



Anglo-Eastern Maritime Academy

Karjat, Maharashtra

PROSPECTUS



Campus:

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Maharashtra, India
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Regd. Office:

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Vision

To be recognized as a leading, innovative, dedicated and practical education provider in the maritime industry.

Mission

To educate and train to the highest standards in the maritime industry, making learning enjoyable and effective in the workplace.

An Officer and a Gentleman



Proud ex- AEMA cadets seen sailing on board our Ships

Nestled in a beautiful valley, surrounded by the Sahyadri hill ranges, along the banks of Ulhas river, few kilometres away from Karjat town in Maharashtra, lies the '**Anglo-Eastern Maritime Academy**' an epitome of excellence amongst the Maritime Educational Institutions in India. Situated almost midway between Mumbai and Pune, Academy can be reached by road from Karjat which is well connected by Road as well as Rail network.

The Anglo-Eastern Maritime Academy, better known by its acronym AEMA, is an institution established and owned by the *Anglo-Eastern Group*, a reputed Ship Management Company with world-wide operations. The Anglo-Eastern Ship Management Company has earned many accolades including the award for the foreign shipping company which employs maximum number of Indian seafarers. As per CEO of the group, *Mr. Peter Cremers*, establishing this Maritime Academy here at Mumbai to train Indian cadets was a "long-cherished dream come true".

Commencing operation in August 2009 with a batch of 120 Diploma in Nautical Science (DNS) deck cadets, AEMA's growth till date has been nothing less than splendid. The Graduate Mechanical Engineers (GME) training was commenced in the month of Feb 2010 and Electro-Technical Officer (ETO) Training was commenced in July 2012. Presently the campus with its Annual intake of 240 DNS (Diploma in Nautical Science) and 160 GME (Graduate Marine Engineer) Cadets and 40 ETO's (Electro-Technical Officers) is one amongst the major Pre-Sea training centres in India.

AEMA's strength lies not only on the strong backing of a world-wide Ship Management company who can provide ready sea-berths for cadet's on-board training phase but also on the top level faculty and instructors who all have been carefully chosen based on their special knowledge and skills. Being an institution run by a Shipping company for grooming their own future officers, training standards at AEMA go much beyond the university prescribed syllabus and aims at imbibing good technical skills combined with safety culture, discipline, communication skills, team-building and other officer-like qualities which all are the requirements of the present Shipping Industry.

Courses on Offer

Presently following Pre-Sea training programmes are offered at AEMA campus.

- Programme I: Diploma in Nautical Science – Leading to BSc (Applied Nautical Science)
- Programme II: Graduate Mechanical Engineering Course (GME)
- Programme III: Electro-Technical Officer Training Course (ETO)

I: Diploma in Nautical Science – Leading to BSc (Applied Nautical Science)

Course Entry Requirements

Educational Qualifications:	Pass in (10 + 2) or equivalent examination from any recognized Board/ University with Physics, Chemistry, Mathematics and English as separate subjects with a PCM average of not less than 60 %.
	OR
	B.Sc. in Physics/ Chemistry/ Maths or B.Sc. Electronics (with Physics as an individual subject in one of the year); from any University approved by UGC, with average of not less than 50% marks in the final year.
	OR
	BE/ B. Tech. degree from IIT or from a college recognized by AICTE with an average of not less than 50% of marks in the final year.
	AND
English Standards:	Should have obtained 50% marks in English language at 10 th or 12 th standard or in the Degree course conducted by a recognized board or any University
Age Limit:	The minimum age should be 17 yrs and maximum age should be 25 yrs on the date of commencement of course (Course usually commences on 1 st February and 1 st August during every year). Relaxation of 5 years is available for SC/ ST candidates and 2 years for Girl candidates.
Medical Fitness and Eye Sight Requirements:	Medically fit as per the standards set by Merchant Shipping Medical Examination Rules ** and eyesight 6/6 in each eye without visual aids and no colour blindness

** Refer to DGS Website http://dgshipping.gov.in/Content/PageUrl.aspx?page_name=MedicalExaminationRules2000 to view the rules:

Students who are awaiting their Final Year Results can also apply

DNS course is conducted under affiliation to **Indian Maritime University** (which is a *Central University*) and is approved by **Directorate General of Shipping**. In this programme, cadets will undergo one year training at the campus (two Semesters of 6 months duration each) and after passing both semester exams are awarded '**Diploma in Nautical Science**' by IMU.

