

# Eligibility & Careerpath: 4 Year Presea B.E., Marine Engineering Course

*@ Sri Nandhanam Maritime Academy, Tirupattur*

## **Eligibility for 1st Year Admissions**

Pass in 12th standard or equivalent examination with Physics, Chemistry, Mathematics and English as separate subjects with a PCM average of not less than 60%. The candidate must have secured a minimum of 50% marks in English language at 10th or 12th standard.

## **Eligibility for Lateral Entry Direct 2nd Year Admissions (Diploma Holders)**

Candidates can join 2nd year of 4-year Marine Engineering Degree Course who have passed 3 years Diploma Course in Mechanical / Marine / Electrical / Electrical and Electronics, from the colleges approved by AICTE or State Board of Technical Education with minimum 55% of aggregate marks in the last year of Diploma Course. The candidate must secure a minimum of 50% marks in English language at 10th or 12th Standard or in the Degree / Diploma course conducted by recognised Board or University.

## **Eligibility for Diploma Holders Lateral Entry (Additional Facilitations)**

Candidates can join 2nd year of 4-year Marine Engineering Degree Course who have passed 3 years Diploma Course in the following categories, from the colleges approved by AICTE or State Board of Technical Education with Minimum 55% of aggregate marks in the last year of Diploma Course:-

Mechanical Engineering Stream : Automobile / Machine Tools and Maintenance / Plant Engineering / Production Technology / Production Engineering / Advanced Diploma in Tool and Die Making.

Electrical Engineering Stream: Electrical Power System

Electrical and Electronics Engineering Stream: Digital Electronics / Electronics and Communications / Electronics & Telecommunication / Industrial Electronics / Electronics / Electronics Production & Maintenance / Instrumentation / Instrumentation & Control.

The candidate must secure a minimum of 50% marks in English language at 10th or 12th Standard or in the Degree / Diploma course conducted by recognised Board or University.

### **Eligibility for Transfer Admissions from ATS Scheme**

Candidates can join 2nd year of 4-year Marine Engineering Degree Course provided he has passed 1st year training from the Alternate Training Scheme, approved by D.G. Shipping (This will not apply to MERI). The candidate must have secured a minimum of 50% marks in English language at 10th or 12th standard or in Degree / Diploma course conducted by recognised Board or University.

### **Eligibility for Transfer Admissions Degree Courses**

Candidates can join 2nd year of 4-year Marine Engineering Degree Course who have passed 1st year from the Engineering College in other streams like Mechanical or Electrical approved by AICTE with minimum 60% average marks. The candidate must secure a minimum of 50% marks in English language at 10th or 12th Standard or in the Degree / Diploma course conducted by recognised Board or University.

### **Eligibility for Lateral Entry after Engineering in Ship Building**

Candidates can join 2nd year of 4-year Marine Engineering Degree Course who have passed 4 years Diploma in Shipbuilding Engineering from the colleges approved by AICTE or State Board of Technical Education with minimum 55% aggregate marks in the last year of diploma course.

The candidate must secure a minimum of 50% marks in English language at 10th or 12th Standard or in the Degree / Diploma course conducted by recognised Board or University.

## Marks Relaxation

A relaxation of 5% marks in English shall be granted to the candidates who are native of the Lakshadweep and Andaman and Nicobar islands and belong to Scheduled Tribes and who and both of whose parents were born in those islands and belong to the Scheduled Tribes of those islands.

## Age Limit

Maximum 25 Years.

## Age Limit Relaxation

1. The maximum age limit mentioned above shall be applicable for General Category candidates.
2. The maximum age limit for candidates belonging to "Scheduled Caste" (SC) / "Scheduled Tribe" (ST) Category shall be relaxed by 5 years.
3. The maximum age limit for candidates belonging to Non-creamy layer of "Other Backward Classes" (OBC) Category shall be relaxed by 3 years.
4. The maximum age limit for women candidates of each Category shall be relaxed by additional 2 years.

## Medical Standard

Candidates should be physically fit for sea service under standard norms, with eyesight up to (+ or -) 2.5 with no colour blindness. Minimum height should be 157 centimetres.

## What Next....

Are you lucky enough to pursue a rare and rewarding profession as a Chief Engineer of a sailing vessel. Do you have the resolve and resources to pursue an international career path successfully as a Ship Chief Engineer from the starting rank of Engine Cadet. If the answer is yes to these questions, try your chance for a seat by submitting an application online from the College Website.

## Course Description

The B.E. Marine Engineering Course is a four-year residential training programme, in which the cadets undergo theoretical classes, demonstration and hands on training in various in-house Laboratories, Marine control systems, Automation and Ship Board Machineries / Equipment apart from 6 Month Presea Training in Live Ship in Campus @ college premises.

The Main focus Areas of this Course are Operation and Maintenance of all kind of Ship Board Machineries and Power Generation systems which includes Main engine, Boiler, Auxiliary Engines, Propulsion System, Power distribution / Control Systems, Hydraulic / Pneumatic machinery, Various kinds of Pumps and various kinds of Safety devices and Alarm System. Candidates involved with troubleshooting with various systems and trained to perform repair and maintenance functions.

## Career Path & Pay Scale

