

On successful completion of the course, all Cadets will be given a certificate for having successfully completed the One Year Pre Sea Deck Cadet Course as per IMU - DGS Project for award of a Diploma in Nautical Science.

Training Ship Rahaman will process documents of the Cadets for the issue of Continuous Discharge Certificate (CDC) i.e. Seaman's book with the Office of the Shipping Master, Mumbai. This process takes about two to three months, however only those student who pass sem I & II term end exams will receive it.

#### FEES:

Fee payable by the candidate for the Diploma Course to the Training Ship and Indian Maritime University for all five semesters is as follows:

#### IMU Fee:

**At the time admission :**

**Rs. 35,000/- For IMU**

**Training Ship Rahaman Fee: Fees of Rs. 3,45,000/- for 2 Semester's of the course is payable as follows:**

**At the time admission:**

Draft of Rs. 1,72,500/- (all inclusive fee) in favour of "Sir Mohamed Yusuf Seamen Welfare Foundation" payable at Mumbai.

**At beginning of Semester II :**

Draft of Rs. 1,72,500/- (all inclusive) in favour of "Sir Mohamed Yusuf Seamen Welfare Foundation" payable at Mumbai.

#### Note:

1 Interest will be levied at 2.5% per month for late payment.

2 Above fees are subject to change

3 Training Ship Rahaman has an understanding with Bank of India to process Education Loans to students desiring to study in courses leading to a degree from a recognised university. The Loans will be processed through their Gavhan branch in conjunction with the student's local Bank of India branch.

#### SHORE - LEAVE :

Shore Leave is granted to Cadets once a week on Sundays from 0600hours until 2100 hours. to proceed to Mumbai, provided the Captain Superintendent is satisfied with the trainee's conduct and behaviour. Only those Cadets who have submitted Parent / Guardian forms duly signed will be allowed to proceed on shore leave.

#### SERVICES:

##### LIBRARY:

A Maritime Reference Library is available for the use of the Cadets Internet, e-mail & scanning facilities are available in the Library on payment Those desiring to use it should approach the Librarian.



#### BULLOCK CART CANTEEN & ALI PROVISION STORE:

In addition to the above facilities the establishment also has a canteen where soft drinks and snacks are available. Besides this you can also purchase your miscellaneous requirements like toilet articles, stationery items, etc. from Manna provision store in the Campus

##### LAUNDRY:

Laundry service is available on payment in the campus, consult the House Keeper for details.

#### **SURVIVAL AT SEACENTRE :**

Initiated in the year 1981 by the Directorate General of Shipping the first Survival at Sea Course designed to train seafarers in basic survival techniques at sea was launched on National Maritime Day with the training of a batch of seamen from Mogul Lines. Later in 1985 davits were added and the far more advanced courses in Proficiency in Survival Craft were also introduced for Officers of the Merchant Marine. The Establishment is a member of the International Association for Safety & Survival Training (I.A.S.S.T.) & Global Met.

#### **MARITIME FIRE FIGHTING COMPLEX :**

Inaugurated in Feb 1984 the first centre for training both Crew and Officers of the Merchant Marine in Fire Fighting Courses as stipulated by the STCW Convention of the International



Maritime Organisation was established. It has on its grounds two double storey ship's mock-up structure where actual "Fire at Sea" conditions are simulated to give the trainees exhaustive training in prevention, control and fighting of fires.

#### **MARINE MUSEUM :**

Established in the year 1912 by the late Sir Mohamed Yusuf, India's oldest Maritime Museum was initially started as an institutional Museum attached to the Marine School. Over the years it grew into



whose pioneering efforts have resulted not only in the first on the west coast of India. Indian owned Shipping Company, but also the first Marine School and Marine Museum in India.

#### **FATMA BANU HOSPITAL :**

Founded in the year 1915 for the benefit of the local inhabitants of Nhava in memory of the wife of Haji Ismail who died in Damascus in Syria in 1913. Over the years the Hospital has expanded considerably and today has the only air-conditioned operating theatre in the whole area, an Xray section, Dental Unit and Pathology Laboratory. A fully qualified doctor is in attendance at all times. A small dispensary is also attached to the Hospital to cater to all normal requirements of medicines. The Hospital also conducts First Aid Courses for Merchant Marine Officers, and crew.



withdrawn as and when required. The Training Ship is not responsible for any loss or theft of valuables.

