

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
<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	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
<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	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
<b>SEMESTER III</b>									
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
<b>ANY ONE OF O1</b>									
<b>SEMESTER IV</b>									
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
<b>SEMESTER V</b>									
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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