENVIRONMENT LAB	0	0	2	2	06										30	12	10	4	10	4	50
BTMNO606-P	BTMNO606	P	MINOR PROJECT-I	0	0	2	2	06										30	12	10	4	10	4	50
BTMNO607-P	BTMNO607	P	SELF STUDY (INTERNAL ASSESSMENT)	0	0	2	2	06														50	20	50
BTMNO608-P	BTMNO608	P	SEMINAR / GROUP DISCUSSION	0	0	2	2	06														50	20	50
TOTAL				15	5	12	32		350		100		50		120		40		140					800

BTMNO701-T	BTMNO701	T	MINE PLANNING	3	1	0	4	07	70	22	20	8	10	4										100
BTMNO702-T	BTMNO702	T	ENVIRONMENT MANAGEMENT IN MINE	3	1	0	4	07	70	22	20	8	10	4										100
BTMNO703-T	BTMNO703	T	ROCK MECHANICS	3	1	0	4	07	70	22	20	8	10	4										100
BTMNO704-T	BTMNO704	T	ADVANCED MINE SURVEYING	3	1	0	4	07	70	22	20	8	10	4										100
BTMNO705(A)-T	BTMNO705(A)	T	Rock Stability Engineering	3	1	0	4	07	70	22	20	8	10	4										100
BTMNO702-P	BTMNO702	P	ENVIRONMENT MANAGEMENT IN MINE LAB	0	0	2	2	07										30	12	10	4	10	4	50
BTMNO703-P	BTMNO703	P	ROCK MECHANICS LAB	0	0	2	2	07										30	12	10	4	10	4	50
BTMNO704-P	BTMNO704	P	ADVANCED MINE SURVEYING LAB	0	0	2	2	07										30	12	10	4	10	4	50
BTMNO706-P	BTMNO706	P	MINOR PROJECT-II	0	0	4	4	07										60	24	20	8	20	8	100
BTMNO707-P	BTMNO707	P	INDUSTRIAL TRAINING	0	0	2	2	07														50	20	50

TOTAL							15	5	12	32		350		100		50		150		50		100		800
BTMN0801-T	BTMN0801	T	MINE ECONOMICS	3	1	0	4	08	70	22	20	8	10	4										100
BTMN0802-T	BTMN0802	T	POLLUTION CONTROL IN MINING	3	1	0	4	08	70	22	20	8	10	4										100
BTMN0803-T	BTMN0803	T	MINING MACHINERY-III	3	1	0	4	08	70	22	20	8	10	4										100
BTMN0804(A)-T	BTMN0804(A)	T	Surface Mining	3	1	0	4	08	70	22	20	8	10	4										100
BTMN0802-P	BTMN0802	P	POLLUTION CONTROL IN MINING LAB	0	0	2	2	08							30	12	10	4	10	4	10	4	50	
BTMN0803-P	BTMN0803	P	MINING MACHINERY-III LAB	0	0	2	2	08							30	12	10	4	10	4	10	4	50	
BTMN0805-P	BTMN0805	P	MAJOR PROJECT	0	0	8	8	08							120	48	40	16	40	16	40	16	200	
BTMN0806-P	BTMN0806	P	SEMINAR / GROUP DISCUSSION	0	0	2	2	08													50	20	50	
TOTAL							12	4	14	30		280		80		40		180		60		110		750