#### **DAMAGE TO PROPERTY :**

Damages or loss to the Training Ship's property due to negligence or otherwise committed by Cadets will have to be reimbursed to the Training Ship and the Captain Superintendent's decision as to the amount payable will be final.

#### **EXPULSION OF CADETS:**

If it is found that during the period of the training any Cadet deliberately and consistently flouts the rules and regulations of the establishment, the Captain Superintendent may expel the Cadet from the Training Ship.

#### **ACCIDENT OR DEATH :**

The Management or Staff of the Training Ship will in no way be responsible for any accident or injury suffered by any Cadets during the course of his training at Nhava. However, all Pre Sea Students are covered by a Group Insurance Policy covering only injuries sustained during bonafide training.

#### **CORRESPONDENCE**

All correspondence and enquiries should be addressed to:-

##### **The Principal,**

Training Ship Rahaman, Sir Mohamed Yusuf Seamen Welfare Foundation, Jahaz Mahal Annexe, 170 K, Samander Point Estate, Worli, Mumbai, Pin-400 018.

Tel : (91-22) 24938740 / 24933324 (MUMBAI) FAX : 24950270 (MUMBAI)

**Training Centre:** Nhava, Tal: Panvel, Dist: Raigad, Navi Mumbai - 410206

Tel: (91-22) 27212828 / 800 / 802 (NHAVA) FAX : 27212201 / 27212495 (NHAVA)

E-mail: booking.presea@tsrahaman.org

**Visit our Web site: [www.tsrahaman.org](http://www.tsrahaman.org)**



a full fledged Museum. It is housed in the residence of the late Haji Ismail who is reputed to have acquired it from one of the members of the famous Wadia family, the Master ship builders of Bombay. The ground floor galleries are devoted to the History of Indian Shipping from the earliest days. There is also a gallery set aside for Marine Ecology. The first floor contains the history of the Bombay Steam Navigation Co., the Training Ship Rahaman and one gallery on the Story of Scindias. The second floor contains memorabilia of the Yusuf family,

