

**BOARD OF TECHNICAL EDUCATION , GOA STATE**  
**PROGRAMME STRUCTURE- 05 - ELECTRONICS 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	2005-S	APPLIED MECHANICS-I	3	2	75	25	0	25
5	C	3013-S	COMM. SKILLS-II	-	2	0	0	50	50
6	C	4132-S	BASIC ELECTRONICS	3	4	75	25	50	25
7	C	4133-S	ELECTRONIC W/S & DRW	-	4	0	0	0	50
<b>SEMESTER III</b>									
1	C	3001-S	ELE OF ELECTRICAL ENGG.	3	2	75	25	0	25
2	O1	3004-S	ELEMENTS OF MECH. ENGG.	3	1	75	25	0	25
3	O1	3006-S	ENGG. MATHS-III	3	0	75	25	0	0
4	C	4134-S	DIGITAL ELECTRONICS-I	3	2	75	25	50	25
5	C	4135-S	ELECTRONIC CIRCUITS	4	4	75	25	50	50
6	C	4136-S	CIRCUITS & NETWORKS	4	2	75	25	0	25
7	C	4137-S	ELECTRONIC MEASUREMENTS	3	2	75	25	0	25
<b>ANY ONE FROM O1</b>									
<b>SEMESTER IV</b>									
1	C	3011-S	AUTOCAD	0	4	0	0	50	50
2	C	4138-S	DIGITAL ELECTRONICS-II	3	2	75	25	0	25
3	C	4140-S	ANALOG ELECTRONICS	4	2	75	25	50	25
4	C	4141-S	ELECTRONIC INSTRUMENTATION	3	2	75	25	0	25
5	C	4142-S	MICROPROCESSORS-I(8085)	3	2	75	25	50	25
6	C	4150-S	COMMUNICATION SYSTEMS-I	3	2	75	25	0	25
<b>SEMESTER V</b>									
1	C	3070-S	COMPUTER PROGRAMMING IN 'C'	1	4	0	0	50	50
2	C	4143-S	POWER ELECTRONICS	3	2	75	25	0	25
3	C	4144-S	COMM SYSTEM II	4	-	75	25	0	0
4	C	4147-S	MICROPROCESSORS-II (PD&I)	3	2	75	25	0	25
5	C	4155-S	ELECTRONICS PROJECT-I	-	4	0	0	0	50
6	E1	4160-S	CIRCUIT DESIGN	2	3	0	0	100	50
7	E1	5210-S	WEB TECHNOLOGY	2	3	0	0	100	50
<b>ANY ONE FROM E1</b>									

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				Lect	Pract	MAX TH	MAX TEST	MAX PR	MAX TW
<b>SEMESTER VI</b>									
1	C	3005-S	INDUSTRIAL ORGANISATION & MGMT	4	-	75	25	0	0
2	C	4156-S	ELECTRONIC PROJECT-II	-	4	0	0	50	50
3	C	5134-S	INDUSTRIAL ELECTRONICS	3	2	75	25	0	50
4	C	5135-S	TELEVISION ENGG	3	2	75	25	0	50
5	C	5148-S	ELECTRONIC MAINT. & REPAIRS	1	4	0	0	50	50
6	E2	5213-S	P.C.HARDWARE MAINTENANCE	1	4	0	0	100	50
7	E2	5200-S	PCB DESIGNING	1	4	0	0	100	50
<b>ANY ONE FROM E2</b>									
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	5196-S	INTERNET & WEBPAGE DESIGN						
2	E1	5197-S	WEB TECHNOLOGY						
3	E1	4139-S	CIRCUIT DESIGN						
4	E2	5138	DATA COUMMUNICATION						
5	E2	5195-S	PC HARDWARE & MAINTANENCE						