

Course Structure Diploma in Engineering Probidhan 2022 (Marine Allied)

Technology Name: Marine Technology

Marine Technology (79)

1st Semester

Sl. No.	Subject		Period per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	21011	Engineering Drawing	-	6	2	-	-	-	50	50	100	100
2	25711	Bangla-I	2	-	2	40	60	100	-	-	-	100
3	25712	English-I	2	-	2	40	60	100	-	-	-	100
4	25812	Physical Education & Life skills Development	-	3	1	-	-	-	25	25	50	50
5	25911	Mathematics -I	3	3	4	60	90	150	25	25	50	200
6	25912	Physics-I	3	3	4	60	90	150	25	25	50	200
7	26711	Basic Electricity	3	3	4	60	90	150	25	25	50	200
8	27011	Basic Workshop Practice	-	3	1	-	-	-	25	25	50	50
Total			13	21	20	260	390	650	175	175	350	1,000
Total Period			34									
Theory:Practical (Ratio)			38.2%	61.8%								

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2nd Semester

Sl. No.	Subject		Period per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25721	Bangla -II	2	-	2	40	60	100	-	-	-	100
2	25722	English-II	2	-	2	40	60	100	-	-	-	100
3	25913	Chemistry	3	3	4	60	90	150	25	25	50	200
4	25921	Mathematics-II	3	3	4	60	90	150	25	25	50	200
5	25922	Physics -II	3	3	4	60	90	150	25	25	50	200
6	26811	Basic Electronics	2	3	3	40	60	100	25	25	50	150
7	27023	Machine Shop Practice I	1	6	3	20	30	50	50	50	100	150
8	28021	General Ship Knowledge	1	-	1	20	30	50	-	-	-	50
Total			15	18	21	300	450	750	150	150	300	1,050
Total Period			33									
Theory: Practical (Ratio)			45.5%	54.5%								

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3rd Semester

Sl. No.	Subject		Period per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25811	Social Science	2	-	2	40	60	100	-	-	-	100
2	25931	Mathematics-III	3	3	4	60	90	150	25	25	50	200
3	27032	Machine Shop Practice II	1	6	3	20	30	50	50	50	100	150
4	27041	Engineering Mechanics	2	3	3	40	60	100	25	25	50	150
5	27131	Engineering Thermodynamics	3	3	4	60	90	150	25	25	50	200
6	27931	Marine IC Engine-I	2	3	3	40	60	100	25	25	50	150
Total			11	18	17	220	330	550	150	150	300	850
Total Period			29									
Theory:Practical (Ratio)			37.9%	62.1%								

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4th Semester

Sl. No.	Subject		Period per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25841	Accounting	2	-	2	40	60	100	-	-	-	100
2	27043	Metallurgy	2	3	3	40	60	100	25	25	50	150
3	27941	Fluid Mechanics & Hydraulic Machinery	3	3	4	60	90	150	25	25	50	200
4	27942	Marine IC Engine- II	3	3	4	60	90	150	25	25	50	200
5	28041	Naval Architecture	3	-	3	60	90	150	-	-	-	150
6	28042	Welding	1	6	3	20	30	50	50	50	100	150
7	28511	Computer Office Application	-	6	2	-	-	-	50	50	100	100
Total			4	12	8	80	120	200	100	100	200	400
Total Period			16									
Theory:Practical (Ratio)			25.0%	75.0%								

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5th Semester

Sl. No.	Subject		Period per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	27951	Marine Auxiliary Systems	2	3	3	40	60	100	25	25	50	150
2	27952	Marine Boiler & Steam Engineering	2	3	3	40	60	100	25	25	50	150
3	27953	Marine Fuels & Lubricants	2	-	2	40	60	100	-	-	-	100
4	27954	Marine IC Engine Operation & Maintenance	1	3	2	20	30	50	25	25	50	100
5	27955	Basic Safety & Security	2	6	4	40	60	100	50	50	100	200
6	27956	Maritime Laws	2	-	2	40	60	100	-	-	-	100
7	27957	Machine Drawing	-	3	1	-	-	-	25	25	50	50
8	28053	Ship Construction & Repair	3	3	4	60	90	150	25	25	50	200
Total			14	21	21	280	420	700	175	175	350	1,050
Total Period			35									
Theory:Practical (Ratio)			40.0%	60.0%								

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6 th Semester

Sl. No.	Subject		Period per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25852	Industrial Management	2	-	2	40	60	100	-	-	-	100
2	27061	Strength of Materials	3	3	4	60	90	150	25	25	50	200
3	27063	CAD & CAM	1	6	3	20	30	50	50	50	100	150
4	27961	Power System Protection	1	3	2	20	30	50	25	25	50	100
5	27962	Marine Electrical Installation & Instrumentation	2	3	3	40	60	100	25	25	50	150
6	27963	Shipboard Deck machinery, Out-fittings & Bridge Equipment	1	3	2	20	30	50	25	25	50	100
7	27964	Marine Propulsion & Steering System	2	3	3	40	60	100	25	25	50	150
8	27965	Marine Enviromental Science	2	-	2	40	60	100	-	-	-	100
Total			8	12	12	160	240	400	100	100	200	600
Total Period			20									
Theory:Practical (Ratio)			40.0%	60.0%								

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7 th Semester

Sl. No.	Subject		Period per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25851	Principles of Marketing	2	-	2	40	60	100	-	-	-	100
2	25853	Innovation & Entrepreneurship	2	-	2	40	60	100	-	-	-	100
3	27971	Leadership & Professional Ethics	2	-	2	40	60	100	-	-	-	100
4	27972	Advanced Machine Drawing	-	6	2	-	-	-	50	50	100	100
5	27973	Marine IC Engine Overhauling and Record Keeping	1	6	3	20	30	50	50	50	100	150
6	27974	Career Guideline in Maritime Sector	2	-	2	40	60	100	-	-	-	100
7	27975	Applied Mechanics	3	3	4	60	90	150	25	25	50	200
8	27976	Applied Heat	2	-	2	40	60	100	-	-	-	100
9	27977	Control Engineering & Mechatronics	3	3	4	60	90	150	25	25	50	200
Total			15	18	21	300	450	750	150	150	300	1,050
Total Period					33							
Theory:Practical (Ratio)			45.5%	54.5%								

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8 th Semester

Sl. No.	Subject		Period per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	27981	Industrial Atachment	-	24	8	-	-	-	200	200	400	400
		Presentation on Industrial Atachements	-	12	4	-	-	-	100	100	200	200
Total			-	36	12	-	-	-	300	300	600	600
Total Period					36							
Theory:Practical (Ratio)			0.0%	100.0%								

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Summary Structure (All Semester)

Sl. No.	Semester	Period per Week		Credit	Marks Distribution						
		Theory	Practical		Theory Assessment			Practical Assessment			Grand Total
					Continuous	Final	Total	Continuous	Final	Total	
1	1st Semester	13	21	20	260	390	650	175	175	350	1,000
2	2nd Semester	15	18	21	300	450	750	150	175	300	1,050
3	3rd Semester	11	18	17	220	330	550	150	175	300	850
4	4th Semester	4	12	8	80	120	200	100	100	200	400
5	5th Semester	14	21	21	280	420	700	175	125	350	1,050
6	6th Semester	8	12	12	160	240	400	100	100	200	600
7	7th Semester	15	18	21	300	450	750	150	150	300	1,050
8	8th Semester	-	36	12	-	-	-	300	300	600	600
Total		80	156	132	1,600	2,400	4,000	1,300	1,300	2,600	6,600
Total Period		236									
Theory:Practical (Ratio)		33.9%	66.1%								