



**ASHA MARINE TECHNICAL
COLLEGE & RESEARCH**

DIPLOMA IN NAUTICAL SCIENCE — DNS D.G. SHIPPING APPROVED

COURSE DETAILS:

- Course: Diploma in Nautical Science (DNS)
- Duration: 01 Year
- Category: Pre-Sea Course
- Intake: 40 Students
- Course Fee: ₹7,00,000/-
- Mode: Residential Training

DNS is a 1-year residential pre-sea training programme designed for students aspiring to become Deck Officers and eventually Captains/Master Mariners in the Merchant Navy. The course is approved by the Directorate General of Shipping (DGS), Government of India.

ELIGIBILITY:

Candidates must have completed:

Option 1 – 12th Standard

- 12th Standard with Physics, Chemistry and Mathematics (PCM)
- Minimum 60% aggregate marks in PCM
- Minimum 50% marks in English in either 10th or 12th Standard

OR

Option 2 – B.Sc.

- B.Sc. Degree with Physics, Mathematics, Chemistry / Electronics / Computer Science as subjects
- Minimum 55% aggregate marks

OR

Option 3 – Engineering Diploma

- Diploma in Engineering in Mechanical, Electrical, Marine, Civil or related streams
- Minimum 55% aggregate marks

Age Limit

- General: 17.5 to 25 years
- SC/ST: 17.5 to 32 years
- Age criteria are as per the new DG Shipping circular.

Medical & Physical Fitness

Candidates must:

- Be medically fit as per DG Shipping-approved medical standards
- Have 6/6 normal eyesight
- Have no colour blindness
- Be physically fit for sea service

Additional Admission Requirements

- Must pass IMU-CET, OR
- Obtain 50% marks in JEE
- Sponsorship letter from a company is required

COURSE INCLUDES:

- Course Material
- Residential Hostel Accommodation
- Food
- Navigation & Seamanship Training
- STCW Basic Safety Training
- Practical Maritime Training
- Physical & Leadership Training

SYLLABUS COVERED – DNS (Diploma in Nautical Science):

- Navigation & Chart Work
- Seamanship & Ship Operations
- Maritime Communication
- Cargo Handling
- Meteorology & Ocean Navigation
- Marine Engineering Basics
- STCW Basic Safety Training
- Leadership & Physical Training

EXAM PATTERN:

- Theory Examination
- Practical Examination
- Oral Examination
- In-house Tests

ADDITIONAL CHARGES (Non-Discountable):

- INDOS Registration: ₹1,500/-
- D.G. Approved Medical: ₹1,500/-

REQUIRED DOCUMENTS:

- 10th Pass Original Mark Sheet
- 12th Pass Original Mark Sheet
- Aadhaar Card
- Passport
- Passport Size Photographs
- Medical Fitness Certificate
- Transfer Certificate
- Character Certificate

CAREER PROGRESSION:

DECK CADET

Work Profile:

Assists Deck Officers with navigation, ship operations, cargo handling, safety procedures and maintenance.

- Starting Salary: USD 300–800/month
- With Experience: Salary increases with rank, sea experience and certifications.

THIRD OFFICER → SECOND OFFICER → CHIEF OFFICER → CAPTAIN / MASTER MARINER

BANK DETAILS FOR FEE PAYMENT:

Details	Information
Beneficiary	Asha Marine Technical College and Research
Bank Name	Indian Bank
Account Number	7252150979
IFSC CODE	IFSC CODE

CONTACT INFORMATION:

Contact Number :7607653323
document@aiimtvns.com

OUR CAMPUS:

ASHA MARINE COLLEGE (Pali Campus)
Pali, Dharje, Maharastra – 410205

OUR ADMISSION OFFICE:

3rd floor, City tower, Sector 15, CBD Belapur, Navi Mumbai, Maharashtra 400614

ADMISSION PROCESS:

Fees account details – 100% full fees payment
Confirmation Letter that student has got the admission
Website details: <https://amtcr.com/about>
Social media pages – FB, Insta, LinkedIn - https://www.instagram.com/p/DZXd_CFMriD/?igsh=MW5sZjBmNTdmMjNsdw==
What do we teach – Give syllabus covered above
Who should take this course and why they should take this course

KEY REASONS TO CHOOSE A DNS COURSE:

1. Global Career Opportunities

DNS opens opportunities to work with Indian and international shipping companies.