# SIR MOHAMED YUSUF SEAMEN WELFARE FOUNDATION

## Training Ship Rahaman

Nation's oldest Maritime Training Establishment



**Established 1910**

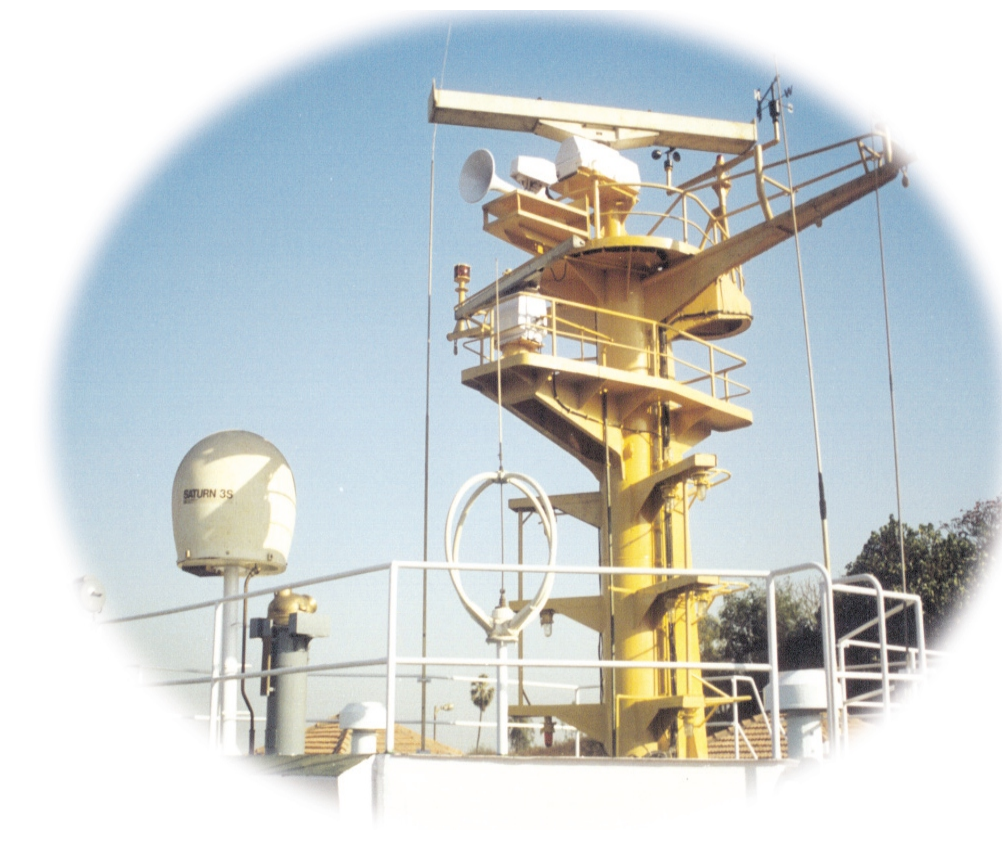
## DIPLOMA IN NAUTICAL SCIENCE

### Leading to BSc. (Applied Nautical Science)

(Affiliated to Indian Maritime University)

**CERTIFIED ISO 9001:2008**

# PROSPECTUS



**Sir Mohamed Yusuf Seamen Welfare Foundation**

Regd. Office: Jahaz Mahal Annexe, 170 K Samander Point Estate, Worli, Mumbai - 400 018.

Worli Fax No.: 2495 0270 Nhava Fax No.: 27212495, 27212201



**BRIEF HISTORY & BACK GROUND:**

Established in the year 1910 as an Orphanage by the Late Haji Ismail Yusuf, it was converted to a Marine School and later a College by his eldest son Sir Mohamed Yusuf and has the unique distinction of not only being the first and the only one of its type in South Asia, but also the first to train Indians as Officers for the Merchant Marine. This Nautical Training Institute was later renamed as "Training Ship Rahaman" in 1972 by the Late Chairman (Emeritus), Mr. A. Rashid Yusuf, in memory of his father Mr. Abdul Rahaman, the first President of the Managing Board ( and the eldest son of Sir Mohamed Yusuf). This pioneering Establishment has over the last nine decades, served the Marine community with dedication. The Institution conducts Pre Sea Courses besides various other STCW Courses on its premises. The courses are recognised by the Directorate General of Shipping, Ministry of Shipping, Government of India."

**AIMS AND OBJECTIVES OF THE COURSE :**

This course is designed to assist a prospective navigating officer in achieving the minimum standards of competence for officers in charge of navigational watch on ships of 500 gross tonnes or more as specified in Regulation II/1, Table A-1 of STCW Code 1995.



This course is aimed at preparing the Cadet to develop a right attitude towards tasks and duties assigned to him during the on-board training programme in learning the job of being a ship's officer and in achieving the overall standard of competence required.

**ELIGIBILITY :**

- (A) Educational (1)** 10+2 with Physics, Chemistry and Mathematics(PCM) with not less than 60% aggregate marks in PCM from a recognised Board.
- (2)** Should have passed with not less than 50% marks in English as a subject, at either 10th or 12th standard or Degree conducted by a Board or University.
- (3)** BSc. 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.
- (4)** 5% relaxation in eligibility marks for SC/ST candidates except for English Marks
- (5)** B.E. / BTech. Degree from I.I.T or from a college recognised by AICTE with an average of not less than 50% of marks in the final year.

**(B) Age:** Not less than 17 years and not more than 25 years on date of commencement of course, age limit is relaxable by 2 years in case of female candidates and 5 years for male candidates belonging to Scheduled Castes (SC) and Scheduled Tribes (ST), on the date of commencement of the course.

**(C) Physical and Medical Standards:** Medically fit as per the standards prescribed by M.S. Medical Examination Rules, 2000.



Academy Building



**Eye Sight :** 6/6 in each eye without visual aids and normal colour vision and should have passed the Eye Sight Test from a D.G. approved doctor.

**ADMISSION PROCEDURE :**

The pre sea contact program at an approved institute consists of two semesters, each of about 23 weeks duration, and the admission for this program is offered twice a year in February and August. IMU will invite the prospective Cadets to apply through advertisements in national & regional dailies detailing all relevant information, criteria for admission, last date for submission of forms and a list of the training institutes which are approved by DGS & IMU to conduct the Course.

Prospective cadets who apply to the institute will be sent to shipping companies for selection / sponsorship. Those selected by the companies will be accepted for training.

The Cadets may please note that after successful completion of Stage 1 of the training program, they are required in Stage 2 to complete the distance-learning program (DLP) at sea while actually staying on board a ship. While the Training Institute will liaise with IMU for delivery of the DLP to the Cadet serving on board a ship.



