

BOARD OF TECHNICAL EDUCATION , GOA STATE
PROGRAMME STRUCTURE - 03 - ELECTRICAL 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	1010-S	COMPUTER TECHNIQUES	1	3	0	0	50	50
5	C	2001-S	ENGINEERING DRAWING-I	2	4	0	0	0	100
6	C	2003-S	BASIC WORKSHOP PRACT-I	-	4	0	0	0	100
7	C	3108-S	ENVIRONMENTAL STUDIES	3	1	75	25	0	25
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	1006-S	APPLIED CHEMISTRY	3	2	75	25	50	25
4	C	2004-S	BASIC WORKSHOP PRACT-II	-	4	0	0	0	100
5	C	2005-S	APPLIED MECHANICS-I	3	2	75	25	0	25
6	C	3013-S	COMM. SKILLS-II	-	2	0	0	50	50
7	C	4132-S	BASIC ELECTRONICS	3	4	75	25	50	25
SEMESTER III									
1	C	3004-S	ELEMENTS OF MECH. ENGG.	3	1	75	25	0	25
2	O1	3006-S	ENGG. MATHS-III	3	0	75	25	0	0
3	O1	3009-S	NON CONV. SOURCE. OF ENERGY	3	0	75	25	0	0
4	C	4101-S	ELECTRICAL ENGG. MATERIALS	3	0	75	25	0	0
5	C	4103-S	ELECTRICAL MEASUREMENTS & INSTRUMENTS	4	2	75	25	50	25
6	C	4104-S	CIRCUIT THEORY	4	2	75	25	0	25
7	C	4105-S	ELECTRICAL W/S PRACTICE-I	0	2	0	0	0	50
8	C	4134-S	DIGITAL ELECTRONICS-I	3	2	75	25	50	25
ANY ONE OF O1									
SEMESTER IV									
1	C	3003-S	ELEMENTS OF CIVIL ENG	3	2	75	25	0	25
2	C	4106-S	TRANSFORMERS	4	2	75	25	50	25
3	C	4107-S	ELECTRICAL W/S PRACTICE -II	0	2	0	0	50	50
4	C	4109-S	D.C MACHINES	3	2	75	25	0	25
5	C	4114-S	GENERATION AND TRANSMISSION	3	0	75	25	0	0
6	C	4141-S	ELECTRONIC INSTRUMENTATION	3	2	75	25	0	25
7	C	5109-S	BUILDING SERVICES & MAINT	3	1	0	0	0	75
SEMESTER V									
1	C	3070-S	COMPUTER PROGRAMMING IN 'C'	1	4	0	0	50	50
2	C	4108-S	DISTRIBUTION & ESTIMATION	4	-	75	25	0	0
3	C	4110-S	SWITCHGEAR & PROTECTION	4	-	75	25	0	0
4	C	4111-S	UTILISAT. OF ELECTRIC. ENERGY	3	-	75	25	0	0
5	C	4113-S	A.C. MACHINES	4	2	75	25	50	25
6	C	5034-S	REFRIGERATION & AIR CONDITIONING	3	2	75	25	50	25
7	C	5102-S	POWER ELEC. & DRIVE CONTROL	4	1	75	25	0	25

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				Lect	Pract	TH	TEST	PR	TW
1	C	3005-S	INDUS. ORGANISATION & MGMT	4	-	75	25	0	0
2	C	4112-S	ELECTRICAL DRAWING	-	3	0	0	50	50
3	C	4115-S	ELECTRICAL DRIVES	3	2	75	25	50	25
4	C	4116-S	ELECTRICAL PROJECT	-	4	0	0	50	50
5	C	5104-S	TESTING & MAINT OF ELECT EQUIPMENTS	3	2	75	25	50	25
6	C	5105-S	SUBSTATION PRACTICE	4	2	75	25	50	25
7	E1	5106-S	ILLUMINATION ENGG	3	1	75	25	0	25
8	E1	5108-S	ENERGY MANAGEMENT	3	1	75	25	0	25

ANY ONE OF E1

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	C	3030-S	COMPUTER PROGRAMMING IN 'C'						
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