Further to this, cadets can continue next 3 semesters (Semester - III, IV & V) on board ships for 18 months. For Semester VI, candidate has to appear for "Second Mates (F.G.)" examination conducted by **Mercantile Marine Department**. Upon passing the 'Second Mates' examination IMU issues Provisional Degree Certificate of **B.Sc. in Applied Nautical Science**.

II: Graduate Mechanical Engineer's (GME) Course

Training Duration: 8 Months at AEMA (2 Semesters of 4 Months each) followed by 4 Months on board ships

Course Entry Requirements:

Educational Qualifications:	BE/ B.Tech in Mechanical Engineering or Naval Architecture with minimum 60% from a college recognized by AICTE/ UGC or from IIT. Candidates with BE/ B.Tech in "Mechanical and Automation Degree" from UGC/ AICTE recognized colleges are also eligible to apply as per <u>DGS Training Circular 5 of 2012</u> *
English Standards:	Should have secured not less than 50% marks in English subject, at either 10 th / 12 th / Diploma level exam conducted by a recognized board
Age Limit:	Age not more than 28 yrs at the commencement of Course (Course usually commences on February/ June/ October during every year)
Medical Fitness and Eye Sight Requirements:	Medically fit as per the standards set by ' <u>Merchant Shipping Medical Examination Rules 2000</u> ' ** and eyesight 6/12 in each eye without visual aids and no colour blindness

* Refer to DGS Website http://www.dgshipping.gov.in/writereaddata/ShippingNotices/201307110234023281250tcir5_2012.pdf to see the circular

** Refer to DGS Website http://dgshipping.gov.in/Content/PageUrl.aspx?page_name=MedicalExaminationRules2000 to view the rules:

Students who are awaiting their Final Year Results can also apply

GME course is conducted under approval from **Directorate General of Shipping** (Under Ministry of Shipping, Govt. of India). In this programme, cadets will undergo eight months training at the AEMA campus i.e.' 2 Semesters of 4 months duration each. Next phase of their training is of duration of 4 months and is conducted on board ships. After successful completion of above training, candidate will have to come back to AEMA for a 'clearance test'. Once they clear this test, they can be promoted as 'Junior Engineers' and need to do another 6 months of training on board to become eligible to appear for the 'Class –IV Engineer's Examination' conducted by Mercantile Marine Department which is the first 'competency level examination' to become a certified Marine Engineer.

III: Electro-Technical Officer's (ETO) Course

Training Duration: 4 months at AEMA followed by 8 months on board ships

Course Entry Requirements:

Educational Qualifications:	BE/ B.Tech in 'Electrical Engineering' or 'Electrical and Electronics Engineering' or 'Electronics Engineering' or 'Electronics & Telecommunications Engineering' from either a Central or State Govt. recognised College/ University which is AICTE/ UGC approved with minimum 60 % marks in qualifying examination.
English Standards:	Should have secured not less than 50% marks in English subject, at either 10 th / 12 th / Diploma level exam conducted by a recognized board
Age Limit:	Age limit as stipulated under DGS guidelines. Company prefers candidates who are not more than 28 yrs at the commencement of Course (Course commences in June)
Medical Fitness and Eye Sight Requirements:	Medically fit as per the standards set by ' <u>Merchant Shipping Medical Examination Rules 2000</u> ' ** and eyesight 6/12 in each eye without visual aids and no colour blindness

** Refer to DGS Website http://dgshipping.gov.in/Content/PageUrl.aspx?page_name=MedicalExaminationRules2000 to view the rules:

Students who are awaiting their Final Year Results can also apply

ETO course is conducted under approval from **Directorate General of Shipping**. In this programme, selected cadets will undergo four months training at the AEMA campus. Next phase of training of duration eight months is conducted on board ships. After successful completion of above training, and clearing the examination at MMD, the candidates can become "Electro-Technical Officers" on board ships.

