

## AMETians

Holding EnviablE Positions & Earning Fabulous Salary

K.S.S. Manojkumar (B.E. Marine Technology, 2009)  
Chief Officer in Maersk Tanker Pvt. Ltd.



Mr. Saran Kumar (Chief Mate) - B.Sc Nautical Science-6<sup>th</sup> Batch  
V Ships

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Chief Engineer, Seateam Management Pvt.Ltd.



Ms. Amreen Bano (Electro Technical Officer, 5<sup>th</sup> Batch)  
Wallem Ship Management, Hongkong

Mr. Vignesh -(B.E. Naval Architecture & Offshore Engineering - 2<sup>nd</sup> Batch)  
Zener Marine, Singapore - Senior Naval Architect & Project Manager



Mr. Janakiraman Devaraj - (MBA)  
District Sales Manager at Diamond Shipping Services LLC. Dubai



# Marine & Maritime Education in AMET

## Maritime Education

### Seagoing (DGS Approved)

- Marine Engineering
- Nautical Science

### Non-Seagoing (AICTE Approved)

- Naval Architecture and Offshore Engineering
- Petroleum Engineering
- Mining Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering
- Food Processing Technology
- Shipping and Logistics Management

SONANGOL NAMIBE  
NASSAU

IMONO-822222



# Contents

Courses Offered	-	4
Short Overview	-	5
Recognition and Accreditation	-	7
Chancellor Speaks	-	8
Pro Chancellor Speaks	-	9
Vice-Chancellor's Message	-	10
International Board of Advisors	-	11
Vision and Mission	-	12
New Initiative	-	13
Grade A1 - Outstanding	-	14
National and International Academic & Research Collaborations	-	17
Department of Nautical Science	-	20
Department of Marine Engineering	-	22
Department of Mechanical Engineering	-	26
Department of Naval Architecture & Offshore Engineering	-	27
Department of Petroleum Engineering	-	28
Department of Mining Engineering	-	29
Department of Electrical and Electronics Engineering	-	30
Department of Information Technology	-	31
AMET Business School	-	32
Department of Commerce	-	33
Department of Food Processing Technology	-	34
Department of Marine Biotechnology	-	35
Twinning Programmes (International Collaborative Programmes)	-	36
Department of Post Sea Courses	-	41
High Voltage Safety & Switch Gear Course	-	42
Department of Pre-Sea Modular Courses	-	43
Department of GMDSS Course	-	43
Pre-Sea GP Rating Course	-	44
Research and Development Division	-	45
Centre for Research	-	46
Value Added Programmes	-	47
Allied Departments	-	48
Directorate of Placements	-	49
State of the Art - Library	-	52
Ninth Convocation	-	53
Residential Facility	-	54
Academic Governance at AMET	-	55
Centre for International Relations(CIR)	-	58
International Students at AMET	-	59
AMET Silver Jubilee Celebration at Mumbai	-	60



## Under Graduate Programmes

B.Sc. Nautical Science (3 Years) with Minor Degree in Artificial Intelligence	20
B.E. Marine Engineering (4 Years) with Minor Degree in Artificial Intelligence	22
B.E. Mechanical Engineering (4 Years) with Minor Degree in Industrial Internet of Things (IIoT)	26
B.E. Naval Architecture and Offshore Engg. (4 Years) with Minor Degree in Logistics Management	27
B.E. Petroleum Engineering (4 Years) with Minor Degree in Artificial Intelligence	28
B.E. Electrical and Electronics Engineering (Marine) (4 Years) with Minor Degree in Industry 4.0 Applications	30
B.E. Mining Engineering (4 Years) with Minor Degree in Data Science for Natural Resources	29
B.Tech. Food Processing Technology (4 Years) with Minor Degree in 3D Printing	34
B.Sc. Data Science (3 Years) with Minor Degree in Blockchain Technology	31
B.Sc. Artificial Intelligence and Machine Learning (3 Years) with Minor Degree in Industry 4.0 Applications	31
B.B.A. Shipping (3 Years) with Minor Degree in Data Science	32
B.Com. (General) (3 Years) with Minor Degree in Digital Marketing	33
B.Com. (Honours) Computer Applications (3 Years) with Minor Degree in Big Data Analytics	33
B.Voc.(BFSI) Banking Finance Services and Insurance (3 Years)	33

## Post Graduate Programmes

MBA Shipping and Logistics Management (2 Years) with Minor Degree in Artificial Intelligence	32
M.E. Naval Architecture and Offshore Engg. (2 Years)	27
M.E. Petroleum Engineering (2 Years)	28
M.E. Thermal and Fluid Engineering (2 Years)	26
M.E. Power Systems (2 Years)	30
M.Sc. Marine Biotechnology (2 Years)	35

## Certificate Programme

Graduate Marine Engineering (GME) (1 Year)	23
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## Short Term Courses

Post Sea Courses	41
High Voltage Safety and Switch Gear Course	42
Pre-Sea Modular Courses	43
GMDSS Course	43
Pre-Sea GP Rating Course	44
ETO Course	24

## International Collaborative Programmes

B.Sc. (Hons) Robotics and Artificial Intelligence (EDGE Hill University, UK)- 3 Years	36
Advanced Diploma in Nautical Science (COGC, UK) - 2 Years	37
Advanced Diploma in Nautical Science (STC, UK) - 2 Years	38
Advanced Diploma in Marine Engineering (COGC, UK) - 2 Years	37
Advanced Diploma in Marine Engineering (STC, UK) - 2 Years	38
B.E. Naval Architecture and Offshore Engineering (University of Strathclyde, UK) - 4 Years	39
B.Sc. (Hons.) Maritime Business and Logistics (University of Plymouth, UK) - 3 Years	39

<b>Value Added Programmes</b>	<b>47</b>
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## Short Overview

Academy of Maritime Education and Training (AMET), Chennai, Tamil Nadu, India is a pioneer Institution established for dissemination of knowledge and training, exclusively in the field of Maritime Education. Having started in the year 1993, with a humble beginning of 14 cadets, AMET has now been transformed in to a Centre for Excellence with global accreditation, for providing quality education and training and to carry out substantial research in the discipline of Maritime Education. Further, AMET has been conferred with the status of “Deemed to be University” under Section 3 of the UGC Act and to have the unique distinction of being the pioneer Institution to have been established exclusively for imparting Maritime courses and training in India. About 4000 students are currently undergoing various Maritime time and Marine related courses. The Maritime courses offered at AMET are all duly approved by the Directorate General of Shipping, Government of India, the apex body to exercise control over the Institutions offering courses in Maritime Education; besides University Grants Commission as well as All India Council for Technical Education (AICTE).

### Academic

a) Creativity integrated Maritime Curriculum meeting the Physical, Intellectual and Professional needs of the cadets and the students.

b) Maritime courses which include Marine Engineering and Nautical Science, Electro Technical Officer (ETO) are all popular front ones among the youngsters of present day generation to become successful sea-farer.

c) Pre sea training imparted for Graduate Mechanical Engineers, would equip them adequately to find excellent career with Merchant Navy

d) Maritime related courses such as Naval Architecture and Offshore Engineering, Petroleum Engineering, Mechanical Engineering, Electrical and Electronics Engineering (Marine), Mining Engineering, Food Processing Technology, etc., are all very well designed suit and satisfy the requirements of Industries, in the present day context.

e) Management Programs in Shipping & Logistics is an effective and tailor made course to address emerging issues in Marine sector.

f) Well qualified Faculty with exposure to Industry, vast experience in sailing, immeasurable knowledge in Technology involved in Shipping Industries; above all with higher amount of commitment to teach through advanced technological aids.

g) Mobile apps used for teaching English language and a wide range of all methods of communication to support one-to-one personality, besides uncompromising, quality-ensuring & students-friendly autonomous evaluation system.

### Infrastructure





- LCD and OHP supported smart classrooms, resourced labs, and ambient technical workshops.
- Providing the second best experience of 'sealing before sailing' through sophisticated Ships Simulator, Ship Replica (AMET Jewel – Ship in Campus) and Swimming Pool crisis – rehearsals.
- A state of the art TRIBON Software lab and DNV Sesam Software for Naval Architecture Students.
- A well furnished spacious hostel with national and international cuisines.
- Gymnasium
- Medical care
- Recreational facilities
- AMET band
- High speed Wi-Fi enable campus
- A well equipped digitalized, open accessed Library with plenty of Books and International Maritime Journal and Newspapers and a help-desk manned by ready-to-help Librarians.

#### **Accreditation**

AMET has also been privileged to have the prestigious award of “A-1 Outstanding Grade” at its fold, for all the DGS approved courses from DNV-GL Classification Society, an authorized Agency for the Directorate General of Shipping, Government of India and furthermore, keeping this coveted ranking intact for six times, consecutively during the last six years. Besides, AMET is the first Maritime Educational Institution from India to become a permanent member of the International Association of Maritime Universities (IAMU) of the 61 world-wide Maritime Universities of 32 countries.

#### **Placement**

Today, around 12,000 of passed out graduates of AMET occupy exalted positions in Shipping Companies, globally and proudly sail all over the world, spreading the message of the quality training imparted at AMET which made them to occupy such coveted ranks in Shipping Companies in India and abroad. Thus AMET by means of proper contrivance in designing its academic & training programs relevant to the needs of the Shipping Industry has now been identified by all the reputed world-wide Shipping Companies as an appropriate institution for the supply of trained human resources. The placement training given at AMET includes –

- Developing Employability Skill and enriching communication skill through Soft Skill Trainers.
- Soft skills training to every individual to strengthen each one's Interpersonal skills, Leadership skills, Problem solving, etc.

- IELTS – International English Language Testing System. International certificate in English Language Proficiency test to open a World of opportunities abroad.

#### **Discipline**

- Zero per cent tolerance against ragging to preserve ragging free environment in the campus.
- Student Supportive Services to establish Healthy mind in Healthy body.
- Student Counselor's service to overcome stress and strain
- 'Mentor/Mentee' System

#### **Extra curricular**

a) Professional sports like cricket, football, handball, etc. effectively managed by well trained physical directors.

b) Cultural activities to improve the skills in the fields of Organizational presentation, Leadership quality, Personal development and Interpersonal communication.

#### **NCC (National Cadet Corps)**

NCC training to develop character, comradeship, discipline, a secular outlook, the spirit of adventures and ideals of selfless services

#### **YRC (Youth Red Cross)**

To educate and empower the youth to serve the Nation through constructive trainings.

