

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

(Subjects not offered till May 2010 are deleted and not to be offered without consent of BTE)

Sr. No	E/C	SUBJ CODE	SUBJECTNAME	TEACHING SCHEME		EXAMINATION SCHEME			
				Lect	Pract	MAX TH	MAX TEST	MAX PR	MAX TW
<b>SEMESTER I</b>									
1	C	1001-S	COMMUNICATION SKILLS-I	-	2	0	0	50	50
2	C	1002-S	ENGINEERING MATHS-I	5	-	75	25	0	0
3	C	1004-S	APPLIED PHYSICS-I	3	2	75	25	0	25
4	C	1006-S	APPLIED CHEMISTRY	3	2	75	25	50	25
5	C	1010-S	COMPUTER TECHNIQUES	1	3	0	0	50	50
6	C	2001-S	ENGINEERING DRAWING-I	2	4	0	0	0	100
7	C	2003-S	BASIC WORKSHOP PRACT-I	-	4	0	0	0	100
<b>SEMESTER II</b>									
1	C	1003-S	ENGINEERING MATHS-II	5	-	75	25	0	0
2	C	1005-S	APPLIED PHYSICS-II	3	2	75	25	50	25
3	C	2005-S	APPLIED MECHANICS-I	3	2	75	25	0	25
4	C	3013-S	COMM. SKILLS-II	-	2	0	0	50	50
5	C	3108-S	ENVIRONMENTAL STUDIES	3	1	75	25	0	25
6	C	4303-S	MINE SKETCHING	2	4	0	0	50	50
7	C	4304-S	INT. TO GEOLOGY & MINING	3	4	0	0	50	50
<b>SEMESTER III</b>									
1	C	3001-S	ELE OF ELECTRICAL ENGG.	3	2	75	25	0	25
2	C	3004-S	ELEMENTS OF MECH. ENGG.	3	1	75	25	0	25
3	C	3011-S	AUTOCAD	0	4	0	0	50	50
4	C	4001-S	SURVEYING-I	3	4	75	25	25	25
5	C	4292-S	MINING TECHNOLOGY	3	2	75	25	50	50
6	C	4293-S	MINE DEVELOPMENT	3	2	75	25	50	50
7	C	4295-S	MINING GEOLOGY	3	2	75	25	50	50
<b>SEMESTER IV</b>									
1	C	6391-S	INDUSTRIAL TRAINING IN MINING		20 wks	0	0	150	150
<b>SEMESTER V</b>									
1	C	4008-S	SURVEYING-II	3	4	75	25	25	25
2	C	4294-S	UNDERGROUND MINING MACHINERY	3	2	75	25	0	50
3	C	4296-S	UNDERGROUND MINING METHODS	3	2	75	25	0	50
4	C	4298-S	SURFACE MINING	3	2	75	25	50	50
5	C	4299-S	OPENCAST MINING MACHINERY	3	2	75	25	50	50
6	C	4300-S	MINES SAFETY & LEGISLATION	4	-	75	25	50	0
7	C	4302-S	SURVEY PROJECT	-	2	0	0	50	50
<b>SEMESTER VI</b>									
1	C	4297-S	MINE VENTILATION	3	2	75	25	50	50
2	C	4301-S	MINING PROJECT	-	4	0	0	50	50
3	C	5399-S	MINE MANAGEMENT & ECONOMICS	4	-	75	25	50	0
4	C	5398-S	MINE ENV. POLLUTION & CONTROL	2	2	75	25	0	50
5	C	5394-S	MINERAL PROCESSING	2	2	75	25	50	50
6	E1	5396-S	MINE SURVEYING	3	1	75	25	0	50
7	E1	5391-S	EXPLORATION GEOLOGY	3	1	75	25	0	50
<b>ANY TWO FROM E1</b>									

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The following subjects were offered in MPEECS which shall be considered in transfer cases from MPEECS to Semester Pattern. These subjects are applicable for transfer cases only

1	E1	5392	MINE PLANNING & DESIGN						
2	E1	5395	MINE DISASTER & RESCUE						