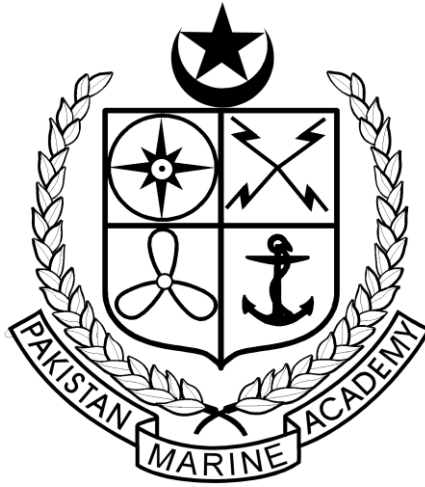


PAKISTAN MARINE ACADEMY



MATERIAL FOR THE YEAR BOOK

2017 – 2018



PAKISTAN MARINE ACADEMY

Introduction:

In 1962, Pakistan Mercantile Marine Academy was established at Juldia, Chittagong (former East Pakistan), for training of Merchant Marine Cadets. However in 1971, the Academy was shifted to Karachi at a temporary location and renamed as Pakistan Marine Academy (**PMA**). Subsequently, in 1978, it was finally shifted to current location at Hawks Bay Road, Mauripur, Karachi. In 1997, Seamen Training Centre, a training institute of Sailors was also merged with PMA.

PMA is the only institution of Pakistan for training of Seafarers. It is also the regional branch of World Maritime University, Malmo, Sweden. PMA has meritorious standing among galaxy of world's elite institutions for training of Merchant Mariners.

Merchant Navy serves as backbone of a country's economy, wherein, Merchant Mariners play a pivotal role towards national development. PMA prepares graduates for impending challenges of unprecedented nature by equipping them with knowledge of cutting-edge technologies. Therefore, curricula is designed & developed to ensure requisite professional education, training and skills in respective disciplines.

PMA is affiliated with NED University of Engineering & Technology, Karachi, which awards Associate Degree in Nautical Science and Marine Engineering to Cadets on completion of 02 years training.



A View of Admin Block

Mandate by Ministry of Maritime Affairs, GoP

Ministry of Maritime Affairs has mandated PMA for “Provision of Maritime Education & Training to Cadet and Sailors for onwards deployment in Maritime / Shipping Industry.

In view of above, targets set by the Government for PMA are:

- a. To train and educate at least 170 Cadets (Nautical & Marine Engineering) in a year, through 2 years resident program.
- b. To train 200 General Purpose Crew/Ratings, annually.
- c. To conduct pre-sea and post-sea, IMO Mandatory Courses.

Vision, Mission, Aim & Objectives

Vision: A preeminent Maritime Institute of Pakistan, producing Seafarers to meet contemporary requirements at sea and ashore for maritime industry.

Mission: To produce professionally skilled and capable Human Resource in order to meet requirements of maritime/shipping industry

Aim. The ultimate aim is to make academic career more flexible by articulating curricula in unison with desired professional requirements, emphasizing on core competencies and leadership qualities.

Objectives. The main objectives of Pakistan Marine Academy are:

- a. To provide comprehensive knowledge in the fields of Nautical and Marine Engineering, for a successful career at sea and ashore, for both Cadets and sailors.
- b. To develop leadership qualities, high sense of responsibility, honour, uprightness, pride of profession, loyalty and devotion to the profession, thereby serving the country.
- c. To provide higher professional training in selected Maritime disciplines and conduct mid-career courses for seafarers through the Maritime College / University.

Training Facilities

PMA provides an environment geared up for professional learning and training in a congenial academic atmosphere, supported by quality teaching and requisite practical training, through state-of-the-art infrastructure. The Academy has a magnificent civil infrastructure consisting of ingeniously designed and purpose built buildings for the administrative staff, instruction and the training activities, accommodation facilities, simulators, engineering workshop, and medical center.



Instructional Block



Parade Ground / Cadets' Block



Class Room



Library

To support training activities, PMA has state of the art Bridge, Engineering, ECDIS, GMDSS, Radar ARPA & High Voltage simulators; well-equipped science laboratories, engineering workshops, Fire-fighting mock-up; a well-stocked library and a modern computer lab. In addition, there are indoor/outdoor sports facilities/fields, swimming pool, auditorium, parade ground and a pier (jetty) for water-borne training facilities. A fully equipped medical center provides basic medical cover to the trainees and the residents of the campus. Residential quarters for 30 officers and about 95 staff members are also available on the campus.



Ship Model Room



Computer Lab

Experienced and dedicated teaching faculty members cater for the educational and training needs of the students. The basic training is offered on full residential basis, while pre-sea and post-sea short courses are offered for day scholars.



Full Mission Bridge Simulator



Swimming Pool



Boat Handling



Passing-out Parade

Environment:

The Academy is situated on seaside and is at a distance of 10 Kilometers from the main city therefore, the environment is pollution free. Plantation of Mangroves has enhanced the greenery in the campus.



