

**BOARD OF TECHNICAL EDUCATION, GOA STATE
PROGRAMME STRUCTURE-12 CONSTRUCTION TECHNOLOGY**

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	CT501	CIVIL CONSTRUCTION TRAINING-I	0	1	1	0	0	100	100	GRADE
SEMESTER VI											
1	C	CE502	CONSTRUCTION MANAGEMENT	1	0	0	75	25	0	0	100
2	C	CE503	QUANTITY SURVEYING & COSTING	0	1	1	0	0	50	50	100
3	C	CE504	ANALYSIS OF STRUCTURES	1	0	1	75	25	0	25	125
4	C	CE601	IRRIGATION ENGINEERING	1	0	0	75	25	0	0	100
5	C	CT601	ARCHITECTURAL DESIGN	1	1	1	75	25	25	25	150
6	C	CT602	CONSTRUCTION TECHNIQUES	1	1	1	75	25	25	25	150
SEMESTER VII											
1	C	CT701	SOIL ENGINEERING	1	1	1	75	25	25	25	150
2	C	CT702	CONSTRUCTION STRUCTURE DESIGN	1	1	1	75	25	25	25	150
3	C	CT703	CONSTRUCTION PROJECT	0	1	1	0	0	50	50	100
4	C	CT704	CONSTRUCTION EQUIPMENT	1	0	1	75	25	0	25	125
5	E1	CE511	STRUCTURAL DRAWING	0	1	1	0	0	50	50	100
6	E1	CE512	ADVANCED CAD	0	1	1	0	0	50	50	100
7	E1	CE513	COMP AIDED CIVIL ENGG.	0	1	1	0	0	50	50	100
8	E1	CE515	ADVANCED CONSTRUCTION TECH.	0	1	1	0	0	50	50	100
9	E1	CE516	INTERIOR DESIGN	0	1	1	0	0	50	50	100

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10	E1	CS503	3D PRINTING	0	1	1	0	0	50	50	100
11	E2	CE621	TRANSPORTATION ENGG.-II	1	1	1	75	25	25	25	150
12	E2	CE622	CONSTRUCTION ADVANCED	1	1	1	75	25	25	25	150
13	E2	CE623	GEOTECHNICAL ENGINEERING	1	1	1	75	25	25	25	150
14	E2	CE625	MAINT & REPAIR OF CIVIL STRUCT	1	1	1	75	25	25	25	150
15	E2	CE626	SOLID WASTE MANAGEMENT	1	1	1	75	25	25	25	150
16	E2	CE627	AIRPORT PLANNING & DESIGN	1	1	1	75	25	25	25	150
17	E2	CE628	PLAN. & CONST. OF MARINE STRUC	1	1	1	75	25	25	25	150
18	E2	IE6**	INSTITUTIONAL ELECTIVE	1	1	1	75	25	25	25	150
ANY ONE OF E1											
ANY ONE OF E2											
SEMESTER VIII											
1	C	CT801	CIVIL CONSTRUCTION TRAINING-II	0	1	1	0	0	100	100	GRADE