INDIAN MARITIME UNIVERSITY

(A Central University under the Ministry of Shipping)

East Coast Road, Uthandi, Chennai- 600 119
Ph No: (044) 2453 0343/345, Fax: (044) 2453 0342
Website: www.imu.edu.in

Information Brochure

For

Admission To

Diploma in Nautical Science Leading to B.Sc. (Nautical Science) - Feb 2015 Batch

Contents

Introduction:

1. The Indian Maritime University (IMU) was established on 14th November 2008 as a teaching and affiliating University under the Ministry of Shipping, Government of India, with Chennai as headquarters. It was set up to promote maritime studies, training, research and extension with focus on emerging areas like oceanography, maritime history, maritime laws, maritime security, search and rescue, transportation of dangerous cargo, environmental studies and other related fields, and to achieve excellence in these areas.

2. Diploma in Nautical Science leading to B.Sc., Nautical Science is a 36 month programme which includes 12 months pre-sea training followed by 18 months of on-board sea service, and 6 months of post sea training for preparation of 2nd Mate Competency Examination. On successful completion of first year the cadets will be awarded a Diploma in Nautical Science and will be eligible for onboard training.

Admissions:

Admissions to Diploma in Nautical Science leading to B.Sc. (Nautical Science) programme of February 2015 Batch in **Affiliated Institutes** are open only to 'S**ponsored Candidates**', i.e. candidates sponsored by Ship Owning or Managing Companies who qualify in IMU's CET for DNS.

1. **Common Entrance Tests for Admissions to DNS – Feb 2015 Batch:**

Admission to DNS programme of the Affiliated Institutes will be through All India Common Entrance Test for which the candidates have to appear. The **Application Fee is Rs.1000** for General candidates and **Rs.700** for Scheduled Caste/Scheduled Tribe candidates.

The **Syllabus** for CET for UG programmes will be Physics, Mathematics, Chemistry, English, General Knowledge and Aptitude at Plus 2 level (CBSE, ISE and State Boards).

The questions will be of **Multiple Choice Type**.

2. **Important Announcement: Computer-based CET DNS Feb 2015:**

For Conducting Computer based CET, the IMU has selected a Service Provider who will provide **End-to-End Services** for the successful conduct of the Computer-based CET February 2015, except for the setting of question papers which will be done by the University itself.

The End-to-End Services that the Service Provider will provide are:

- **Online Registration** of Applicants with facility to upload photographs scanned signatures and paid challan copy and to download and print filled-in

- application in standard formats. For Online Registration, Applicants should visit the website of the Indian Maritime University at **http://www.imu.edu.in** and click on the CET February 2015 hyperlink.

- Provision for printing filled in challan for making payment through Offline mode (bank challan based) payment.

- Arranging Test Venues at designated cities with sufficient number of computers, relevant software and necessary personnel to administer the CET smoothly without any hitch.

- Facility for Applicants to take at least 2 Web-based **Mock Tests** of a nature similar to IMU's CET so that they can get familiar with the Computer-based mode of testing.

- Facility for Applicants to download their **Hall Tickets**/Admit Cards with the name of the Test Venue indicated.

- **Automated e-mails/SMS** to every registered Applicant on successful registration of Application, uploading of Hall Ticket, publication of results, etc.

- Conducting the CET at the designated Test Venues.

- Evaluation of answers and publication of CET results within 3 days.

- **Applicants are also requested to periodically visit the IMU's website http://www.imu.edu.in to keep track of new announcements and changes if any. This is very important.**

- **The IMU shall not be responsible for any mistakes committed by an Applicant owing to his negligence in this aspect.**

- All correspondence to IMU regarding DNS Feb-CET-2015 shall be made via Email only at cetdns2015@imu.co.in

3. **<u>Date and Centres of IMU's Computer-based CET 2015:</u>**

The Computer-based CET for IMU's DNS Leading to B.Sc., (Nautical Science) programme scheduled to be held on **Saturday <u>7th February 2015</u> Afternoon** between **2 pm and 5 pm** in a **single shift**.