#### **AMET BAND**

To train the students to form a troop or a musical group to perform music/drum beats for Parade and other Cultural events.

#### **Invitation to become AMETians**

a) With the sensitive and caring management, dedicated faculty and staff, consistent infrastructural upgrading and its relentless commitment to professional excellence, students' reservation and Maritime Research and publication. AMET evolves fast to emulate as a Resource Centre for Maritime Education and Training and is going to be an exciting experience to 'pre-sea train' at AMET.

b) Skill Development is mandatory to join the courses and obtain degrees. To make the students employable and morally fit to become a Degree holder AMET, Value addition programs like Communication Skills, Internship, Physical Education, Yoga, Meditation are compulsory.

c) Join AMET. We will take care of YOU & YOUR FUTURE.



# RECOGNITION AND ACCREDITATION

## RECOGNITION



AMET has been recognized by Directorate General of Shipping (DG Shipping) in the year 1993 and offering Marine Engineering, Nautical Science, GME, and ETO Courses.



AMET has been conferred with Deemed to be University Status under De Novo category on August 2007 by University Grants Commission under Sec.3 of UGC Act, 1956.



All the Technical Courses offered at AMET are approved by All India Council for Technical Education, New Delhi



The National Assessment and Accreditation Council (NAAC) an autonomous institution of the University Grants Commission has assessed AMET and Accredited during November 2015. The accreditation is an indication of standards of quality as set by the NAAC and valid for a period of five years from 16-11-2015.



AMET is certified to ISO 9001:2015 QMS Standard by Det Norske Veritas for Design, Development and Conducting Maritime Training Courses, Programmes, Examinations and Assessments.



Det Norske Veritas- Germanischer Lloyds (DNV-GL) world renowned Classification society bestowed the highest **Grade A1 (Outstanding)** to AMET continuously for SEVEN years after Comprehensive Inspection Programme (CIP) conducted under the authority of Directorate General of Shipping, Government of India.

## ACCREDITATION

Accreditation by approving agencies is a stamp of quality. AMET in pursuit of uncompromising quality in every endeavor has obtained accreditation from various agencies such as CRISIL, RINA (Royal Institute of Naval Architects), WMU (World Maritime University) Sweden.

Directorate General of Shipping, Govt. of India is conducting accreditation/grading process through Det Norske Veritas - Germanischer Lloyds (DNV-GL) for all the Institutions of Maritime Education in India. Det Norske Veritas - Germanischer Lloyds (DNV-GL) world renowned Classification society bestowed the highest Grade A1 (Outstanding) to AMET after Comprehensive Inspection Programme (CIP) conducted under the authority of Directorate General of Shipping, Government of India, Mumbai.

Royal Institution of Naval Architects (RINA) is a world renowned and highly respected international professional institution and learned society whose members are involved at all levels in the design, construction, maintenance and operation of all marine vessels and structures. RINA has members in over ninety countries, and is widely represented in industry, universities and colleges, and maritime organizations world-wide. The Naval Architecture program at AMET has the distinction of obtaining accreditation with the highest rating by RINA.

Credit Rating and Information Services India Limited (CRISIL) is a global analytical company providing ratings, research, and risk and policy advisory services. CRISIL has awarded the highest rating for the Maritime courses held by AMET. We also get the highest appreciation by CRISIL every year.

AMET's quality training and professionalism has been recognized in the form of Awards and Agreements like Sailor Today Training Award, Seatrade Asia Awards etc...

Collaboration with Various Global Maritime Institutions and Universities, strong and goal oriented industry institute-interface and increasing international student's enrollment lend an additional impetus and vibrancy to the already robust AMET. Recently AMET has signed a Memorandum of Understanding with World Maritime University, Sweden and Danish Maritime University etc.

The quality and standards of all programs conducted at AMET are certified on the basis of inspection carried out under ISO 9001:2015 by DNV.





## Chancellor Speaks

A Hearty welcome to AMET- India's First Maritime University. Internationally recognized and acclaimed by Marine, Oil, Ocean Engineering, Biotech and Logistic Industries. AMET is an intersection point of exuberant and energetic youngsters, and highly qualified and exceedingly trained faculties and engineers, who work for re-creating students' dream into reality.

Our graduate degrees are pinned with world-class learning, driven by cutting edge teaching and technology that hones the problem solving, critical thinking, teamwork, and communication skills. Undoubtedly, AMET is the best choice for career oriented course and our University focuses on preparing students for their careers through employability development activities and internships to ensure close alignment with the needs of industries. AMET is always determined in inculcating, and infusing high moral excellences, leadership qualities, ethics and morals to our students. AMET is dedicated to impart the best education and betterment of life to the diverse students' fraternity.

AMET has internationally collaborated with reputed Universities in UK & Belgium which help in bringing out the best in every student and make them Outstanding in the Shipping World.

Our motto is **Admission with Placement** wherein we bring out the future Captains and Engineers to the World. AMET University is very unique in offering different courses related to Maritime and Shipping and it makes the students get placed in Worldwide International Shipping companies at the time of admission itself through **UNIQUE CAMPUS PLACEMENT**. Giant Shipping Industries regularly visit our campus and recruit thousands of students who are highly talented and well-trained. They have been trained to navigate, troubleshoot, reverse engineer, to rig the Oil, design an Oil-well, and to construct a Reservoir in both land and Ocean

Students' competency has grown beyond boundaries in the twenty first century. World is rapidly moving towards digital path. To compete this, we design an advanced curriculum for students and train our students academically, and technically. Extra-curricular activities are given equal priority to maintain physical and mental fitness.

I cherish the sojourn of the top Shipping Companies of the world for their valuable feedback to upgrade our students' ability. Steering our students towards Quality Education, Decision-making, Empowerment, and Employability – is what AMET has been striving to do. I appreciate the choice of every aspiring student to join AMET as it has proven itself as a Springboard for SUCCESS. I welcome you to join us to bring in a change that is the Need of the Hour.

**BE THE CHANGE THAT YOU WISH TO BRING IN THE SHIPPING WORLD!**

Dr. J. Ramachandran





# Pro Chancellor Speaks



My Dear Students,

Everyone knows that the economic growth of any nation largely depends upon the amount of trade it transacts with fellow countries, thereby augmenting its foreign exchange reserves. Further in the present context, more than 80 percent of global trade has been carried out through navigation so suffice to say that there is a heavy demand for trained and qualified seafarers by various International Shipping Industries to operate their commercial fleet of vessels and also its allied Units. Though there are umpteen numbers of educational institutions exist in India, more particularly in Tamil Nadu in the discipline of Engineering, there are only a few reputed institutions that impart education and training in Maritime Education among which, I am much proud to say, AMET has been placed as the number one Institution.

On this score, I must offer my congratulations to you for the right option you have exercised in choosing maritime education to shape and decide as your future career. I am particularly happy that you have chosen AMET, as the right institution to fulfill your desire and aspiration of becoming a professional Mariner. In this context, I assure you that your dream will certainly become reality, once you leave the institution after the successful completion of your course and training here at AMET.

I assure you that AMET, with its dedicated team, qualified and practical oriented faculty members and also with its modernized infrastructure, will always put-forth all its efforts to make you the best trained and knowledgeable sea-farer, a full-fledged Mariner, capable of facing any challenge in the course of his future career. Above all, the University will always strive hard, to provide employment opportunities for all its talented and well trained cadets/students in the Shipping and other Allied Industries through its well established Placement Division.

I wish you all good luck and let your stay and study at AMET be fruitful and fulfilling one for all of us.

Dr. Rajesh Ramachandren

## Vice Chancellor's Message



The higher education scenario globally has witnessed a significant change in approach and remarkable growth. Higher education in India has readily adapted to the global demands and every institution has geared up to meet the global challenges by harnessing the latest technologies in the education front. The move towards interdisciplinary studies, research-based and interactive learning with technology integration has opened up several options as well as created multiple challenges. India is at a juncture where a huge population of young men and women are opting for higher education. In the wake of privatization of education on increase in India, the major focus is on creating an optimized and vibrant platform for quality in knowledge enhancement and bridging the gap between academia and industry with an objective to build up core competence in students integrating knowledge with skills on the foundation of ethics and values.

A strong believer and practitioner of the dictum “Knowledge is Power”, AMET University has been on the path of delivering quality education by developing the young human resources with ethical and moral values while boosting their leadership qualities, research culture and innovative skills. AMET University is committed to advancing academic excellence, expanding liberal and professional knowledge, creating a diverse and inclusive community. The main objective of the University is to provide higher education of global standards and hence, all the programs are designed to meet international standards. Highly experienced and qualified faculty members, continuously engaged in the maintenance and enhancement of student-centric learning environments through innovative pedagogy, form the backbone of the University.

All the programs offered by AMET University follow the Choice Based Credit System (CBCS) with Outcome-Based Approach. Our Credit Based Evaluation System and a well-developed Placement Cell assure the continuity of the learning process and employment security to our students. The flexibility in the curriculum has been designed with industry-specific goals in mind and the educator enjoys complete freedom to appropriate the syllabus by incorporating the latest knowledge and stimulating the creative minds of the students. Benchmarked with the course of studies of various institutions of repute, our curriculum is extremely contemporary and is a result of brainstorming efforts of great think-tanks: a large number of faculty members, experts from industries and research level organizations.

At AMET University, research, consultancy and innovation are regarded as our pillars of success. Most of the faculty members of the University are involved in research by attracting funded projects from various funding agencies. The outcome of the research is passed on to students through live projects from industries. The entrepreneurial zeal of the students is encouraged and nurtured.

AMET University has introduced structured training programs on soft-skills and preparatory training for competitive examinations are offered to make students more employable and towards 100% placement. The entrepreneurship development activities and establishment of “Technology Incubation Centers” in the University extend full support to the budding entrepreneurs to nurture their ideas with innovation and creativity and establish an enterprise for knowledge transfer and wealth creation.

I strongly believe AMET University is marching ahead in the right direction, providing holistic education to the future generation and playing a positive role in nation-building. We reiterate our endeavour to provide premium quality education accessible to all and an environment for the growth of over-all personality development leading to generating “Global Professionals”.

