

**BOARD OF TECHNICAL EDUCATION, GOA STATE
PROGRAMME STRUCTURE-01 CIVIL 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	CE301	SURVEYING - I	1	1	1	75	25	25	50	175
2	C	CE302	BUILDING CONSTRUCTION	1	0	1	75	25	0	25	125
3	C	CE303	CONCRETE TECHNOLOGY	1	1	1	75	25	25	25	150
4	C	CE304	TRANSPORTATION ENGG. - I	1	0	0	75	25	0	0	100
5	C	CS301	ENGG. MECHANICS	1	0	1	75	25	0	50	150
6	C	CS305	COMPUTER AIDED DRAFTING	0	1	1	0	0	50	50	100
SEMESTER IV											
1	C	CE401	SURVEYING II	1	1	1	75	25	25	50	175
2	C	CE402	MATERIALS & STRUCTURES	1	0	1	75	25	0	25	125
3	C	CE403	CIVIL ENGINEERING DRAWING	1	1	1	75	25	25	50	175
4	C	CE404	PUBLIC HEALTH ENGG.	1	0	1	75	25	0	25	125
5	C	CE405	HYDRAULICS	1	0	1	75	25	0	25	125
6	C	CS602	BUSINESS COMMUNICATION	0	1	1	0	0	50	50	100
SEMESTER V											
1	C	CE501	DESIGN OF STRUCTURE-I (RCC)	1	1	1	75	25	25	25	150
2	C	CE502	CONSTRUCTION MANAGEMENT	1	0	0	75	25	0	0	100
3	C	CE503	QUANTITY SURVEYING & COSTING	0	1	1	0	0	50	50	100
4	C	CE504	ANALYSIS OF STRUCTURES	1	0	1	75	25	0	25	125
5	C	CE505	SOIL MECHANICS	1	0	1	75	25	0	25	125
6	E1	CE511	STRUCTURAL DRAWING	0	1	1	0	0	50	50	100
7	E1	CE512	ADVANCED CAD	0	1	1	0	0	50	50	100
8	E1	CE513	COMP AIDED CIVIL ENGG.	0	1	1	0	0	50	50	100
9	E1	CE515	ADVANCED CONSTRUCTION TECH.	0	1	1	0	0	50	50	100
10	E1	CE516	INTERIOR DESIGN	0	1	1	0	0	50	50	100
11	E1	CS503	3D PRINTING	0	1	1	0	0	50	50	100
ANY ONE OF E1											
SEMESTER VI											
1	C	CE601	IRRIGATION ENGINEERING	1	0	0	75	25	0	0	100
2	C	CE602	DESIGN OF STRUCTURE-II (STEEL)	1	1	1	75	25	25	25	150

**BOARD OF TECHNICAL EDUCATION, GOA STATE
PROGRAMME STRUCTURE-01 CIVIL ENGG**

3	C	CE603	CIVIL ENGG. PROJECT	0	1	1	0	0	50	50	100
4	C	IT501	INDUSTRIAL TRAINING	0	1	1	0	0	30	70	GRADE
5	E2	CE621	TRANSPORTATION ENGG.-II	1	1	1	75	25	25	25	150
6	E2	CE622	CONSTRUCTION ADVANCED	1	1	1	75	25	25	25	150
7	E2	CE623	GEOTECHNICAL ENGINEERING	1	1	1	75	25	25	25	150
8	E2	CE624	EARTHQUAKE ENGG.	1	1	1	75	25	25	25	150
9	E2	CE625	MAINT & REPAIR OF CIVIL STRUCT	1	1	1	75	25	25	25	150
10	E2	CE626	SOLID WASTE MANAGEMENT	1	1	1	75	25	25	25	150
11	E2	CE627	AIRPORT PLANNING & DESIGN	1	1	1	75	25	25	25	150
12	E2	CE628	PLAN. & CONST. OF MARINE STRUC	1	1	1	75	25	25	25	150
13	E2	IE6**	INSTITUTIONAL ELECTIVE	1	1	1	75	25	25	25	150
ANY ONE OF E2											