They will be held simultaneously in the following 15 cities across India:

1. Allahabad	9. Hyderabad
2. Bangalore	10. Jaipur
3. Bhopal	11. Kolkata
4. Bhubaneswar	12. Lucknow
5. Chandigarh	13. Mumbai
6. Chennai	14. New Delhi
7. Cochin	15. Patna
8. Guwahati	

The Applicants can give 3 preferences for the cities where they wish to take the CET while registering online.

While every effort will be made to accommodate an Applicant within his 3 preferred cities, **the IMU reserves the right to divert Applicants to the nearest cities** if sufficient number of candidates are not forthcoming in certain cities and also if there are too many candidates for a particular city.

If there is a large number of Applicants for certain cities, the IMU/Service Provider may arrange multiple Test Venues in such cities.

The name and address of the Test Venue will be indicated on the Hall Ticket/Admit Card and Applicants are requested to be present at the Test Venue at least 30 minutes before the time of commencement of the CET.

4. **Important Dates:**

Online Registration window opens from	**12th January 2015**
Last date for Online Registration	**27th January 2015**
Date of Computer-Based CET	**7th February 2015, 2pm – 5pm**
Date of Publication of Results	**9th February 2015**
Date of Commencement of Programmes	**16th February 2015**

5. General Instructions for DNS Programme

(i) Eligibility / Qualification for admission to DNS Course:

A. Qualification:

(a) Pass in (10 +2) or equivalent examination with Physics, Chemistry, Mathematics and English as separate subjects with a PCM average of not less than 60%.

<div align="center">OR</div>

B.Sc. in Physics, Mathematics, Chemistry or Electronics with Physics as individual subject in one of the year, with an average of not less than 50% of marks in the final year.

<div align="center">OR</div>

B.E/ B.Tech. Degree from I.I.T. or from a college recognized by AICTE with an average of not less than 50% of marks in the final year.

<div align="center">AND</div>

(b) The candidates should have obtained 50% marks in English language at 10th or 12th Std. or in the Degree course conducted by recognized Board or any University.

(ii) Date of Birth

a. **Male Candidates** belonging to General (GEN) and Other Backward Classes (OBC-NCL) categories, the date of birth should fall **between 02-02-1990 and 01-02-1998.**

b. Female Candidates of General (GEN) and Other Backward Classes (OBC-NCL) categories the date of birth should fall **between 02-02-1988 and 01-02-1998.**

c. Male and Female candidates belonging to Scheduled Castes (SC) and Scheduled Tribes (ST), the date of birth should fall **between 02-02-1985 and 01-02-1998.**

(iii) Physical Fitness

Candidates for admission to DNS course are required to produce certificate for medical fitness by authorities authorized by Director General of Shipping. **Candidates with Disability (DA) are not eligible for admission to marine courses.** List of approved doctors for issuing the certificate is available in MS Notice 14 of 2011 (**www.dgshipping.gov.in**). The candidate must be physically fit and should meet the medical requirements as specified by DGS guidelines. Failure to meet the medical standards would disqualify a candidate for admission. In case of appeal, the same will be referred to a medical board appointed by the Indian Maritime University. The decision of such medical board shall be final. Cadets are subject to further medical examination by the respective shipping companies before joining ships.

(iv) Eye sight

For DGS-approved course viz. DNS, Leading to B.Sc., (Nautical Science), there should not be any degree of squint or any morbid condition of eyes or of the eyelids that is liable to aggravate or recur, pressure of trachoma and iris complication sequela. Candidates must possess good binocular vision (Fusion faculty and full field of vision in both eyes). Movement of the eyeballs must be full in all directions and the pupils should react normally to light and accommodation.

Candidates joining DNS, Leading to B.Sc., (Nautical Science) course are not allowed to wear glasses and their vision should be 6/6 (normal) in each eye separately.

