

**BOARD OF TECHNICAL EDUCATION, GOA STATE
PROGRAMME STRUCTURE-14 SHIPBUILDING 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	GN101	COMM SKILLS	0	1	1	0	0	50	50	100
2	C	GN102	ENGG MATHS - I	1	0	0	75	25	0	0	100
3	C	GN103	APPLIED PHYSICS - I	1	0	1	75	25	0	50	150
4	C	GN104	APPLIED CHEMISTRY	1	0	1	75	25	0	50	150
5	C	GN204	ENGG. DRAWING	0	1	1	0	0	50	50	100
SEMESTER II											
1	C	GN105	COMP. FUND. & APP.	0	1	1	0	0	50	50	100
2	C	GN106	BASIC ENGG SKILLS	0	1	1	0	0	50	100	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	GN203	ENVIRONMENTAL STUDIES	1	0	0	75	25	0	0	100
6	C	GN205	ENGG. MATERIALS	1	0	0	75	25	0	0	100
SEMESTER III											
1	C	CS301	ENGG. MECHANICS	1	0	1	75	25	0	50	150
2	C	CS302	ELEM. OF ELEC. & ELECT. ENGG.	1	0	1	75	25	0	25	125
3	C	CS305	COMPUTER AIDED DRAFTING	0	1	1	0	0	50	50	100
4	C	SH301	BASIC SHIP THEORY - I	1	0	1	75	25	0	50	150
5	C	SH302	SHOP FLOOR PRACTICE	1	0	1	75	25	0	50	150
6	C	SH303	MARINE ENGG. - I	1	0	1	75	25	0	25	125
SEMESTER IV											
1	C	ME401	STRENGTH OF MATERIALS	1	0	1	75	25	0	50	150
2	C	SH401	BASIC SHIP THEORY - II	1	0	1	75	25	0	50	150
3	C	SH402	MARINE ENGINEERING II	1	0	1	75	25	0	25	125
4	C	SH403	WELDING IN SHIP CONSTRUCTION	1	0	1	75	25	0	50	150
5	C	SH404	INTRODUCTION TO THERMODYNAMICS	1	0	1	75	25	0	25	125
6	C	SH405	SHIP CONSTRUCTION TECHNOLOGY	1	0	1	75	25	0	25	125
SEMESTER V											
1	C	SH501	INPLANT TRAINING PHASE I	0	1	1	0	0	100	100	GRADE
SEMESTER VI											
1	C	CS501	ENTREPRENEURSHIP DEVELOPMENT	0	0	1	0	0	0	50	50
2	C	CS601	INDUS. ORGA. & MANAGEMENT	1	0	0	75	25	0	0	100
3	C	SH601	SHIP RESISTANCE & PROPULSION	1	0	1	75	25	0	25	125
4	C	SH602	SHIP REPAIR ENGINEERING	1	1	1	75	25	25	25	150
5	C	SH603	SHIP DRAWING & CALCULATION	1	1	1	75	25	25	25	150
6	E1	FE604	QUALITY CONTROL & INSPECTION	1	1	1	75	25	25	25	150
7	E1	ME601	MACHINE DESIGN PRACTICE	1	1	1	75	25	25	25	150
8	E1	SH611	MARINE REGULATIONS	1	1	1	75	25	25	25	150
9	E1	SH612	MATERIAL HANDL. & SAFETY ENGG.	1	1	1	75	25	25	25	150
ANY ONE OF E1											
SEMESTER VII											
1	C	CS602	BUSINESS COMMUNICATION	0	1	1	0	0	50	50	100
2	C	SH701	ELEMENTARY SHIP DESIGN	1	0	1	75	25	0	25	125

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3	C	SH702	SHIPYARD PRACTICE	1	1	1	75	25	25	25	150
4	C	SH703	SHIPBUILDING PROJECT	0	1	1	0	0	50	50	100
5	E2	FE614	OFF-SHORE STRUCTUTRES	1	1	1	75	25	25	25	150
6	E2	ME403	MECHATRONICS	1	1	1	75	25	25	25	150
7	E2	SH721	MARINE SRUCTURAL DESIGN	1	1	1	75	25	25	25	150
8	E2	SH722	DIESEL ENGINE OPER. & MAINT.	1	1	1	75	25	25	25	150
9	E2	SH723	COMP. APPL. IN SHIP DESIGN	1	1	1	75	25	25	25	150
10	E2	SH724	MARINE DRAWING PRACTICE	1	1	1	75	25	25	25	150
11	E2	IE6**	INSTITUTIONAL ELECTIVE	1	1	1	75	25	25	25	150
ANY TWO OF E2											
SEMESTER VIII											
1	C	SH801	INPLANT TRAINING PHASE II	0	1	1	0	0	100	100	GRADE