BOARD OF TECHNICAL EDUCATION , GOA STATE

PROGRAMME STRUCTURE- 07- FABRICATION TECH & ERECT. 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
SEMESTER I									
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
SEMESTER II									
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	2002-S	ENGINEERING DRAWING-II	2	4	0	0	0	100
4	C	2005-S	APPLIED MECHANICS-I	3	2	75	25	0	25
5	C	2008-S	FABRICATION W/S PRACT-II	-	2	0	0	0	25
6	C	3013-S	COMM. SKILLS-II	-	2	0	0	50	50
7	C	3108-S	ENVIRONMENTAL STUDIES	3	1	75	25	0	25
SEMESTER III									
1	C	2006-S	APPLIED MECHANICS-II	3	2	75	25	0	25
2	C	3001-S	ELE OF ELECTRICAL ENGG.	3	2	75	25	0	25
3	C	3004-S	ELEMENTS OF MECH. ENGG.	3	1	75	25	0	25
4	C	3011-S	AUTOCAD	0	4	0	0	50	50
5	C	4231-S	CHEMISTRY OF WELDING PROC	3	0	75	25	0	0
6	C	4233-S	FABRICATION PROCESS-I	3	2	75	25	0	25
SEMESTER VI									
1	C	3003-S	ELEMENTS OF CIVIL ENG	3	2	75	25	0	25
2	C	4232-S	MATERIAL & STRUCT	3	2	75	25	0	25
3	C	4234-S	FABRICATION DRAWING	2	4	75	25	0	50
4	C	4236-S	FABRICATION PROCESS-II	3	4	75	25	50	50
5	C	4237-S	WELDING TECHNOLOGY-I	4	4	75	25	50	50
6	C	4238-S	MATERIALS & PROCESSES	3	0	75	25	0	0
SEMESTER V									
1	C	6013-S	FABRICATION TRAINING PHASE-I	26 Weeks		0	0	200	100
SEMESTER VI									
0	C	4022-S	THEORY OF STRUCTURES -I	4	-	75	25	0	0
2	C	4240-S	WELDING TECHNOLOGY	4	4	75	25	100	50
3	C	4242-S	FABRICATION ESTIMATION & COSTI	4	2	75	25	25	50
4	C	4246-S	ERECTION ENGINEERING	3	4	75	25	0	50
5	C	5042-S	SAFETY ENGINEERING	3	2	75	25	50	25
6	E1	3005-S	INDUSTRIAL ORG & MGMT	4	-	75	25	0	0
7	E1	3014-S	MARKETING MANAGEMENT	3	-	75	25	0	0
8	E1	3007-S	ENTREPRENEURSHIP DEVEL.	3	-	75	25	0	0
9	E1	3009-S	NON CONV. SOURCES OF ENERGY	3	-	75	25	0	0
ANY ONE FROM E1									

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				Lect	Pract	MAX TH	MAX TEST	MAX PR	MAX TW
SEMESTER VII									
1	C	4023-S	THEORY OF STRUCTURE (A)-II	3	-	75	25	0	0
2	C	4024-S	DESIGN OF STRUCTURE (STEEL)	4	4	75	25	25	50
3	C	4244-S	QUALITY CONTROL & INSPECTION	3	2	75	25	0	25
4	C	4248-S	FABRICATION PROJECT	-	4	0	0	50	100
5	E2	5339-S	OFF-SHORE STRUCTURES	3	2	75	25	25	25
6	E2	5341-S	FABRICATION OF BOILERS & P.V.	3	2	75	25	25	25
7	E2	5342-S	PIPING FABRICATION & INSTALLAT	3	2	75	25	25	25
ANY TWO FROM E2									
SEMESTER VIII									
1	C	6014-S	FABRICATION TRAINING PHASE-II	27 Weeks		0	0	200	100
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	3010	OPERATION RESEARCH						
2	E2	5337-S	REPAIR & MAINTENANCE WELDING	3	2	75	25	25	25
3	E2	5338-S	SURFACE TREAT. & CORR. PREV.	3	2	75	25	25	25