(v) The Qualifying Examinations for admission to DNS course are listed below:

i.   The final examination of the 10+2 system, conducted by any recognized central/state Board, such as Central Board of Secondary Education, New Delhi; Council for the Indian School Certificate Examinations, New Delhi; etc.

ii. Intermediate or two-year Pre-University examination conducted by a recognized Board/University.

iii. Final examination of the two-year course of the Joint Services wing of the National Defence Academy.

iv. General Certificate Education (GCE) examination (London/Cambridge/SriLanka) at the Advanced (A) level.

v. High School Certificate Examination of the Cambridge University or International Baccalaureate Diploma of the International Baccalaureate Office, Geneva.

vi. H.S.C vocational examination.

vii. Senior Secondary School Examination conducted by the National Institute of Open Schooling with a minimum of five subjects.

viii. Any Public School/Board/University examination in India or in any foreign country recognized as equivalent to the 10+2 system by the Association of Indian Universities (AIU).

ix. In case the relevant QE is not a public examination, the candidate must have passed at least one public (Board of Pre-University) examination at an earlier level.

x. Any other qualification which is recognized by Ministry of Human Resourse Development (MHRD) which is equivalent to HSC / Plus 2.

xi. B.Sc Degree in Physics, Mathematics, Chemistry or Electronics with Physics as individual subject in one of the year and the degree should have been recognized by Association of Indian Universities.

xii. B.E /B.Tech Degree from I.I.T or from a College / University recognized by AICTE.

(vi) Course Fees for DNS PROGRAMME in Affiliated Institutes

The Programme Offered is Residential.

For Male / Female Candidates: Rs.2,20,000/- Per Year

Only unmarried candidates are eligible to apply for DNS, Leading to B.Sc., (Nautical Science).

Candidates desirous of joining these courses are advised to apply for Passport before taking admission.

6. <u>Course Contents</u>

<u>DNS Leading to B.Sc., (Nautical Science)</u>

Semester – I	Semester – II
Applied Mathematics	Navigation III : Terrestrial, Coastal and Celestial Navigation
Applied Sciences	Navigation IV : Advanced Bridge Equipment, Watch keeping and Meteorology
Applied Electricity & Electronics	Cargo Handling, Stowage and Seamanship II
Navigation I : Terrestrial & Celestial	Ship Construction & Ship Stability
Navigation II : Bridge Equipment, Watch Keeping and Meteorology	Ship Operations
Cargo Handling, Stowage and Seamanship I	English Laboratory
English, Human Factors & Maritime History	Workshop Practices and Seamanship Laboratory
Applied Sciences Laboratory	Navigation Laboratory
Computer Laboratory	
Workshop Practices	
Seamanship Laboratory	
Semester – III	Semester – IV
Bridge Watch Keeping, Ship Safety & Security	Navigational Aids & Environmental Protection
Semester – V	Semester - VI
Ship Maneuvering & Future issues	Terrestrial Navigation & Chart work Celestial Navigation Meteorology Bridge Watch keeping Signals & Communication Cargo Handling & Stowage Ship Construction, Stability, Ship - Safety Environment Protection

7. List of Institutes Affiliated to the IMU For Feb 2015 DNS Batch

Sl. No.	College Name
1	Anglo Eastern Maritime Academy, Mumbai
2	Applied Research International, New Delhi
3	Great Eastern Institute of Maritime Studies, Mumbai
4	Hindustan Institute of Maritime Training - HIMT College, Kilpauk, Chennai
5	International Maritime Institute, New Delhi
6	Maritime Training Institute, (SCI) Mumbai
7	Maritime Training Institute, (SCI) Tuticorin
8	MMTI'S Education & Research Trust, Mumbai
9	Perunthalaivar Kamarajar Institute of Maritime Science and Engineering, Chidambaram
10	RVS College of Maritime Science & Engineering, Karaikal
11	Sailors Maritime Academy, Vishakhapatnam
12	Samundra Institute of Maritime Studies, Mumbai
13	Southern Academy of Maritime Studies, Chennai
14	Training Ship Rahaman, Mumbai
15	Vishwakarma Maritime Institute, Pune

WISHING ALL ASPIRING CANDIDATES TO

THE INDIAN MARITIME UNIVERSITY

THE VERY BEST!