A Beautiful View of Jetty

The Academy has a faculty comprising of permanently employed members supplemented by visiting instructors and guest scholars, as necessary. The team of instructors at PMA includes experienced naval and merchant marine officers and scholars, who mostly holds post graduate qualifications in their respective fields with having rich practical experience at sea. These include a number of graduates from World Maritime University (Malmo), as well. In addition, Academy also employs about 170 admin staff to support the training activities. This expertise enables PMA to offer a wide range of specialized courses to complement and meet contemporary needs of dynamic maritime industry.

The Academy has professional associations with universities and training institutes within Pakistan and abroad.

Training Equipment

PMA is well equipped with the finest training facilities in the region, which include, Full Mission Bridge and Engine Simulators, Global Maritime Distress & Safety System (GMDSS), ECDIS, RADAR/ARPA and High Voltage Simulators, full range of Electronic Navigational Aids, Gyro Compass Working models, Cargo Handling Working Models, Mini Planetarium, Tankers Course Laboratory, Mini Oil Recovery Skimmer, Seamanship Practical Training Room, Electrical and Mechanical Workshops, Fire-fighting training mock-up and Computer Laboratory.

Courses & Training Programmes:

The Academy conducts Pre-Sea & Post-Sea courses as per training requirements of IMO, in accordance with STCW convention; following data is relevant in this regard:

Yearly Recruits (Pre-Sea):	170 Cadets and 100 GPs
No. of Trained Pre-Sea Cadets:	3000(approx.)
No. of Trained Post-Sea Training:	30,000(Nautical & Engineering)
No. of Trained GPs:	2300 (approx.)

Pre-Sea Courses

a. 02 Years Course in Nautical/Marine Engineering Discipline

(Leading to award of Associate Degree in Ship Management & Marine Engineering by the NED University of Engineering & Technology, Karachi)

Admission Criteria

- i) Qualification: Higher Secondary School Certificate (Intermediate in Science with Mathematics, Physics, Chemistry) i.e. 12 years school education.
- ii) Age: 17-20 Years.
- iii) Medical Fitness: As per standards for Seafarers.
- iv) Entry Test

b. 05 month GP-III Training (For Ratings)

Admission Criteria

- i) Qualification: Secondary School Certificate Holder that is 10 years school education.
- ii) Age: 18-25 Years.
- iii) Medical Fitness: As per standards for Seafarers

Post Sea/Short/Mandatory Courses:

- a. Oil Tanker Familiarization.
- b. Engine Plant Simulator.
- c. Global Maritime Distress Safety System (GMDSS).
- d. Basic Fire Fighting Course.
- e. Personal Survival Techniques Course.
- f. Elementary First Aid Course.
- g. Proficiency in Survival Craft & Rescue Board.
- h. Personal Safety & Social Responsibility

Performance /Achievements during the year 2017 - 18:

Revised Scheme of Studies for Associate Degree Programme in Nautical Science and Marine Engineering has been approved by Syndicate & Academic Council of NED University of Engineering & Technology Karachi. The same has been implemented from 56th Batch (w.e.f January 2018).

The Academy conducted following programmes / courses during the above mentioned period. Number of participants / qualified trainees is mentioned against each:

S#	Name of Course	Duration	No. of Trainees (2017-18)
1	Associate Degree in Ship Management	02 Years	63
2	Associate Degree in Marine Engineering	02 Years	73
3	GP-III (Rating course) i) Regular Scheme ii) Prime Minister Scheme (NAVTTTC)	05 months	168 (NAVTTTC)
4	Short/Mandatory Courses:	3 to 18 days	2595

Procurement/Installation of Latest Simulators: New State of the Art, Global Maritime Distress and Safety System (GMDSS), ECDIS, RADAR/ARPA and High Voltage Simulators have been recently installed, replacing obsolete ones, for training of Seafarers.

Co-Curricular Activities: Following Co-curricular activities were held during the year 2017-18:

- a. 54th PMA Raising Day celebrated on 15th September 2017.
- b. 3rd Inter-City Sports Gala was organized by PMA.
- c. 2nd PMA Bilingual Declamation Contest was conducted on 22.03.2018
- d. 2nd International Maritime Academies Seminar (IMAS): 18-19 Apr 18.
- e. Conducted Maritime Awareness Seminar at College/University Level.
- f. JV HED (Punjab) and PMA at Bahawalpur in Oct 17.
- g. Conducted Maritime Awareness Seminar at College/University Level.
- h. JV HED (AJK) and PMA at Muzaffarabad in Nov 17.

Projects Completed (2017-18):

S#	Name of Project	Cost	Remarks (if any)
1.	The Global Maritime Distress and Safety System (GMDSS), ECDIS, RADAR/ARPA and High Voltage Simulators	Rs.55 M	
2.	Renovation/re-Construction of Swimming Pool	Rs.6.5 M	----

Focal Person:

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