

BOARD OF TECHNICAL EDUCATION , GOA STATE

PROGRAMME STRUCTURE- 39- ELECTRONICS & INSTRUMENTATION 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	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
SEMESTER III									
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
2	O1	3006-S	ENGG. MATHS-III	3	0	75	25	0	0
3	C	4134-S	DIGITAL ELECTRONICS-I	3	2	75	25	50	25
4	C	4137-S	ELECTRONIC MEASUREMENTS	3	2	75	25	0	25
5	C	4213-S	APPLIED ELECTRONICS	4	2	75	25	50	25
6	C	4214-S	BASIC INSTRUMENTATION-I	4	2	75	25	0	25
SEMESTER IV									
1	C	3011-S	AUTOCAD	0	4	0	0	50	50
2	C	4104-S	CIRCUIT THEORY	4	2	75	25	0	25
3	C	4138-S	DIGITAL ELECTRONICS-II	3	2	75	25	0	25
4	C	4142-S	MICROPROCESSORS-I(8085)	3	2	75	25	50	25
5	C	4216-S	BASIC INSTRUMENTAION-II	4	2	75	25	50	25
6	C	4217-S	MACHINE TECHNOLOGY	3	2	75	25	0	25
SEMESTER V									
1	C	3070-S	COMPUTER PROGRAMMING IN 'C'	1	4	0	0	50	50
2	C	4147-S	MICROPROCESSORS-II (PD&I)	3	2	75	25	0	25
3	C	4202-S	IND. ELECTRX. & CONTROL CKTS	3	2	75	25	50	25
4	C	4206-S	INSTRUMENTATION PROJECT-I	-	3	0	0	0	50
5	C	4218-S	INDUSTRIAL INSTRUMENTATION	3	2	75	25	50	25
6	C	4219-S	BASIC CONTROL ENGG.	3	2	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	4203-S	PROCESS CONTROL	3	2	75	25	50	25
3	C	4205-S	INSTRUMENTATION PROJECT-II	-	6	0	0	50	50
4	E1	5114-S	MICROPROC. BASED INSTRUMENTN	3	2	75	25	0	25
5	E1	5115-S	ANALYTICAL INSTRUMENTATION	3	2	75	25	0	25
6	E2	5213-S	P.C.HARDWARE MAINTENANCE	1	4	0	0	100	50

ANY TWO FROM E1 AND ONE FROM E2

Note: the programme code 04- Instrumentation & Control shall continue for students transferred from MPEECS

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	E2	5195-S	PC HARDWARE & MAINTENANCE						
2	E1	3030-S	COMPUTER PROGRAMMING IN 'C'						
3	E2	5194-S	COMPUTER PROGRAMMING IN 'C++'						
4	C	5178-S	MICROPROCESSOR (8086)-III						