HOW TO APPLY

Candidates who wish to apply for joining any of the courses at AEMA, should log on to our website: <http://www.angloeasterncollege.com> and click on the link “Apply for On-line Test”. There they can fill in their personal details in the form provided and submit.



After submission of On-line application, candidate will receive an e- mail with details of the payment of the online test fees.

- Pay the requisite fees for ‘Entrance Test’. Fees can be paid either ‘On-line’ or through ‘Demand-Draft’.
- Once the payment is made, candidate will further receive a confirmatory e-mail wherein a URL link will be provided for booking seat for the On-line test. (** Please see the details given below)
- Candidate can choose the desired test centre and date/ time slot on which they would like to appear (based on availability) and book the seat accordingly.
- Candidates who are found successful in the online Entrance test and Psychometric test will further be called for a “Panel Interview” at Mumbai or Delhi.

** More about On-line Test:

On-line Entrance Test: The ‘on-line’ test consists of two parts and is of total duration of 3 hours.

Part - 1	Topics	<i>Maths, Physics, Chemistry, English, Aptitude and General Knowledge (+ “Mechanical Engineering Topics” for GME candidates and “Electrical Engineering topics” for ETO candidates)</i>
	Duration	<i>2 Hours</i>
	Marks	<i>Total 100 marks questions (No negative marking)</i>
	Level	<i>The level of difficulty for this test is based on “Std XII Syllabus” (for DNS Candidates)</i>

(Further details and syllabus for the Entrance test is given on our website under ‘FAQ section’).

Part - 2 of the On-line test consists of “Personality based questions” and is of duration 1 Hour.

Panel Interview:

Short-listed candidates who pass the online tests shall be sent an email asking them to appear for an Interview. The interviews will be held on specific dates either at Mumbai or Delhi. A candidate is required to present himself in formal attire (with tie). They are required to carry the original mark sheets and certificates of Xth, XIIth, BE and Degree certificates, as applicable. While due weightage is given to Academics, importance is also given to any achievements in extra-curricular activities, sports etc. which indicate an all round personality of the candidate. The interviews are held without any prejudice and selection will be based purely on merit.

Medical Examination and Eye-test:

The candidates, who pass the interview, will be directed to undergo medical examination by company appointed doctors. The same doctor will also be conducting an Eye-Test which conforms to the requirements of medical examination rules of Directorate General of Shipping. The results of the medical/ eye tests are directly forwarded to the company by the doctor.

Provisional Selection Letter:

Candidate who clear the above selection procedures of Anglo-Eastern Maritime Academy will be issued with a 'Provisional selection letter'. In order to reserve their seat at Academy and get selected, a candidate will have to submit the following documents.

1. 10th Std original mark sheet
2. 12th Std original mark sheet
3. B.Sc./ Graduation original mark sheet (if applicable)
4. Original Birth Certificate
5. Migration / Transfer Certificate
6. Passport (either applied or in possession)
7. Medical fitness report (directly received from company approved doctor)
8. 2 passport size photos (kindly write your name behind the photo in pencil)
9. Demand draft of Rs. 50,000/- in favor of "Anglo Eastern Maritime Academy" payable at Mumbai.