2. Career Path to Captain

Progress through Deck Cadet → Third Officer → Second Officer → Chief Officer → Captain.

3. Attractive Salary Potential

Earn in international currencies and grow your income with experience, rank and certifications.

4. Work with Advanced Maritime Technology

Learn navigation, communication, cargo operations, ship systems and modern maritime practices.

5. International Exposure

Travel to different countries and experience a global working environment.

6. High-Responsibility Career

Develop skills in navigation, ship operations, safety and crew management.

7. Strong Career Growth

Build a long-term career in the Merchant Navy with opportunities for advancement.

8. Shore-Based Opportunities

With experience, professionals can move into ship management, marine surveying, port operations, maritime training and logistics.

1. Which state student come from for this course: UP/ Bihar/WB/Rajasthan/ Gujarat

2. Whom should we target like 12th fail, diploma student, ITI Students, ENGINEERING Students, electrical, carpentry work

Who are our competitors:

For Asha Marine Technical College & Research (AMTCR), Pali, Raigad, the competitors should be identified based on maritime education, marine engineering, pre-sea training, GP Rating, CCMC, DNS and ETO programs. AMTCR is a DGS-approved maritime training institute located in Pali, Raigad, Maharashtra.

A. Competitors in Mumbai

1. Tolani Maritime Institute (Induri, Pune-Mumbai region)
2. Indian Maritime University – Mumbai Port Campus
3. Samundra Institute of Maritime Studies
4. Training Ship Rahaman (TS Rahaman)
5. International Maritime Institute (IMI Mumbai)
6. Yak Educational Trust Maritime Academy
7. B P Marine

B. Competitors in Maharashtra

1. Tolani Maritime Institute
2. Samundra Institute of Maritime Studies
3. Indian Maritime University – Mumbai Port Campus
4. TS Rahaman Maritime Institute
5. Maharashtra Academy of Naval Education & Training (MANET)
6. Seven Islands Maritime Training Institute
7. Anglo Eastern Maritime Academy

C. Competitors in India

Tier 1 Maritime Institutions

1. Indian Maritime University (IMU)
2. Tolani Maritime Institute
3. Marine Engineering & Research Institute (MERI Kolkata)
4. AMET University
5. Samundra Institute of Maritime Studies
6. Anglo Eastern Maritime Academy
7. Great Eastern Institute of Maritime Studies
8. HIMT College (Hindustan Institute of Maritime Training)
9. TS Rahaman Maritime Institute
10. Cochin University School of Maritime Studies

D. Competitors in Navi Mumbai

1. TS Rahaman Maritime Institute, Nerul
2. Indian Maritime University – Mumbai Port Campus
3. Yak Educational Trust Maritime Academy
4. Seven Islands Maritime Training Institute
5. International Maritime Institute (Mumbai Region)

E. Competitors in Pali / Raigad Region

Since AMTCR is located in Pali, Raigad, direct maritime competition in Pali itself is limited. The nearest competing institutes attracting the same student pool are:

1. Tolani Maritime Institute, Induri Pune
2. Maharashtra Academy of Naval Education & Training (MANET), Pune
3. TS Rahaman Maritime Institute, Navi Mumbai
4. Samundra Institute of Maritime Studies, Lonavala
5. Seven Islands Maritime Training Institute, Navi Mumbai

Admissions Open for 2026-2027

For Any Queries Please Feel Free To Reach Out To

Mob.No. 7607650323