

**BOARD OF TECHNICAL EDUCATION, GOA STATE
PROGRAMME STRUCTURE-03 ELECTRICAL ENGG**

Sr. No.	E/C	SUBJ. CODE	SUBJECT NAME	SUBJECT HEADS			EXAMINATION SCHEME				
				TH	PR	TW	MAX TH	MAX TEST	MAX PR	MAX TW	TOTAL
SEMESTER I											
1	C	GN102	ENGG MATHS - I	1	0	0	75	25	0	0	100
2	C	GN103	APPLIED PHYSICS - I	1	0	1	75	25	0	50	150
3	C	GN105	COMP. FUND. & APP.	0	1	1	0	0	50	50	100
4	C	GN106	BASIC ENGG SKILLS	0	1	1	0	0	50	100	150
5	C	GN203	ENVIRONMENTAL STUDIES	1	0	0	75	25	0	0	100
SEMESTER II											
1	C	GN101	COMM SKILLS	0	1	1	0	0	50	50	100
2	C	GN104	APPLIED CHEMISTRY	1	0	1	75	25	0	50	150
3	C	GN201	ENGG MATHS - II	1	0	0	75	25	0	0	100
4	C	GN202	APPLIED PHYSICS - II	1	0	1	75	25	0	50	150
5	C	GN204	ENGG. DRAWING	0	1	1	0	0	50	50	100
6	C	GN205	ENGG. MATERIALS	1	0	0	75	25	0	0	100
SEMESTER III											
1	C	CS305	COMPUTER AIDED DRAFTING	0	1	1	0	0	50	50	100
2	C	CS309	DIGITAL ELECTRONICS	1	1	1	75	25	50	25	175
3	C	EE301	CIRCUIT THEORY	1	0	1	75	25	0	25	125
4	C	EE302	ELECTRICAL MACHINES - I	1	0	1	75	25	0	25	125
5	C	EE303	ELECTRICAL MEAS. & INST.	1	1	1	75	25	50	25	175
6	C	EE304	POWER GEN. TRANS. & DIST.	1	0	0	75	25	0	0	100
SEMESTER IV											
1	C	CS307	ELEMENTS OF MECHANICAL ENGG.	1	0	1	75	25	0	25	125
2	C	CS311	ELEM. OF CIVIL ENGG.	1	0	1	75	25	0	25	125
3	C	EE401	ELECTRICAL MACHINES II	1	1	1	75	25	50	25	175
4	C	EE402	APP. & INTEGRATED ELECTRONICS	1	0	1	75	25	0	25	125
5	C	EE403	UTILISATION OF ELEC. ENERGY	1	0	0	75	25	0	0	100
6	C	EE404	ELECTRICAL WORKSHOP PRACTICE	0	1	1	0	0	50	25	75
7	C	EN404	ELECTRONIC INSTRUMENTATION	1	0	1	75	25	0	25	125
SEMESTER V											
1	C	EE501	SWITCHGEAR & PROTECTION	1	0	0	75	25	0	0	100
2	C	EE502	POWER EX & DRIVE CONTROL	1	1	1	75	25	25	25	150
3	C	EE503	ELECTRICAL DRAWING	0	1	1	0	0	50	50	100
7	C	IT501	INDUSTRIAL TRAINING	0	1	1	0	0	30	70	GRADE
4	E1	EE511	DISTRIBUTION & ESTIMATION	1	0	0	75	25	0	0	100
5	E1	EE512	ELECTRICAL SAFETY MANAGEMENT	1	0	0	75	25	0	0	100
6	E1	EE514	ENERGY SYST.(NON CONVENTIONAL)	1	0	0	75	25	0	0	100
ANY ONE OF E1											
SEMESTER VI											
1	C	CS602	BUSINESS COMMUNICATION	0	1	1	0	0	50	50	100
2	C	EE601	ELECTRICAL DRIVES	1	1	1	75	25	25	25	150
3	C	EE602	SUBSTATION PRACTICES	1	1	1	75	25	25	25	150
4	C	EE605	PROJECT	0	1	1	0	0	50	50	100
5	E2	EE611	ENERGY MANAGEMENT	1	1	1	75	25	25	25	150
6	E2	EE612	ILLUMINATION ENGINEERING	1	1	1	75	25	25	25	150
7	E2	EE613	TEST & MAINT. OF ELECT. M/C	1	1	1	75	25	25	25	150
8	E2	EE614	INTRO. TO 8085 MICROPROCESSOR	1	1	1	75	25	25	25	150

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9	E2	EN616	INDUSTRIAL AUTOMATION	1	1	1	75	25	25	25	150
10	E2	IE6**	INSTITUTIONAL ELECTIVE	1	1	1	75	25	25	25	150
ANY TWO OF E2											