

BOARD OF TECHNICAL EDUCATION, GOA STATE
PROGRAMME STRUCTURE-16 MINING ENGG.

Sr. No.	E/C	SUBJ. CODE	SUBJECT NAME	SUBJECT HEADS			EXAMINATION SCHEME				
				TH	PR	TW	MAX TH	MAX TEST	MAX PR	MAX TW	TOTAL
SEMESTER I											
1	C	GN101	COMM SKILLS	0	1	1	0	0	50	50	100
2	C	GN102	ENGG MATHS - I	1	0	0	75	25	0	0	100
3	C	GN103	APPLIED PHYSICS - I	1	0	1	75	25	0	50	150
4	C	GN104	APPLIED CHEMISTRY	1	0	1	75	25	0	50	150
5	C	GN204	ENGG. DRAWING	0	1	1	0	0	50	50	100
SEMESTER II											
1	C	GN105	COMP. FUND. & APP.	0	1	1	0	0	50	50	100
2	C	GN106	BASIC ENGG SKILLS	0	1	1	0	0	50	100	150
3	C	GN201	ENGG MATHS - II	1	0	0	75	25	0	0	100
4	C	GN202	APPLIED PHYSICS - II	1	0	1	75	25	0	50	150
5	C	GN203	ENVIRONMENTAL STUDIES	1	0	0	75	25	0	0	100
6	C	GN205	ENGG. MATERIALS	1	0	0	75	25	0	0	100
SEMESTER III											
1	C	CE301	SURVEYING - I	1	1	1	75	25	25	50	175
2	C	CS305	COMPUTER AIDED DRAFTING	0	1	1	0	0	50	50	100
3	C	CS307	ELEMENTS OF MECHANICAL ENGG.	1	0	1	75	25	0	25	125
4	C	MN301	MINE DEVELOPMENT	1	0	1	75	25	0	25	125
5	C	MN302	MINING TECHNOLOGY	1	0	1	75	25	0	25	125
6	C	MN303	MINING GEOLOGY - I	1	0	1	75	25	0	25	125
7	C	MN304	ROCK MECHANICS	1	1	1	75	25	25	25	150
SEMESTER IV											
1	C	CE401	SURVEYING II	1	1	1	75	25	25	50	175
2	C	CS302	ELEM. OF ELEC. & ELECT. ENGG.	1	0	1	75	25	0	25	125
3	C	CS501	ENTREPRENEURSHIP DEVELOPMENT	0	0	1	0	0	0	50	50
4	C	MN401	SURFACE MINING	1	1	1	75	25	25	25	150
5	C	MN402	U/G MINING METHODS	1	0	1	75	25	0	25	125
6	C	MN403	U/G MINING MACHINERY	1	0	1	75	25	0	25	125
7	C	MN404	MINING GEOLOGY II	1	1	1	75	25	25	25	150
SEMESTER V											
1	C	CS602	BUSINESS COMMUNICATION	0	1	1	0	0	50	50	100
2	C	IT501	INDUSTRIAL TRAINING	0	1	1	0	0	30	70	GRADE
3	C	MN501	O/C MINING MACHINERY	1	0	1	75	25	0	25	125
4	C	MN502	MINE SAFETY & LEG	1	1	0	75	25	25	0	125
5	C	MN503	MINE VENTILATION	1	1	1	75	25	25	25	150
SEMESTER VI											
1	C	MN601	MINERAL PROCESSING	1	1	1	75	25	25	25	150
2	C	MN602	MINE MANAGEMENT & ECONOMICS	1	1	0	75	25	25	0	125
3	C	MN603	COMPUTE IN MINING &ALLIED ENGG	0	1	1	0	0	50	50	100
4	C	MN604	PROJECT	0	1	1	0	0	50	50	100
5	E1	MN611	MINE SURVEYING	1	0	0	75	25	0	0	100
6	E1	MN612	EXPLORATION ENGINEERING	1	0	0	75	25	0	0	100
7	E1	MN613	OCEAN MINING	1	0	0	75	25	0	0	100
8	E1	MN614	MINE PLANNING & DESIGN	1	0	0	75	25	0	0	100

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9	E1	MN615	MINE SYSTEMS ENGG.	1	0	0	75	25	0	0	100
10	E2	MN621	MINE ENVIR POLLUTION & CONTROL	1	0	1	75	25	0	25	125
11	E2	MN622	ADVANCED MINING	1	0	1	75	25	0	25	125
12	E2	MN623	MINE DISASTS RESCUE & RECOVERY	1	0	1	75	25	0	25	125
13	E2	MN624	COMP. APPLICATIONS IN MINING	1	0	1	75	25	0	25	125
ANY ONE OF E1											
ANY ONE OF E2											