Col. Dr. G. Thiruvagam

# INTERNATIONAL BOARD OF ADVISORS



**Ms. Wiebe Schuett**  
Managing Director,  
Wallem Ships, Germany



**Capt. A.R. Sabnis**  
Managing Director  
Goodwood Ship Management Pte Ltd.,  
Singapore



**Capt. Rajesh Tandon**  
Managing Director,  
V Ships, India



**Capt. Abhijit Chattopadhyay**  
Managing Director (Retd.),  
Mitsui OSK Lines Maritime (Japan),  
India



**Capt. Saurabh Mahesh**  
Head –Sourcing & Global Cadet  
Administrator  
Maersk Lines (Denmark), Singapore



**Mr. Rajaish Bajpae**  
CEO (Retd.),  
Bernhard Schulte Ship Management,  
Hong Kong



**Capt. G Ramaswamy**  
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India



**Mr. Paulino Baiona**  
Marine Superintendent,  
Sonangol



**Capt. Navin Passey**  
Chairman  
Wallem Shipmanagement (Hong Kong),  
India



**Mr. Thomas Campbell**  
Manager –Fleet Training & Cadets  
Northern Marine Manning Services  
Scotland, UK



Annual meeting of International Board of Advisors held at Dubai



## Vision & Mission

### Vision

To sustain identity as a World Class Leader in Maritime Education and empower learners with wholesome knowledge through progressive innovation in training, research and development which will render students a unique learning experience and a transformation impact on the Global Society.

### Mission

AMET will strive continuously to

- Impart value-based higher education and technical knowledge with uncompromising strides of an outstanding quality.
- Emerge as a Centre of Excellence inculcating skill development in recent technologies in accordance with industrial trends.
- Create World class research capabilities on par with the finest in the world and broaden student's horizons beyond classroom education.
- Nurture talent and entrepreneurship to enable all round personality development among students.
- Empower students across socio economic strata.
- Make a positive difference to society through technical education.

### Quality Policy

AMET is committed to provide the highest quality in education and be the most preferred institution for pursuing marine and marine related courses.

This will be achieved by consistent focus on:

- Providing a conducive, vibrant, progressive and enriching learning atmosphere.
- Teaching Excellence and Research Output.
- Global outlook and engaging with the world through learning, teaching and research.
- Providing competitive advantage in gaining employment for further academic opportunities.
- Maintaining excellent links with commerce and industry both national and international.
- Complying with all applicable requirements and continually improving the effectiveness of Quality Management System.



# New Initiative



## A.P. MOLLER - MAERSK CENTRE OF EXCELLENCE (Cadet Training Programme)

at  
AMET UNIVERSITY

*Thenpattinam - Mugaiyur, East Coast Road, Kancheepuram District*



# GRADE A1 - OUTSTANDING

Accreditation by Directorate General of Shipping, Govt. of India

Certificate No. IRS/AMET/CIP/2019/015



## Indian Register of Shipping

52A, Adi Shankaracharya Marg, Powai, Mumbai 400 072.

Telephone : +91 - 22 - 3051 9400, Fax : +91 - 22 - 25703611 E-mail : ho@irclass.org

### CERTIFICATE OF INSPECTION

This is to state that **Academy of Maritime Education and Training**,  
Address: 135, East Coast Road, Kanathur, Chennai - 603112 is conducting the following  
approved Pre sea course/s:

1. **B.E. Marine Engineering**
2. **Bsc (Nautical Science)**
3. **Graduate Marine engineer (GME)**
4. **4 months Electro Technical Officer (ETO)**
5. **GP Rating**

The institute has been inspected as per the Comprehensive Inspection Programme Guidelines of the Director General of Shipping issued vide DGS Order 04 of 2016 dated 12.09.2016, and DGS order No.07 of 2016 dated 17.11.2016 and it is certified that :

- a) The Institute meets the training requirement criteria as required under the STCW Convention, as amended in 2010.
- b) The Institute complies/ ~~does not comply~~ effectively with all applicable Merchant Shipping Rules, and other associated orders, circulars and guidelines issued by the Directorate General of Shipping.
- c) The Institute implements and maintains a quality system, in accordance with the ISO or equivalent standards, as per the requirements of the STCW convention.
- d) The Institute has been assigned Grade **A1** for three years from date of issue of this certificate on the basis of Inspection as carried out on 30<sup>th</sup> October and 31<sup>st</sup> October 2019 subject to Annual Inspections/ Endorsements shown overleaf.

Courses	Percentage Credit Points (%)					Grade				
	1	2	3	4	5	1	2	3	4	5
GROUP A Infrastructure and Management (Section I, II, VI)	90.00	90.4	90.8	91.60	92.4	A1	A1	A1	A1	A1
GROUP B Quality of Education and Training (Section III, IV)	95.6	95.6	94.8	94	93.2	A1	A1	A1	A1	A1
GROUP C Placement for Shipboard Training (Section V)	85	85	86	95	94	A2	A2	A2	A1	A1
<b>Grading for each course</b>	<b>88.9</b>	<b>89</b>	<b>89.4</b>	<b>93.9</b>	<b>93.4</b>	<b>A2</b>	<b>A2</b>	<b>A2</b>	<b>A1</b>	<b>A1</b>
<b>Institute overall Grading</b>	<b>Total Accrued Credit points 45460 out of 50000 = 90.92% = Grade A1</b>									

Validity of the Certificate: 30<sup>th</sup> October 2022

This certificate is issued based on inspection date 31<sup>st</sup> October 2019.

**This Certificate is issued under authority of The Directorate General of Shipping, Govt. of India.**

Date of Issue: 31<sup>st</sup> October 2019

Place of Issue: Mumbai

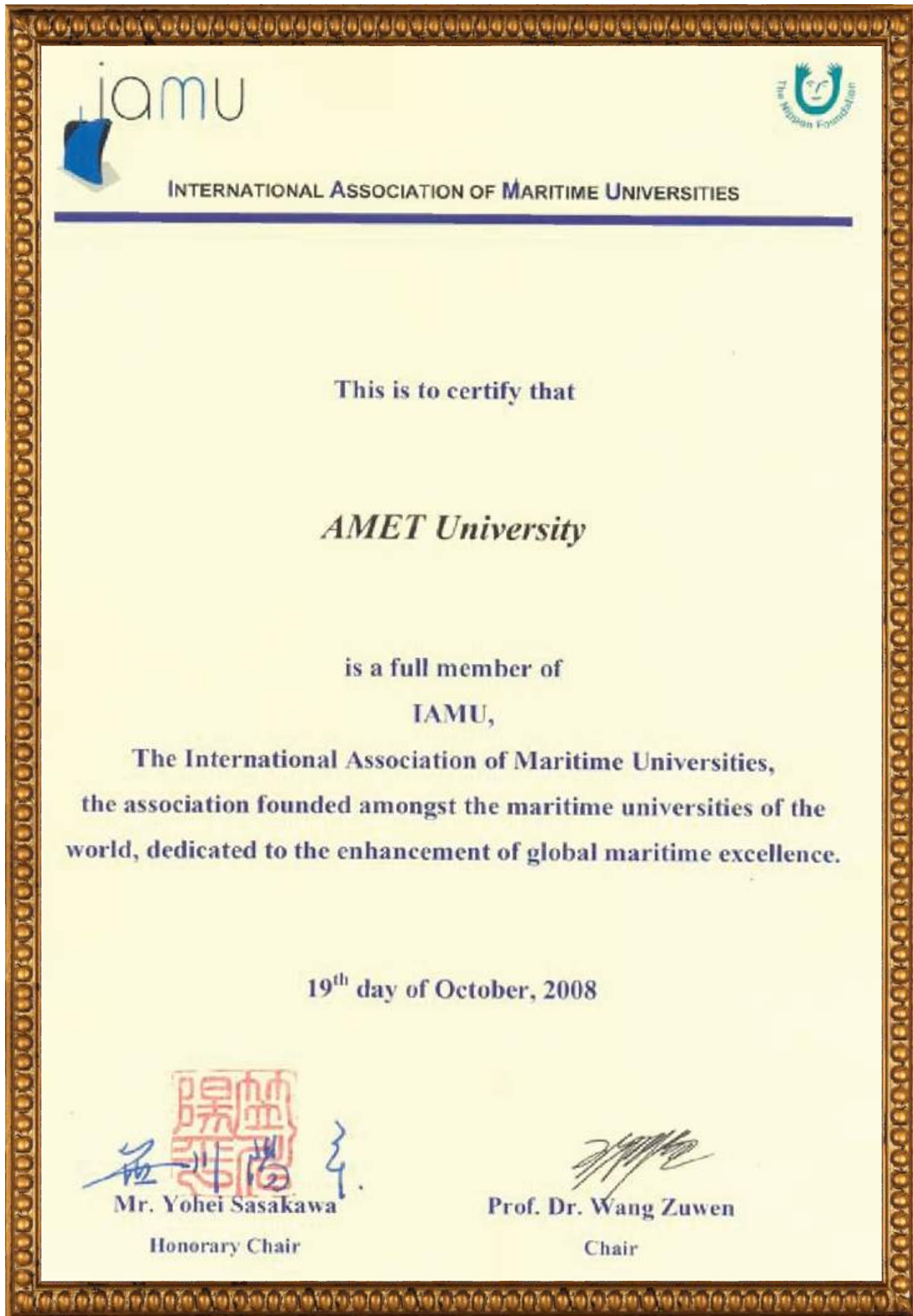
(SEAL)

