

PSN COLLEGE OF ENGINEERING AND TECHNOLOGY



(An Autonomous Institution Affiliated to Anna University, Chennai)
Approved by AICTE, Recognized by UGC under section 2(f) & 12 (B)
An ISO 9001:2015 Certified Institution Accredited by NAAC with A+
Melathediyoor, Tirunelveli - 627 152



DEPARTMENT OF MARINE ENGINEERING

MINOR DEGREE SUBJECT LIST

Vertical 1 – Marine Management Science

Sl. No	Course Code	Course Name		Classification	L	T	P	C
1	MR606101	Marine Disaster Management	PE	Theory	4	0	0	4
2	MR606102	Ship Fire Prevention & Control	PE	Theory with Project	4	0	0	4
3	MR606103	Ship Logistics and Management	PE	Theory	4	0	0	4
4	MR606104	Ship Safety and Environmental Protection	PE	Theory	4	0	0	4
5	MR606105	Engine Room Management	PE	Theory	4	0	0	4
6	MR606106	Marine Pollution and its impact on environment	PE	Theory	4	0	0	4
7	MR606107	Shipboard Safety	PE	Theory	4	0	0	4
8	MR606108	Personality Development And Ethical Values	PE	Theory	4	0	0	4

Vertical 2 – Marine Thermal Science

Sl. No	Course Code	Course Name		Classification	L	T	P	C
1	MR606201	Marine Propellers & Propulsion	PE	Theory	4	0	0	4
2	MR606202	Marine Boiler & Steam Engineering	PE	Theory with Project	4	0	0	4
3	MR606203	Pressure Vessels and Piping	PE	Theory	4	0	0	4
4	MR606204	Underwater Vehicles	PE	Theory	4	0	0	4
5	MR606205	Advanced Marine heat engines	PE	Theory	4	0	0	4
6	MR606206	Cryogenic Engineering & Applications	PE	Theory	4	0	0	4
7	MR606207	Advanced Refrigeration and Air Conditioning Systems	PE	Theory	4	0	0	4

Vertical 3 – Marine Electrical Science

Sl. No	Course Code	Course Name		Classification	L	T	P	C
1	MR606301	Marine Electrical Technology	PE	Theory	4	0	0	4
2	MR606302	Special Duty Vessel & Type of Operation	PE	Theory	4	0	0	4
3	MR606303	Marine Electronics	PE	Theory	4	0	0	4
4	MR606304	Autonomous ships	PE	Theory	4	0	0	4
5	MR606305	Marine Robotics	PE	Theory	4	0	0	4
6	MR606306	Marine Automation & Control Engineering	PE	Theory with Project	4	0	0	4
7	MR606307	Fuel Cell Technology	PE	Theory	4	0	0	4
8	MR606308	Artificial Intelligence	PE	Theory	4	0	0	4

Vertical 4 – Marine Materials Science

Sl. No	Course Code	Course Name		Classification	L	T	P	C
1	MR606401	Advanced Material Science	PE	Theory	4	0	0	4
2	MR606402	Marine Structure and Welding	PE	Theory	4	0	0	4
3	MR606403	Marine Corrosion & Prevention	PE	Theory with Project	4	0	0	4
4	MR606404	Marine Manufacturing Technology	PE	Theory	4	0	0	4
5	MR606405	Techniques for Material Characterization	PE	Theory	4	0	0	4
6	MR606406	Non Destructive Testing	PE	Theory	4	0	0	4
7	MR606407	Metrology and Measurements	PE	Theory	4	0	0	4
8	MR606408	Composite Materials	PE	Theory	4	0	0	4