

**DIPLOMA IN ENGINEERING
PROBIDHAN-2016**

Shipbuilding Technology

1st Semester

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				
						Theory		Practical		Total
						Cont. assess	Final exam	Cont. assess	Final exam	
1	61011	Engineering Drawing	0	6	2	0	0	50	50	100
2	65711	Bangla	3	3	4	60	90	50	0	200
3	65712	English	2	0	2	40	60	0	0	100
4	65911	Mathematics – 1	3	3	4	60	90	50	0	200
5	65912	Physics – 1	3	3	4	60	90	25	25	200
6	66711	Basic Electricity	3	3	4	60	90	25	25	200
7	68011	General Ship Knowledge	2	0	2	40	60	0	0	100
	Total		16	18	22	320	480	200	100	1100

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SHIPBUILDING TECHNOLOGY (680)

2nd SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	68021	Naval Architecture	2	3	3	40	60	25	25	150
2	68022	Shipbuilding Materials	2	3	3	40	60	25	25	150
3	65921	Mathematics -2	3	3	4	60	90	50	0	200
4	65922	Physics -2	3	3	4	60	90	25	25	200
5	65722	Communicative English	1	3	2	20	30	50	0	100
6	65811	Social Science	3	0	3	60	90	0	0	150
7	67011	Basic Workshop Practice	0	6	2	0	0	50	50	100
Total			14	21	21	280	420	225	125	1050

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SHIPBUILDING TECHNOLOGY (680)

3rd SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	66611	Computer Application	0	6	2	0	0	50	50	100
2	68032	Welding	1	6	3	20	30	50	50	150
3	66811	Basic Electronics	2	3	3	40	60	25	25	150
4	67033	Machine shop Practice	1	3	2	20	30	25	25	100
5	65931	Mathematics -3	3	3	4	60	90	50	0	200
6	65913	Chemistry	3	3	4	60	90	25	25	200
7	65812	Physical Education & Life Skill Development	0	3	1	0	0	25	25	50
Total			10	27	19	200	300	250	200	950

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4th SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	68041	Shipbuilding Drawing -1	0	6	2	0	0	50	50	100
2	68042	Shipyards Practice	2	3	3	40	60	25	25	150
3	68043	Sheet Metal & Metal Forming	1	3	2	20	30	25	25	100
4	67041	Engineering Mechanics	3	3	4	60	90	25	25	200
5	67042	Metallurgy	2	3	3	40	60	25	25	150
6	67911	Internal Combustion (Ic) Engine Principle	2	3	3	40	60	25	25	150
7	65841	Business Organization & Communication	2	0	2	40	60	0	0	100
Total			12	24	19	240	360	175	175	950

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5th SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	67051	Hydraulics & Hydraulic Machineries	3	3	4	60	90	25	25	200
2	67056	Advanced Machine Shop	2	6	4	40	60	50	50	200
3	67955	Instrumentation & Control	2	3	3	40	60	25	25	150
4	68051	Estimating & Costing of Shipbuilding	2	3	3	40	60	25	25	150
5	68052	Shipbuilding Drawing -2	0	6	2	0	0	50	50	100
6	68053	Marine Refrigeration & Air-conditioning	2	3	3	40	60	25	25	150
7	65851	Accounting Theory & Practice	2	3	3	40	60	25	25	150
Total			13	27	22	260	390	225	225	1100

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SHIPBUILDING TECHNOLOGY
6th SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	68062	Computer Aided Drawing in Shipbuilding	1	6	3	20	30	50	50	150
2	67066	Advanced Welding	1	6	3	20	30	50	50	150
3	67961	Ship Safety & Fire fighting	1	6	3	20	30	50	50	150
4	67064	Strength of Materials	3	3	4	60	90	25	25	200
5	68061	Ship Construction & Fittings	2	3	3	40	60	25	25	150
6	65852	Industrial Management	2	0	2	40	60	0	0	100
7	67976	Marine Electrical & Electronic System	1	3	2	20	30	25	25	100
8	68063	CAM and CNC	1	3	2	20	30	25	25	100
Total			12	30	22	240	360	250	250	1100

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SHIPBUILDING TECHNOLOGY (680)
7th SEMESTER

Sl. No	Subject Code	Name of the subject	T	P	C	Marks				Total
						Theory		Practical		
						Cont. assess	Final exam	Cont. assess	Final exam	
1	68071	Hull Layout & Construction	2	3	3	40	60	25	25	150
2	68072	Marine Engines	1	3	2	20	30	25	25	100
3	68073	Ship Propulsion & Auxiliaries	1	3	2	20	30	25	25	100
4	68074	Ship Design	2	3	3	40	60	25	25	150
5	68075	Ship Repairing & Maintenance	1	3	2	20	30	25	25	100
6	68076	Shipbuilding Project	0	6	2	0	0	50	50	100
7	67952	Engineering Thermodynamics & Heat Transfer	2	3	3	40	60	25	25	150
8	67977	Maritime Laws	2	0	2	40	60	0	0	100
9	65853	Innovation & Entrepreneurship	2	0	2	40	60	0	0	100
Total			13	24	21	260	390	200	200	1050