IMU Common Entrance Test (applicable for DNS candidates only)

It is mandatory by the Indian Maritime University that all candidates who wish to join the DNS programme should clear the IMU Common Entrance Test (CET). The procedure for applying for IMU CET and the dates and venue of 'Entrance test' etc. will be published by the university on their web-site www.imu.edu.in

Selection Offer Letter:

Candidates who fulfill all required eligibility criteria (DNS Candidates additionally should also qualify in IMU CET) and have been in the merit list will be issued with 'Offer letter' to join the respected course. They will be issued with 'Joining Instructions' and 'Fee Structure' pertaining to the programme for which they are joining the Academy.

Training facilities and other amenities provided at AEMA:

Boarding and Lodging facilities:

Being a campus catering for fully residential programmes, good hostel facilities are provided for the cadets which comprise of twin / triple sharing rooms with full time presence of duty wardens and medical supervisor. Food served is of mixed cuisine type and the diet is well planned to be balanced, wholesome and nutritious.

Workshop and Laboratories:

Well-designed and fully equipped Workshops are set up for training the engineering and nautical cadets. The workshops are equipped with lathe machines, shaping machines, milling machines, welding and gas cutting equipment, plumbing and carpentry equipments, bench and pipe fitting equipments, electric and electronic controls, hydraulics and pneumatics trainer etc.

AEMA follows a very high standard of Safety and any candidate found to be flouting the safety norms will be reprimanded.

Ship Forecastle Area and Seamanship Labs

Academy has constructed a ship forecastle area replica with a working mooring winch to educate the cadets in mooring operations. Academy has also set up few Seamanship labs and LSA/ FFA lab with various equipments and replica models to facilitate training

Ship Handling Simulator

The Bridge simulator has been set up to give nautical cadets hands on training for steering practice on the. Besides functioning of Navigation equipment like Radar, Echo Sounder, Electronic Charts Display is demonstrated to supplement the theory with practical.



Library and Net-lab

AEMA has a well-equipped Library with technical books on all marine related subjects to enhance the knowledge of the students. An E-library has been set up which allows them access to the in-house Knowledge Management System and the MEETS - STCW programme which has been specially designed to cater to their needs. AEMA has a fully equipped computer lab with internet facilities for training the cadets. Cadets are also permitted the use of these computers for personal email/netsurfing use during the leisure hours.

Wheel House and Light House

Academy has built a replica of a modern Merchant Ship's Wheel-house. Here, cadets practice handling of various Bridge Equipments & learn the basics of bridge watch-keeping routines.

An operational Light house model has been installed near the lake shore which allows cadets to practice identification of Light Houses from the characteristics of light.

Recreation facilities

Academy Management understands the importance of providing proper recreation facilities to the cadets as part of their overall development and growth. The various facilities provided in the campus for leisure include provisions for outdoor games like basketball, football, volleyball, badminton etc. The Cadet Recreation room with its TV and cable connection, various indoor games like table tennis, Caroms, Chess etc. allow the cadets to socialize and unwind themselves at the end of the day. A well equipped Gymnasium is provided to the cadets for physical work out sessions and to keep themselves bodily fit.