Form No.IRS/CIP/COI- Rev.01 dated:08/01/2014

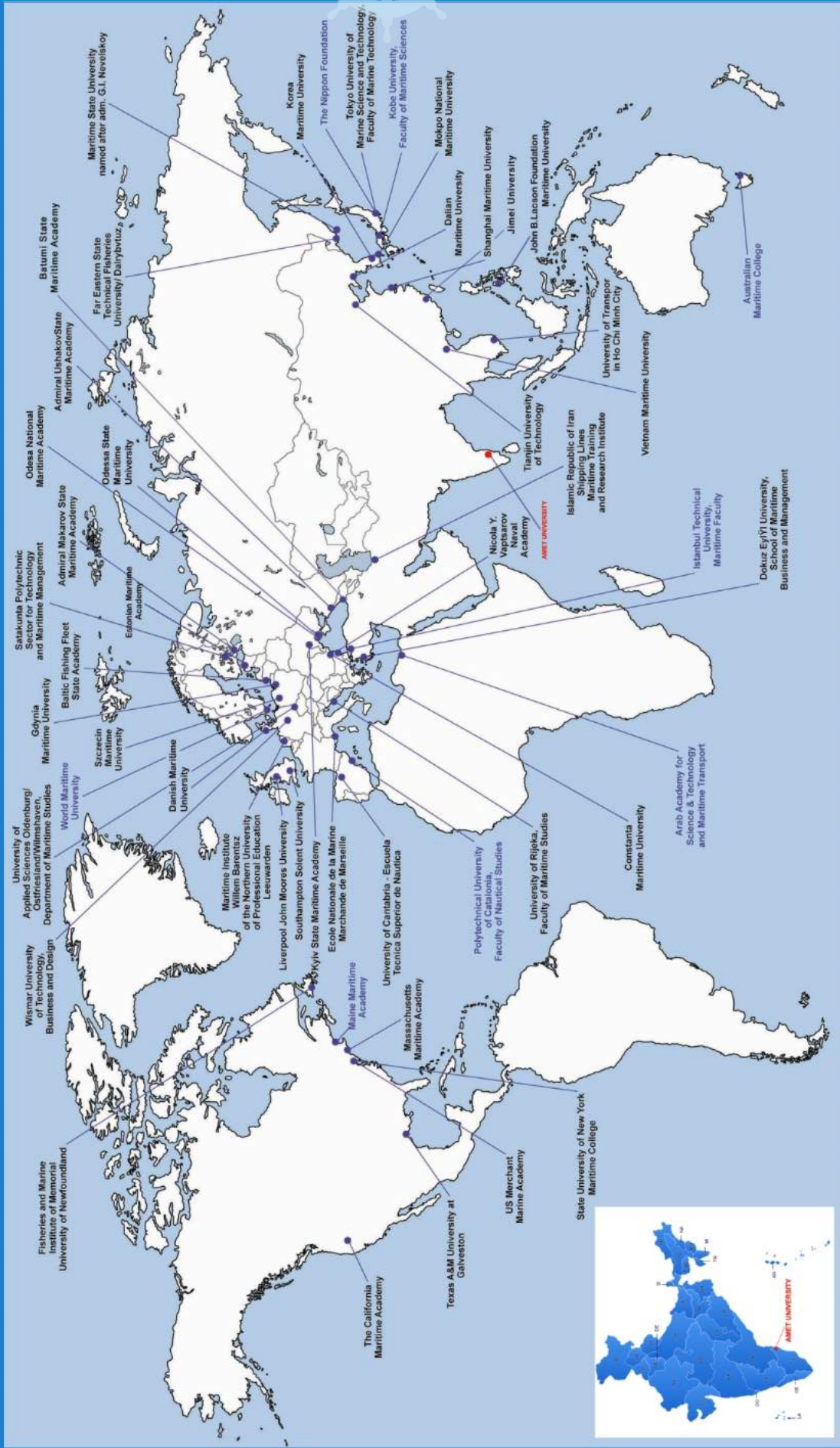
H.N. Tiwari  
Name & Signature of Assessor

Page 1 of 2

Very proud to be a member of the IAMU



# 67 Member Universities of International Association of Maritime Universities (IAMU)







# National and International Academic & Research Collaborations

- |    |  |    |  |
|----|--|----|--|
| 1  | Institute of Chartered Ship Brokers, London                        | 31 | World Maritime University, Sweden  |
| 2  | Singapore Maritime Academy, Singapore                              | 32 | Director General of Shipping, Mumbai   |
| 3  | A.P. Moller , Singapore  | 33 | Port of Djibouti   |
| 4  | Aerospace Aviation, Australia                                      | 34 | Sonatide Marine Ltd  |
| 5  | Northumbria University, UK   | 35 | Universal Peace Federation   |
| 6  | Sonangol & Stena   | 36 | Tejas Networks Limited, Bangalore, India   |
| 7  | Archomai Group, UK   | 37 | Council of Scientific and Industrial Research - CLRI, Chennai, India                     |
| 8  | Maritime and Coastguard Agency, UK                                 | 38 | Vision for Wisdom(an educational wing of World Community Service Centre), Chennai        |
| 9  | KEIO University, Japan   | 39 | Port of Chennai, Chennai   |
| 10 | Kongsberg, UK  | 40 | J.Ray McDermott Engineering Pvt. Ltd, Chennai  |
| 11 | University of Southern Denmark                                     | 41 | Scottish Association for Marine Science, University of the Highlands & Islands, Scotland |
| 12 | Hull College, UK   | 42 | CMA CGM Shared Service Centre (India) Pvt.Ltd, Chennai                                   |
| 13 | Danish Maritime University, Denmark                                | 43 | Chalmers University of Technology (Chalmers) Sweden                                      |
| 14 | Asia Maritime and Fisheries Forum , Korea                          | 44 | Pegasus Forwarding Services Pvt. Ltd., Chennai   |
| 15 | Yaba College of Technology, Nigeria                                | 45 | National Maritime Foundation, New Delhi  |
| 16 | University of Strathclyde, Glasgow, UK                             | 46 | University of Aberdeen, Scotland, UK   |
| 17 | Indian Coastguard, Chennai   | 47 | Shodhganga / Shodhgangotri, Gandhinagar  |
| 18 | York St. John University, UK                                       | 48 | American Digital University Inc., USA  |
| 19 | Plymouth Business School, UK                                       | 49 | Indian National Centre for Ocean Information Services - INCOIS                           |
| 20 | Novena University, Nigeria   | 50 | Centre for social innovation & Entrepreneurship, IIT Madras                              |
| 21 | African Maritime Academy, Nigeria                                  | 51 | University Court of the University of Aberdeen, UK                                       |
| 22 | HAIBAO, Maritime Management services (INDIA) Pvt. Ltd.             | 52 | The Board of Management of city of GLASGOW College, UK                                   |
| 23 | HOTA   | 53 | Confederation of Indian Industry, Chennai  |
| 24 | Ghent University, Belgium  |    |  |
| 25 | Mombassa Polytechnic University, Kenya                             |    |  |
| 26 | South Tyneside College, UK   |    |  |
| 27 | Armats Biotech Pvt. Ltd, Chennai                                   |    |  |
| 28 | Jayagen Biologics, Chennai   |    |  |
| 29 | India Konnekt  |    |  |
| 30 | Ship Building Institute of Polytechnic Surabaya (SHIPS), Indonesia |    |  |



- |    |  |     |   |
|----|--|-----|---|
| 54 | EBEK Language Laboratories Pvt. Ltd.,<br>Tiruchirappalli                           | 81  | National Institute of Technical Teachers<br>Training and Research, Chennai  |
| 55 | National Maritime Foundation, New Delhi  | 82  | Vi Microsystems Private Limited, Chennai                                    |
| 56 | Chandradeep Solar Research Institute (CDSRI),<br>Kolkata                           | 83  | EURO EXIM BANK, West Indies   |
| 57 | Perunthalaivar Kamarajar Institute of Maritime<br>Science and Engineering (PKIMSE) | 84  | Indian Maritime University, Chennai   |
| 58 | KKM Soft P Ltd., Chennai   | 85  | Ravago HR Solutions Pvt Ltd (Brand- Scale<br>Up), Chennai                   |
| 59 | ScoreGetter Test Preparation Pvt. Ltd., Chennai                                    | 86  | Sharda Motor Industries Ltd., Chennai                                       |
| 60 | Tennex Consulting Pvt. Ltd., Chennai   | 87  | Tamil Nadu Physical Education and Sports<br>University, Chennai             |
| 61 | Sify Technologies Limited  | 88  | Noorul Islam Centre for Higher Education,<br>Kumaracoil                     |
| 62 | Pwani University, Kenya  | 89  | AMG Academy Pvt Ltd., and Petroleum<br>Engg., Chennai                       |
| 63 | CADD Centre Training Services Pvt. Ltd., Chennai                                   | 90  | Myanmar Maritime University, Myanmar  |
| 64 | NTC Logistics India Private Limited, Chennai                                       | 91  | APEX Biotechnology Training and Research<br>Institute                       |
| 65 | The Indian Spectro Physics Association (ISPA),<br>Chennai                          | 92  | ICAR-CIBA   |
| 66 | Fusion Specialized Shipping & Logistics LLC, Dubai                                 | 93  | Tamil Nadu Dr.J.Jayalalitha Fisheries<br>University                         |
| 67 | Ocean Masters Marine Services LLC, Chennai   | 94  | IRCLASS-SEA ASIA  |
| 68 | Electronics Platform Research Labs (EPRLABs)                                       | 95  | National Institute for Empowerment of<br>Persons with Multiple Disabilities |
| 69 | CDCE School Of Automation and Robotics, Chennai                                    | 96  | Scientific Food Testing Services Pvt.Ltd.                                   |
| 70 | International College of Law, Business<br>Administration & Tech. (ICLBAT), UAE     | 97  | American University of Sharjah, United Arab<br>Emirates                     |
| 71 | Cambridge Maritime College-CMC,Bangladesh  | 98  | TVS Training and Services Ltd., Chennai                                     |
| 72 | Indian Institute of Materials Management, Chennai                                  | 99  | Signals Systems (India) Pvt. Ltd., Chennai                                  |
| 73 | AVEVA, Bangalore   | 100 | Kaushalya Aqua Mariner Products Exports<br>Pvt. Ltd., Chennai               |
| 74 | Yokogawa India Limited (YIL)   |     |   |
| 75 | National Small Industries Corporation-Technical<br>Services Ltd.                   |     |   |
| 76 | SCALE UP - Skill Development Centre, Chennai                                       |     |   |
| 77 | Tech Mahindra, Chennai   |     |   |
| 78 | Chettinad Hospital & Research Institute  |     |   |
| 79 | Future Corridor, Port Blair  |     |   |
| 80 | CDSL Ventures Ltd., Mumbai   |     |   |





## Department of Nautical Science

The School of Marine Studies, instrumental in imparting navigation skills to its cadets, brings under its fold the following Departments.

- Department of Nautical Science
- Department of Marine Engineering

### Department of Nautical Science

#### Programme Offered

##### Under Graduate Programme

- B.Sc. Nautical Science  
(with Minor Degree in Artificial Intelligence)

#### B.Sc. Nautical Science (3 Years) (with Minor Degree in Artificial Intelligence)

Approved by the Directorate General of Shipping, Government of India. Leading to "Second Mate's (Foreign - Going) Certificate of Competency" awarded by the D.G. Shipping, Ministry of Shipping, Government of India after twelve months of Sea Service. This enables the cadets to become Navigating Officers on board Merchant Navy Ships worldwide and progressively grow to the rank of captain.

