

**PRAVEENYA INSTITUTE OF MARINE ENGINEERING &
MARITIME STUDIES
MODAVALASA - 531 162 (VIZIANAGARAM DIST.)**

Graduate Marine Engineering (GME)

Competency No	Subject	Total Hours
1	Maintain a safe Engineering watch	31
2	Use English in written and oral form	20
3	Use internal communication systems	5
4	Operate main and auxiliary machinery and associated control systems	420
5	Operate fuel, lubrication, ballast and other pumping systems and associated control systems	52
6	Operate electrical, electronic and control systems	320
7	Maintenance and repair of electrical and electronic equipment	130
8	Appropriate use of hand tools, machine tools and measuring instruments for fabrication and repair on board	194
9	Maintenance and repair of shipboard machinery and equipment	348
10	Ensure compliance with pollution prevention requirements	29
11	Maintain seaworthiness of the ship	140
12	Prevent, control and fight fires on board	30
13	Operate life -saving appliances	10
14	Apply medical first aid on board ship	6
15	Monitor compliance with legislative requirements	27
16	Application of leadership and team working skills	25
17	Contribute to the safety of personnel and ship	0
18	Maintain the conditions set forth in a ship security plan; Recognition of security risks and threats; Undertake regular security inspections of the ship; and proper usage of security equipment if any	11