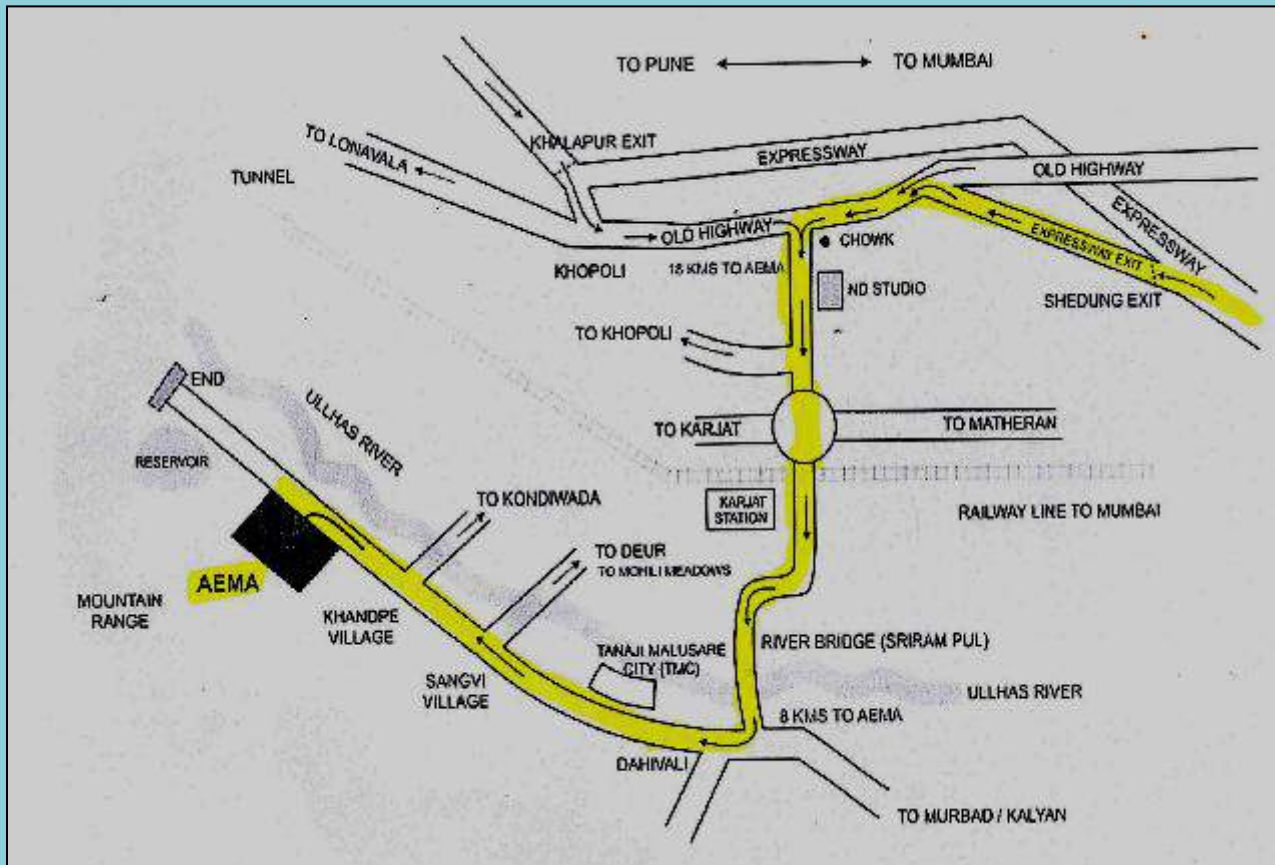
Swimming is part of the curriculum for all cadets and the Swimming Pool within the campus is used to provide regular swimming lessons to cadets under the guidance of qualified instructors.

Kiosk

"*The Anchorage*" is an in-house kiosk operating at AEMA campus and caters to the minor daily needs of cadets including few eatables, snacks, personal toiletry items, stationery items etc. Kiosk is open few hours during the day and items are sold to the cadets on cash purchase basis.



Road Map Showing the Route to AEMA:



Approaching from Mumbai:

- Take 'Shedung' exit from Mumbai – Pune expressway and join NH4
- At 'Chowk' junction take left towards 'Karjat'

Approaching from Pune:

- Follow 'Old Mumbai – Pune Route' (NH4) till Chowk junction and turn right towards Karjat.
- After reaching 'Karjat' cross the 'Sriram Pul' bridge over the river 'Ulhas' and turn right at Dahivali.
- Follow the road which goes parallel along the banks of Ulhas river;
- Cross 'Sangvi' and 'Khandpe' villages enroute before reaching AEMA.

If you have any further queries, please feel free to contact us on our toll free number 1800 209 2376 during office hours (Mon to Fri – 0900 to 1800 Hrs IST) or by E-mail: careers.sea@angloeasterngroup.com