**Duration :** 3 years (6 semesters fully residential course.)

**Entry :** Age : Not more than 25 years at the time of commencement of the course.

**Eligibility** (as per MS Notice No.24 of 2002)

A pass in Plus-two (12th Standard) or its equivalent, with minimum 60% aggregate in Maths, Physics and Chemistry group and at least 50% marks in English. Passport is mandatory.

**Mode of Selection :** Admission Test, Interview and Fitness

**Medical Standard :** Candidates should be physically & mentally fit for sea service under standard norms, should not be colour-blind, with 6/6 for each eye separately. Candidates wearing spectacles are not eligible.

**Sanctioned Strength :** 360

**Boys and Girls are eligible to apply.**

#### COMPANIES THAT VISITED AND RECRUITED STUDENTS

- A.P.Moller Singapore Pte Ltd, Singapore
- Chevron Asia Pacific Shipping Pte Ltd
- Penta Crystal Ship Management
- SeaTeam Ship Management Pte Ltd
- Pacific Manning Agency (PIL)
- Apeejay Surrendra Management Services Private Limited
- Dockendale Ship Management (India) Pvt. Ltd.
- MMS Maritime (I) Pvt Ltd.,
- Herald Maritime Services Pvt Ltd
- Aban Offshore Limited
- Omega Ship Management Pvt. Ltd.,
- Norstar Ship Management Pte. Ltd.
- Wallem Ship Management (India) Pvt. Ltd
- Arka Global Marine Services LLC
- Goodwood Marine Services Pvt. Ltd.
- NYK Ship Management Pte Ltd
- Fleet Management Ltd
- OSM Group
- Chellaram Shipping Private Limited
- BW Maritime Pte. Ltd
- Mitsui OSK Lines Maritime (India) Pvt. Ltd
- MSI Shipping Services India Pvt. Ltd
- Synergy Group
- New Shipping Kaisha Ltd, Chennai







## Department of Marine Engineering

### Department of Marine Engineering

#### Programmes Offered

##### Under Graduate Programme

- B.E. Marine Engineering (4 years)  
(with Minor Degree in Artificial Intelligence)

##### Certificate Programmes

- Graduate Marine Engineering (GME)(1 year)
- Electro Technical Officer (ETO)(17 weeks)

### B.E. Marine Engineering (4 Years) (with Minor Degree in Artificial Intelligence)

This Course is approved by the Directorate General of Shipping Government of India. After successfully completing the degree and TAR Book competency examinations held at AMET, the candidate will be eligible to obtain exemption for **PART A Examination of MEO Class IV Certificate of Competency** issued by the Directorate General of Shipping, Government of India.

**Course Duration :** 4 years of 8 semester residential course.

#### Eligibility Criteria

**Qualification:** Pass in (10+2) or equivalent examination with Physics, Chemistry, Mathematics as separate subjects with a PCM average of not less than 60% and 50% in English.

Passport is mandatory.

**NOTE:** Part Time or Distance Learning or Correspondence Course or any combination of these will not be considered .

**Age:** Below 25 years at the time of commencement of the course.

**Mode of Selection:** Entrance Exam, Interview and Medical Fitness

**Medical Standard:** Candidates should be physically fit for sea service under standard norms with eyesight up to 6/12 in both eyes or 6/9 in better eye 6/18 in other eye and with no color blindness.

**Sanctioned Strength :** 360

**Boys and Girls are eligible to apply**

**Lateral Entry :** Candidates can join 2<sup>nd</sup> year of 4 year Marine Engineering Degree Course who have passed 1<sup>st</sup> year from the Engineering College in other streams like Mechanical or Electrical approved by AICTE with minimum 60% average marks.

Candidates can join 2<sup>nd</sup> year of 4 year Marine Engineering Degree Course who have passed 3 years Diploma Course in Mechanical / Marine / Electrical / Electrical and Electronics, from the colleges approved by AICTE or State Board of Technical Education with minimum 55% of aggregate marks in the last year of Diploma Course.

Electrical Engineering Stream : Electrical Power System;

Electrical and Electronics Engineering Stream : Digital Electronics / Electronics and Communications / Electronics & Telecommunication / Industrial electronics / Electronics / Electronics Production & Maintenance / Instrumentation / Instrumentation & Control

Mechanical Engineering Stream : Automobile / Machine Tools and Maintenance / Plant Engineering / Production Technology / Production Engineering /Advanced Diploma in Tool and Die Making

**[Note: The candidates in this category are not eligible for exemption in the examination of Applied Mechanics and Heat Engine subject of Part 'A' MEO Class IV and Class II of Certificate of Competency Examinations.]**

And

The candidates should have obtained with minimum of 50% marks in English language at 10<sup>th</sup> or 12<sup>th</sup> Std or in the Degree / Diploma course conducted by recognized Board of University.





## Department of Marine Engineering

### LIST OF COMPANIES WHICH RECRUITED OUR B.E. (Marine Engineering) and GME CADETS

- A.P.Moller Singapore Pte Ltd, Singapore
- Chevron Asia Pacific Shipping Pte Ltd
- MSC Crewing Services Pvt Ltd
- Arka Global Marine Services LLC
- SeaTeam Ship Management Pte Ltd
- Pacific Manning Agency (PIL)
- Mohan Mutha Group of Companies
- Apeejay Surrendra Management Services Private Limited
- Goodwood Marine Services Pvt. Ltd.
- Dockendale Ship Management (India) Pvt. Ltd.
- MMS Maritime (I) Pvt Ltd.,
- Herald maritime services pvt ltd
- Landbridge Ship Management (HK) Limited
- Sembcorp Marine Ltd
- Aban Offshore Limited
- Omega Ship Management Pvt. Ltd.,
- Wallem Ship Management (India) Pvt. Ltd
- BW Maritime Pte. Ltd
- Synergy Group
- Bernhard Schulte Shipmanagement (India) Pvt. Ltd
- M.T.M. Ship Management (India) Pvt. Ltd.
- Arka Global Marine Services LLC

### Graduate Marine Engineering (GME) (1 Year)

This is a one year conversion course for Mechanical Engineering/Naval Architecture graduates to become Marine Engineers and is approved by Directorate General of Shipping, Ministry of Shipping, Govt. of India. After successfully completing the TAR Book competency examinations held at AMET, the candidate will be eligible to obtain exemption for **PART A Examination of MEO Class IV Certificate of Competency** issued by the Directorate General of Shipping, Government of India.

**Duration :** 1 Year (52 weeks) – Residential Course

**Entry Requirements :** Age: Not more than 28 years at the time of commencement of the course. Passport is mandatory.

**Mode of Selection :** Entrance Exam, Personal Interview and Fitness

**Medical Standard:** Candidate should be physically fit for sea service under DGS standard norms, with eyesight up to 6/12 in both eyes or 6/9 in better eye, 6/18 in other eye and with no colour blindness

#### Eligibility

- (i) Category (a) – A full time BE / B.Tech in all Mechanical Engineering Streams e.g. Mechanical and Automation, Mechanical and Electronics, Mechanical and Automobile etc. However, the word "Mechanical" should be first indicating that mechanical engineering is the core and the second subject is the elective. **(OR)**
- (ii) Category (b) – All Naval Architecture streams e.g. Naval Architecture and Ocean Engineering, Naval Architecture and Ship building, etc. However, the word "Naval Architecture" should be first indicating that Naval Architecture is the core and second subject is the elective. **(OR)**
- (iii) Category (c)- BE/B.Tech in Marine Engineering **(OR)**
- (iv) Category (d) – BE/B.Tech in Mechanical Engineering

The above BE/ B.Tech degree or any other higher degree such as 5 year integrated M.E. / M.Tech degree must have been obtained from AICTE approved institute or the IITs' or from University Engineering Colleges (Colleges directly run by University). However, candidates from the combination streams i.e. Category (a) and (b) will have to pass Part 'A' subject of both MEO Class –IV and MEO Class – II grade of Examinations. These candidates may be considered for exemption from appearing in subject of Mathematics and Applied Mechanics. Candidates from Category (c) and (d) are exempted from appearing in all subjects of Part 'A' off both MEO Class – IV and MEO Class – II grade of examinations.

**Sanctioned Strength :** 160





## Department of Marine Engineering

### Electro Technical Officer (ETO) Course (17 Weeks)

This course (as per STCW 2010 amendments) seeks to impart skill based training about the Electrical System on board ships. Successful candidates will be given DGS approved Course Completion Certificate, INDoS and Indian CDC.

**Course duration:** 17 Weeks Residential

#### Eligibility:

- i) Passed 10+2 with Physics, Chemistry, Mathematics and English as separate subjects with minimum 50 % marks in English Language at 10<sup>th</sup> of 12<sup>th</sup> standard exam.
- ii) Passed three years' Diploma with 60% marks or four year's Degree including lateral entry, with 50% marks in Electrical Engineering, Electronics Engineering, Electrical and Electronics Engineering, Electronics and Telecommunication / Communication Engineering, or Electronics and Instrumentation or equivalent.
- iii) The diploma /degree courses must have been recognized by any State or Central Government or the AICTE.
- iv) Passport is mandatory.

**Mode of Selection:** Entrance Exam, Personal Interview and Fitness

**Age & Medical fitness:** Not more than 35 years on date of commencement of training and medically fit including eye sight and hearing as prescribed in the Merchant Shipping (Medical Examination) Rules, 2000 as amended.

**Sanctioned Strength :** 80

### COMPANIES RECRUITED OUR ETO CADETS

- A.P.Moller Singapore Pte Ltd, Singapore
- SeaTeam Ship Management Pte Ltd
- Goodwood Marine Services Pvt. Ltd.
- Pacific Manning Agency (PIL)
- Navig8 Limited
- MSC Crewing Services Pvt Ltd
- OSM Group
- d'Amico Ship Ishima India Private Limited
- Executive Ship Management Private Limited
- XT Ship Management India Private Limited
- Essar Shipping Limited
- Qatar Shipping Company (India)Pvt. Ltd., Mumbai
- Synergy Group
- The Shipping Corporation of India Ltd., Mumbai
- MSI Ship Management Pte Ltd
- Omega Ship Management Pvt. Ltd.,





## UNIQUE SHIP-IN-CAMPUS OPERATES IN WATER





## Department of Mechanical Engineering

### Department of Mechanical Engineering

#### Programmes Offered

##### Under Graduate Programme

- B.E. Mechanical Engineering (4 years)  
with Minor Degree in Industrial Internet of Things (IIoT)

##### Post Graduate Programme

- M.E. Thermal and Fluid Engineering (2 years)

#### B.E - Mechanical Engineering with Minor Degree in Industrial Internet of Things (IIoT)

AMET Mechanical engineering programme is especially made for those who are all dreaming about to become a Marine engineer. Because the curriculum is designed with the inclusion of Marine and Naval Architecture subjects which creates an opportunity to take up one year course called Graduate Marine Engineering (GME) and enters into the merchant navy.