The Training Institutes approved by DGS / IMU on behalf of IMU may admit Cadets sponsored by Shipping Companies. In case of sponsored Cadets, the Training Institutes are required to collect the duly completed forms from the Cadets and send them to IMU with the requisite fees and complete the enrolment formalities. Non sponsored Cadets allotted to T. S. Rahaman are required to report to the Institute's Nhava campus with all their documents and thereafter are required to be declared medically fit for structured training by a DGS approved doctor, as well as pass the MMPE test conducted by a DGS approved centre. and pass the eye sight test conducted by the Mercantile Marine Department of the Directorate General of Shipping.

**UNIFORMS :**

All Cadets are required to wear uniforms, details are as given in List "A" of the Application form. In order to maintain a standard pattern, uniforms will be stitched / supplied by the Training Ship. Journals, notebooks, and professional supplies will be issued by the Institute on commencement of the course. Personal clothing, toiletries, etc. required to be brought by the Cadets will be as given in the List "C" of the Application form.

**LOCATION & DURATION OF THE COURSE**

This is a residential course held at the training ship's Nhava campus and is of 46 weeks duration. The training programme will also include on vacation training / projects. Cadets are accommodated in a dormitory with cabins on sharing basis and are required to stay in the campus throughout the period of training. Meal timings are displayed on the Catering Department Notice board and must be strictly adhered to.

**COURSE SYLLABUS**

A Pre-Sea Navigating Officer Cadet successfully completing semesters 1 and 2 would acquire basic knowledge and understanding of the types of merchant ships, ship operations, types of goods carried by ships, shipping trade, and a foundation in the basic principles of navigation and environmental science.

The course is designed to impart:

Administrative Office & Dining Hall



- ~ Theory and practice of seamanship and ship knowledge.
- ~ Good foundation in principles of navigation and introduction to Astronomical Navigation.
- ~ Practical knowledge of chart work and cargo work.
- ~ Detailed study of atmosphere and use of meteorological instruments in connection with weather reporting.
- ~ Knowledge of ship construction and ship stability.
- ~ Regular practice in Morse code signalling, in addition to International Code of Signals and use of VHF and R/T.
- ~ Practical training in handling a lifeboat and motorboat.
- ~ One Project related to shipping industry to be undertaken.
- ~ Study of environmental protection with reference to MARPOL 73/78.
- ~ Study of various IMO courses.
- ~ Study of basic Marine Engineering and drawing.
- ~ Practical training in carpentry shop, plumbing shop, machine shop, electrical shop and maintenance workshop including Electric Arc welding and Gas welding, Hydraulics, Pneumatics and Diesel Engine maintenance.

| The Program is divided in three stages – |                   |           |                   |  |
|--|-------------------|-----------|-------------------|--|
| Stage                                    | Semester          | Duration  | Teaching Method   | Award of qualification   |
| Stage 1                                  | Semester 1 & 2    | 12 months | Contact program   | Diploma in Nautical Science (IMU)  |
| Stage 2                                  | Semester 3, 4 & 5 | 18 months | Distance Learning | Higher Diploma in Nautical Science (IMU)   |
| Stage 3                                  | Semester 6        | 4 months  | Contact Program   | BSc (Nautical Science) Degree (IMU)<br>Certificate of Competency (COC) by D.G. Shipping. |

All Cadets are required to complete the following mandatory courses during the training period :

- ~ Personal Survival Techniques, (PST)
- ~ Fire Prevention & Fire Fighting, (FPFF)
- ~ Proficiency in Elementary First Aid, (EFA)
- ~ Personal Safety and Social Responsibilities. (PSSR)
- ~ Oil Tanker Familiarisation course.
- ~ Security Training for Seafarers with designated security duties

All Instructions are imparted in English.

Physical training, parade and sports are part of the curriculum and are mandatory.

**EVALUATION:**

All Cadets are required to attend minimum 90% lectures in each subject and pass in mid semester & semester end exams for each subject. Schedule of class evaluation and grading system will be as per the norms set by the training ship & IMU. The examination will be conducted in English medium and at IMU designated centres. IMU will set question papers & appoint examiners for the theory as well as practical examinations. The answer scripts for the theory papers are sent to IMU headquarters for evaluation & the results will be released by IMU.

**SEA SERVICE :**

Hostel