##### Eligibility:

A Pass in Plus-two (12<sup>th</sup> Standard) or its equivalent, with minimum 50% marks for OC and 45% for others aggregate in Maths, Physics and Chemistry group from any recognized board. Minimum 50% marks in the English either in +2 or 10<sup>th</sup>, Boys and Girls are eligible to apply.

##### Lateral Entry Eligibility:

A Pass in DME / DAE / DPE / DNAOE / B.Sc. (Mathematics / Physics / Chemistry) with a minimum of 50% marks. Both Boys and Girls are eligible to apply.

##### Mode of selection:

Entrance exam and Personal interview

Sanctioned Strength : 120

#### M.E - Thermal and Fluid Engineering (Full time: 2 years - 4 Semesters)

The course is suitable for engineering graduates and professionals who not only wish to enhance their expertise in thermo fluids but also to develop their competence in the use of state-of-the-art analytical, computational and experimental methods; advanced methods which are specifically designed for the analysis of heat and fluid flow in both industrial and research applications.

The objectives of this course are to produce postgraduate specialists with:

- Advanced understanding of heat and fluid flow processes and their role in modern methods of power generation.
- In-depth understanding of numerical and experimental techniques in heat and fluid flow.

**Eligibility:** A Graduate who have passed in B.E./B.Tech in Mechanical Engineering / Automobile Engineering / Chemical Engineering / Aerospace Engineering / Marine Engineering are eligible to apply.

**Mode of selection:** Entrance exam and personal interview

##### JOB OPPORTUNITIES

The successful post graduates in Thermal and Fluid engineering would get placed not only in leading marine engineering manufacturing companies but also in any other IC engineering manufacturing companies around the globe. They would also be able to work as IC engine designers in various automotive industries and carry out research projects in renowned IC engines research laboratories.

Sanctioned Strength : 18



## Department of Mining Engineering

### Programmes Offered

#### Under Graduate Programme

- B.E. Mining Engineering (4 years)  
with Minor Degree in Data Science for Natural Resources

### B.E. Mining Engineering

with Minor Degree in Data Science for Natural Resources

**Duration :** 4 Years (8 Semesters)

**Eligibility :** 12<sup>th</sup> Pass with minimum 50% in Mathematics, Physics and Chemistry and 50% English (10<sup>th</sup> or 12<sup>th</sup>)

**Mode of Selection:** Entrance Exam and Personal Interview

**Sanctioned Strength :** 60

#### Specialization in :

- Modern Mining curriculum
- Industry oriented syllabus
- Industrial internship
- ICT enabled teaching
- Faculties with Industrial Experience
- Multiple Industrial Internship with Large Mines - Hutti Gold Mines, Jindal Steel Works and Neyveli Lignite Corporation (NLC)

#### Employment Opportunities :

- Large Corporate Multinationals like Tata Steel, Jindal, Essar Steel, Essel and Vedanta Mining
- Other Coporates India Cements, Ramco Cements, Adhunik and Visa Steel etc.
- Public sectors, Coal India Ltd., Neyveli Lignite Corporation, Eastern Coal Fields, Hindustan Copper Ltd., etc.
- Government organizations, Department of Mines State and Central Govt. of India, Indian Bureau of Mines, FEMI etc.
- Research Institutions PRL, DTRL, DRDO etc.
- International Corporates, BHP Billiton, Anglo American, Vedanta Corp., Ecostar International etc.



## Department of Naval Architecture and Offshore Engineering

### Department of Naval Architecture and Offshore Engineering

#### Programmes Offered

##### Under Graduate Programme

- B.E. Naval Architecture and Offshore Engineering (4 years)  
with Minor Degree in Logistics Management

##### Post Graduate Programme

- M.E. Naval Architecture and Offshore Engineering (2 years)

Shipbuilding Technology / Diploma Mechanical / Civil Engineering students are eligible to be admitted in second year of the study.  
(ii) B.Sc. Mathematics / Physics graduates are eligible to be admitted in second year of the study.

**Mode of Selection :** Entrance exam and Personal Interview

**Sanctioned Strength :** 60

**Boys and Girls are eligible to apply**

\*Lateral Entry subject to availability (The above eligibility criteria applicable for other BE courses)

### B.E. Naval Architecture and Offshore Engineering with Minor Degree in Logistics Management

**Duration :** 4 years- All 4 years at AMET, Chennai.

(or)

4 years- Year I & II at AMET, Chennai.

Year III & IV at University of Strathclyde, Glasgow, U.K.  
Degree awarded by University of Strathclyde, U.K.

**Eligibility :** A pass in plus-two (12th standard) or its equivalent, with minimum 50% Marks for OC and 45% for others aggregate in Maths, Physics and Chemistry Group from any recognized Board.

#### Lateral Entry :

- (i) Diploma in Naval Architecture and Offshore Engineering / Diploma in

### M.E. Naval Architecture and Offshore Engg.

**Duration :** 2 Years

**Eligibility :** Under Graduate Degree in Naval Architecture, Ship Building, Petroleum, Marine Engineering, Mechanical, Civil, Aeronautical, Production & Industrial Engineering.

**Mode of Selection :** Entrance exam and Personal Interview

**Sanctioned Strength :** 18

**Boys and Girls are eligible to apply**

#### PLACEMENT OF STUDENTS IN VARIOUS OFFSHORE COMPANIES/ SHIPYARDS

- |  |   |                            |
|--|---|----------------------------|
| • Vik-Sandvik Design India Pvt.Ltd.        | • Ambition Marine Services Pvt Ltd      | • Marcura                  |
| • Albion Engineering India Private Limited | • Ultra Marine                          | • Sembcorp Marine Ltd      |
| • Patel Microdata (P) Ltd                  | • Optio Marine                          | • ACT Infraport Ltd.,      |
| • Reliance Naval Engineering Ltd           | • Grandeur Marine International         | • Godrej and Boyce, Mumbai |
| • TERRAN Engineering Solutions PVT. LTD.   | • IShip Design LLP Integrated Solutions |                            |

\*Many of our students are Pursuing/Completed their higher studies in India and Abroad.



## Department of Petroleum Engineering

### Programmes Offered

#### Under Graduate Programme

- B.E. Petroleum Engineering (4 years)  
with Minor Degree in Artificial Intelligence

#### Post Graduate Programme

- M.E. Petroleum Engineering (2 years)

### B.E. Petroleum Engineering

with Minor Degree in Artificial Intelligence

**Duration : 4 Years (8 Semesters)**

**Eligibility Criteria:** A Pass in Plus 2 (12<sup>th</sup> Standard) or its equivalent with a minimum of 50% marks for OC and 45% marks for others each in Mathematics, Physics and Chemistry and 50% marks in English from any recognized Board. An aptitude for field work is necessary.

**Lateral Entry Eligibility:\*** B.Sc. Degree in Geology or Diploma Mechanical or Chemical Engineering with 60% Marks. Good Communication and Writing skills in English and basic knowledge of Computer Science are essential.

**Mode of Selection :** Entrance Exam and Personal Interview

**Sanctioned Strength : 60**

**Boys and Girls are eligible to apply**

**\*Lateral Entry subject to availability**

### M.E. Petroleum Engineering

This Programme leads to a Post Graduate Degree in one of the most fascinating and greenfield sector in the industrial arena. The Course is concerned with the subsurface activities relation to Hydrocarbon Exploration, Exploitation, Refining, Transportation and Marketing.

**Duration :** 2 Years (4 Semesters)

**Eligibility :** B.E. Degree in Petroleum Engineering, Mechanical Engineering, Chemical Engineering, M.Sc. Geology, M.Sc. Geophysics.

**Mode of Selection :** Entrance Exam and Personal Interview

**Sanctioned Strength : 18**

#### EMPLOYED IN COMPANIES LIKE

- Shell Business Operations, Chennai
- ACT Infraport Ltd.,
- Goodrich Gasket Private Limited
- TechMahindra Limited
- Marcura
- IMC Limited
- McDermott International
- Sterling Oil Exploration & Energy Co. Limited



## Department of Electrical and Electronics Engineering

### Department of Electrical and Electronics Engineering

#### Programmes Offered

##### Under Graduate Programme

- B.E. Electrical and Electronics Engineering - Marine (4 years)  
with Minor Degree in Industry 4.0 Applications

##### Post Graduate Programme

- M.E. Power Systems (2 years)

##### Certificate Programme

- Certificate Programme in Fisheries Engineering (6 Months) (an innovative programme)

### B.E. Electrical and Electronics Engineering - Marine with Minor Degree in Industry 4.0 Applications

**Duration :** 4 Years

**Eligibility :** 12<sup>th</sup> Pass with minimum 50% in Mathematics, Physics and Chemistry and 50% English (10<sup>th</sup> or 12<sup>th</sup>)

**Mode of Selection:** Entrance Exam and Personal Interview

#### JOB OPPORTUNITIES

Onboard Ships, Ship yards, Ship Manufacturing industries, Marine Machinery Industries, Energy and Power Consulting Roles, Power Distribution and Transmission Companies, Engineering Procurement Construction Companies, Power and utilities Industries, Oil and Gas Industries, Renewable Energy Industries and Offshore Energy Industries etc.

**Sanctioned Strength :** 60

### M.E. Power Systems

**Duration:** 2 Years

**Eligibility :** BE degree in Electrical and Electronics Engineering, Electronics and Communication Engineering, Electronics and Instrumentation Engineering, Instrumentation and Control

Engineering, Electrical and Electronics Engineering, Marine Engineering, Naval Architecture and Offshore Engineering, Ocean Engineering, Petroleum Engineering, Harbour Engineering.

**Mode of Selection:** Entrance Exam and Personal Interview

**Sanctioned Strength :** 18

### Certificate Programme in Fisheries Engineering

**Duration :** 6 Months

**Eligibility for Admission :** Pass in 10<sup>th</sup> Standard / 12<sup>th</sup> Standard / Degree / Diploma

#### Scope of the Programme:

- Evolving and improving fish processing techniques and machinery to preserve quality and to avoid wastage of fish
- Design of fishing crafts, fishing gears and fish traps for improving fishing operations
- Application of electronic gadgets in navigation, sea safety and fishing
- Training on Communication Equipment
- Coastal engineering management
- Understanding Internet based weather forecast and storm for safety in fishing
- Repairing of machinery for fishing
- Safety measures in Fishing and Effective marketing strategy

**Sanctioned Strength :** 20

#### COMPANIES RECRUITED OUR STUDENTS

- |                              |                            |
|------------------------------|----------------------------|
| • ZIM Lines                  | • Dohle Danautic Shipping  |
| • XT shipping                | • American President Lines |
| • VR Maritime                | • Wallem Ship Management   |
| • Ishima                     | • United Arab Shipping     |
| • A.P MOLLER                 | • Tank Pacific             |
| • Anglo-Eastern Shipping     | • American Eagle Tankers   |
| • Zoziac Ship Management     | • Radio Holland            |
| • Sembcorp Marine, Singapore |                            |





## Department of Information Technology

### Department of Information Technology

#### Programmes Offered

##### Under Graduate Programmes

- B.Sc. Data Science (3 years)  
with Minor Degree in Blockchain Technology
- B.Sc. Artificial Intelligence and Machine Learning  
(3 years) with Minor Degree in Industry 4.0 Applications

### B.Sc. Data Science

with Minor Degree in Blockchain Technology

#### Features

Data Science is an interdisciplinary field that combines the magic of programming, mathematics and business. Combined with Machine Learning, it helps to identify a future trend which can be used to derive actionable insights for creating future impact. Students will be encouraged to share the acquired knowledge from the quantitative analysis to programming concept and to further extend to business intelligence. Data science can add value to any business which can use the data well. The programme focuses on topics such as reproducible data analysis, collaborative problem solving, visualization and communication, and security and ethical issues that arise in data science.

**Duration :** 3 Years

**Eligibility :** 10 + 2 (Higher Secondary) with Mathematics mandatory or Computer Science with Mathematics. (Minimum Aggregate of 50%)

**Mode of Selection :** Personal Interview

**Sanctioned Strength :** 60

### B.Sc. Artificial Intelligence and Machine Learning

with Minor Degree in Industry 4.0 Applications

#### Features

Artificial Intelligence and Machine Learning is a core field that is rapidly growing in the fast-changing world and powering for great industrial revolution. Artificial Intelligence (AI) and Machine Learning (ML) form a powerful combination for automating tasks inside and outside of the factory setting. In recent years, AI has become an increasingly common presence in robotic solutions, introducing flexibility and learning capabilities in previously rigid applications. Nowadays, there is a huge demand of AI and robotics in different sectors including Manufacturing, Health care, Automobile, E Commerce, Education and other emerging sectors.

**Duration :** 3 Years

**Eligibility :** 10 + 2 (Higher Secondary) with Mathematics mandatory or Computer Science with Mathematics. (Minimum Aggregate of 50%)

**Mode of Selection :** Personal Interview

**Sanctioned Strength :** 60



## UG and PG Programmes

### Programmes Offered

#### Under Graduate Programme

- B.B.A. Shipping (3 years) with Minor Degree in Data Science

#### Post Graduate Programme

- M.B.A. Shipping and Logistics Management (2 years) with Minor Degree in Artificial Intelligence

### B.B.A. Shipping with Minor Degree in Data Science

**Duration :** 3 years / 6 semesters

**Eligibility :** Pass in Higher Secondary with 50% marks.

**Mode of Selection :** AMET Entrance Exam and Personal Interview

#### Job Opportunities

Executive position in:

- Shipping companies
- Logistics companies
- International Freight forwarding companies and Ports

**Sanctioned Strength :** 120

**Commencement of the classes:** End July / Early August

**Both Boys and Girls are eligible to apply**

BBA (HONS)- Shipping (3 Years) Degree will be provided for the students who secure 75% and above in 3<sup>rd</sup>Year

### M.B.A. Shipping and Logistics Management

with Minor Degree in Artificial Intelligence

**Duration :** 2 years

#### Eligibility:

1. Any degree from a recognized University with 50% marks.  
(OR)

2. Mariners holding the following professional qualification obtained after a minimum duration of study-cum-training of 6 years after 10+2 leading to:

- a) Master Foreign Going Certificate of Competency. (OR)
- b) First Class Motor or Steam or Combined (Chief Engineer) Certificate of Competency issued by the Directorate General of Shipping, Ministry of Shipping, Government of India or its counterparts in other countries.

**Mode of Selection:** CAT / MAT / TANCET scores will be accepted. If a candidate has not taken any of the above tests, he/she will be asked to appear for a test conducted by AMET.

**Group Discussion / Personal Interview :** Group Discussion / Personal Interview will be held in the following locations: Chennai / Bangalore / Hyderabad / Mumbai / New Delhi / Calcutta / Ranchi

**Commencement of the classes :** End July / Early August

**Sanctioned Strength :** 120

### LIST OF COMPANIES WHICH RECRUITED MBA STUDENTS

- |                                  |                                 |  |
|----------------------------------|---------------------------------|--|
| • DA Desk, Dubai                 | • Future Shipping, Dubai        | • Evergreen, Chennai                       |
| • Ocean Masters Marine, Malaysia | • CMA-CGM, Chennai              | • Freightcan Global Logistics, Chennai     |
| • PSA, Singapore                 | • Leap Logistics, Chennai       | • Progress Ocean Charterers, Chennai       |
| • INDEV Logistics, Qatar         | • Kuehne+Nagel                  | • Bharat Logistics, Chennai,               |
| • Johnson & Johnson, Dubai       | • Siva Shipping, Mumbai         | • ZN Logistics, Chennai                    |
| • Jebel Ali Free Zone, UAE       | • APL, Chennai                  | • DHL, Chennai                             |
| • Elite Freight Services, Dubai  | • TVS Logistics, Chennai        | • Sky Blue Freight Forwarders, Chennai and |
| • Penthouse Shipping, Dubai      | • Vedanta Group, Goa            | • Other Ports & Shipping Companies         |
| • Port of Jebel Ali, Jebel Ali   | • World Wide Logistics, Chennai |  |
| • Libra Shipping, Dubai          | • MR Logistics, Chennai         |  |





Photo Courtesy : Maersk Rijeka

## Department of Commerce

### Department of Commerce

#### Under Graduate Programme

- B.Com. (General)(3 years)  
with Minor Degree in Digital Marketing
- B.Com. (Honours) Computer Applications  
with Minor Degree in Big Data Analytics
- B.Voc. (BFSI) Banking Finance Services and Insurance (3 Years)

#### B.Com. (General)

with Minor Degree in Digital Marketing

**Duration:** 3 years / 6 semesters

**Eligibility :** Pass-in Higher Secondary with 50% marks in the Commerce & Accountancy / Computer Applications

**Mode of Selection :** AMET Entrance Exam

**Commencement of the classes :** End July / Early August

**Sanctioned Strength :** 30

**Both Boys and Girls are eligible to apply**

#### B.Com. (Honours) Computer Applications

with Minor Degree in Big Data Analytics

**Duration:** 3 years / 6 semesters

**Eligibility :** Pass-in Higher Secondary with 50% marks in the Commerce & Accountancy / Computer Applications

**Mode of Selection :** AMET Entrance Exam

**Commencement of the classes :** End July / Early August

**Sanctioned Strength :** 30

**Both Boys and Girls are eligible to apply**

#### B.Voc.(BFSI) Banking Finance Services and Insurance

**Duration:** 3 years / 6 semesters

**Eligibility :** Pass-in Higher Secondary with 50% marks in any group.

**Mode of Selection :** AMET Entrance Exam

#### Features :

- Students will be trained in BFSI Industry (Banking, Finance, Service and Insurance) for Internship and on-the-job training
- After training, companies will recruit the students directly
- Very much affordable fees
- Scholarship will be provided

**Commencement of the classes :** End July / Early August

**Sanctioned Strength :** 20

**Both Boys and Girls are eligible to apply**

#### LIST OF COMPANIES WHICH RECRUITED BBA & B.COM STUDENTS

- DA Desk, Dubai
- Ocean Masters Marine, Malaysia
- Expo Freight, Dubai
- CMA-CGM, Chennai
- Hapeg-Llyod, Chennai
- Sea Port Logistics, Tuticorin
- Executive Ship Management, Chennai
- Unique Freight Liner, Chennai
- C-EXIM Logistics, Chennai
- Ashapura Forwarders, Gujarat and
- Other Ports & Shipping Companies
- Anand Tech Verce (IT), Chennai
- Negociscorp (Finance), Chennai



## Department of Food Processing Technology

### Programmes Offered

#### Under Graduate Programme

- B.Tech. Food Processing Technology - 4 years with Minor Degree in 3D Printing

### B.Tech. Food Processing Technology

with Minor Degree in 3D Printing

The main objective of the department is to create trained and skilled human resources to cater the needs of the rapidly growing Food Processing sector. The department is currently offering Ph. D. programme on Food Processing Technology. The department also aims at human resource development for supporting the food processing sector and to promote research and development for product and process and assure quality and safety of processed foods. The Course been approved by AICTE. The courses are taken by highly qualified and experienced faculty from the same stream.

**Duration:** 4 Years (8 semesters)

**Eligibility:** Should have passed 10+2 with Physics, Chemistry, Maths or Biology with minimum 50% marks in aggregate.

**Mode of Selection:** Entrance Examination and Personal Interview

**Sanctioned Strength :** 60

Both Boys and Girls are eligible to apply.

#### Scope of Food Processing Technology :

Indian Food sector contributes to 28% GDP of total trade. Dairy and Cereal production ranks first which provides growth in food processing and technology, which provides very well growth in industrial and product preparation sectors. Rapid growth in field of food processing invites investors to invest in food sectors. India also estimates a Foreign Direct Investment of \$3 Billion. Survey says that by 2025 the industrial food sector can expect a growth of 25%. Indian government involves greatly in improvement of food processing and it has signed installation of twenty one Mega Food

Parks and it is found that four Food parks in operation. The various schemes and organization are being involves greatly in development of food processing including MAKE IN INDIA, MOFPI, FCI, EDP, MSME, etc. Exporting of food products from India to European Unions, US and Arab countries has its own demand for the Indian food products for its safe and quality.

Students of Food Processing Technology are having job opportunities in dairy industries, fruits and vegetable processing sectors, cereals and pulses manufacturing unit, oils and fats processing industries, meat and marine processing industries, bakery and confectionery industries, spices mixes and condiments manufacturing industries, and Equipment manufacturing industries.

Students are trained to work in processing plant with designation as Food Processors, Process Development Specialist, Manufacturing Specialists, Food Production Manager, Sales, Marketing & Branding , Food Scientist, Food Technologist, Food Chemist, Product Development Specialist, Food Formulation Scientists, Food Chemist, Food Inspector, Toxicologist etc. Government of India have many schemes and subsidies for Food Business Operators to start new or expand their Food Businesses.

#### INDUSTRY INTERNSHIP FOR OUR STUDENTS

- Britannia Industries Limited
- Lotte Corporation
- SGR 777 Foods Pvt Ltd, T Nagar
- IQF FOODS PRIVATE LIMITED
- Manna Foods (Southern Health Foods Private Limited)
- D.V.M. Food Products Pvt Ltd.
- G K Dairy And Milk Products Private Limited
- Tulya Beverages Pvt Ltd.
- Surabhi Dairy Farms
- Moon Foods
- Eastern Condiments (P) Ltd.
- AVT Natural Products Ltd.
- Modern Food Industries India Ltd.



## Department of Marine Biotechnology

### Programmes Offered

#### Post Graduate Programme

- M.Sc. Marine Biotechnology - 2 years

### M.Sc. Marine Biotechnology (A New Emerging Field)

M.Sc. Marine Biotechnology is a unique post graduate degree which is offered by few institutions in India. AMET is proud to have such a unique course with International Standards. Our course curriculum has been very sincerely prepared to help the students to get world class information and exposure. Doing M.Sc. Marine Biotechnology at AMET will enhance your job opportunities in the academi & research development as well as in industry sectors pertaining to Marine Biotechnology.

#### Duration : 2 Years; 4 Semesters

**Eligibility :** B.Sc. Degree (55%) in any subject of Life Sciences / Agriculture / M.B.B.S / B.V.Sc./ BE or B.Tech Biotechnology, of a recognised Indian or Foreign University.

#### Salient Features

- Our PG Program has been planned in such a way to equip the students to make them confident enough in facing the job market.
- Our course curriculum has given equal emphasis on both industry, research and academia needs
- We encourage our post graduate students to take part in the scientific events throughout the Nation
- During their course, they need to do research projects through which we make our students have publications in journals of International reputation. Industrial visits, field visits and tours are part of the curriculum
- At departmental level, we enrich extracurricular, co-curricular and interpersonal skills of our students through Luminous Club.
- We are training our students to equip themselves for a research career and we are proud to say our students are now able to do independent research on some unique fields such as luminescent bacteria, florescent pseudomonads, marine actinomycetes, extremophilic bacteria, halophilic archaea etc.
- We have strong MoUs and collaborations with many foreign Universities and private Biotech companies in India and abroad through which we offer higher studies opportunities and placement assistance for all our meritorious students

**Sanctioned Strength :** 18

# TWINNING PROGRAMME



**Degree Awarded by EDGE HILL University, UK**

## **B.Sc. (Hons) Robotics and Artificial Intelligence - 3 Years**

A Robotics and Artificial Intelligence (R&AI) degree will provide the graduates with a strong platform to enter a wide range of challenging sectors such as Industrial Automation, Finance, Engineering, IT, Manufacturing & Production, Transport & Logistics, Public Sector, Defence, Healthcare, Entertainment and Science.

**Duration :** 3 Years (Full-Time) - 6 Semesters

**Degree Offered by :** EDGE Hill University, United Kingdom

### **Eligibility Criteria**

**Age :** Minimum 17 Years

**Eligibility :** Pass in Plus 2 (12th Standard) or its equivalent with Mathematics, Physics and Chemistry.

**Mode of Selection :** AMET Common Entrance Test

### **Career Prospects**

The Deloitte "Global Human Capital Trends survey" 2018 report mentions the following human skills needed to use Robotics and AI effectively: Technical skills, Complex problem-solving skills, Cognitive abilities, Process skills, Resource management skills, Social skills, Content skills, Sensory abilities, Psychomotor abilities and Physical abilities.

Robotics and AI are the recent emerging technologies. They have created a demand for new type of skills. The problem identification, analysis, modelling, solution development and evaluation skills gained from this programme will prepare the students for a range of careers. Students will be exposed to industry practices through industry visits, internship and also their final year projects in reputed industries. The students will also be encouraged to take part in National and International events, which will help to grid with external stakeholders.

The most common fields, where employment can be found, will be in industries developing robotic solutions for agriculture, human resource management, manufacturing, healthcare, transport, energy, defence, research, etc. Upon completion of the programme, Graduates could take roles such as:

- Robotic Design specialist
- Software engineer/developer
- Embedded Systems developer
- Intelligent Systems architect
- Intelligence analyst in a range of sectors such as Finance and Marketing, Industry 4.0 etc.
- Further study (Masters courses, PhD research)

**Scholarship available for all candidates at Edge Hill University, UK**

**TWINNING  
PROGRAMME**  
**TWO years in AMET,  
India & ONE year in  
EDGE HILL University,  
United Kingdom**





## Degree Awarded by City of Glasgow College, UK

### Advanced Diploma in Nautical Science [COGC, UK]

**Duration :** 2 years

**Course Pattern :** The course comprises 42 weeks at AMET and about 40 weeks at respective UK College.

On successful completion of the course at AMET, the students are permitted to proceed to the UK College in pursuing 40 week 2nd year programme.

**Eligibility :** A pass in plus-two with an average score of 45% in Physics, Chemistry & Maths and 50% in English (10<sup>th</sup> / 12<sup>th</sup>) is required.

Passport is Mandatory.

**Mode of Selection:** Admission Test, Interview and Medical Fitness

**Medical Standards :** Students should be physically fit for sea service (Medical examination will be conducted every time by the company medical officer before joining on board ships) under standard norms with eye sight 6/6 in better eye, 6/9 without colour blindness in other eye as per the standard medical requirement to be conducted by Director General Shipping approved medical officer /MCA Requirement.

**Sanctioned Strength :** 60

**Boys and girls students are eligible to apply.**

### Advanced Diploma in Marine Engineering [COGC, UK]

Conducted in collaboration with City of Glasgow College, U.K. and approved by the Maritime and Coastguard Agency (UK).

**Training Pattern :** This is a fully residential course.

**Phase 1:** 45 weeks is at AMET University, Chennai, studying Advanced Diploma units & Basic Modular STCW courses

**Phase 2:** 45 weeks at COGC, Glasgow, studying Advanced Diploma units to qualify for the award of a Advanced Diploma in Marine Engineering.

**Eligibility :** Age: Maximum 25 years

**Educational Qualification :**

A pass in Plus two (12th Standard) or its equivalent with minimum 50% aggregate in Maths, Physics and Chemistry Group and minimum 50% marks in English. The candidate will have to appear in IELTS examination for English proficiency with minimum score of 5.5.

**Mode of Selection :** Admission Test, Interview and Medical

**Medical Standard :** Candidates should be physically fit for sea service under standard norms, with eye sight upto 6/12 in both eyes or 6/9 in better eye, 6/18 in other eye and with no colour blindness.

**Boys and Girls are eligible to apply.**



## Degree Awarded by South Tyneside College, UK

### Advanced Diploma in Nautical Science [STC, UK]

(In collaboration with South Tyneside College, UK) Approved by Maritime and Coastguard Agency (UK) and Scottish Qualification Authority, UK

**Duration :** 2 years

**Course Pattern :** The course comprises 42 weeks at AMET and about 40 weeks at respective UK College.

On successful completion of the course at AMET, the students are permitted to proceed to the UK College in pursuing 40 week 2nd year programme.

**Eligibility :** A pass in plus-two with an average score of 45% in Physics, Chemistry & Maths and 50% in English (10<sup>th</sup> / 12<sup>th</sup>) is required.

Passport is mandatory.

**Mode of Selection :** Admission Test, Interview and Medical Fitness

**Medical Standards :** Students should be physically fit for sea service (Medical examination will be conducted every time by the company medical officer before joining on board ships) under standard norms with eye sight 6/6 in better eye, 6/9 without colour blindness in other eye as per the standard medical requirement to be conducted by Director General Shipping approved medical officer /MCA Requirement.

**Boys and girls students are eligible to apply.**

### Advanced Diploma in Marine Engineering [STC, UK]

Conducted in collaboration with South Tyneside College, U.K. and approved by the Maritime and Coastguard Agency (UK).

**Course Pattern**

**Stage 1 :** 45 weeks at AMET

**Stage 2 :** 45 weeks at South Tyneside College (STC), UK

**Eligibility :** Age: Maximum 25 years

**Educational Qualification:** A pass in Plus-two (12th Standard) or its equivalent with minimum 50% aggregate in Maths, Physics and Chemistry Group and minimum 50% marks in English. The candidate will have to appear in IELTS examination for english proficiency with minimum score of 5.5.

**Mode of Selection :** Admission Test, Interview and Medical

**Medical Standard:** Candidates should be physically fit for sea service under standard norms, with eye sight upto 6/12 in both eyes or 6/9 in better eye, 6/18 in other eye and with no colour blindness.

**Boys and Girls are eligible to apply**

# TWINNING PROGRAMME



## Degree Awarded by University of Strathclyde & University of Plymouth, UK

### B.E. Naval Architecture & Offshore Engineering

The course is accredited by Royal Institution of Naval Architects (RINA), U.K.

<b>Programme Duration</b>	4 Years (Full-Time) - 8 Semesters
<b>Programme Nature</b>	Twinning Programme
<b>Start Date</b>	Every year in July month
<b>Eligibility</b>	A pass in plus-two (12th standard) or its equivalent, with minimum 50% Marks for OC and 45% for others aggregate in Maths, Physics and Chemistry Group from any recognized Board.
<b>Location</b>	First Two years in AMET University, India & Third & Fourth year in University of Strathclyde Glasgow, United Kingdom
<b>Degree Offered by</b>	<b>University of Strathclyde, Glasgow, United Kingdom</b>

### B.Sc. (Hons.) Maritime Business & Logistics

B.Sc. (Hons.) Maritime Business and Logistics is accredited by the Institute of Chartered Shipbrokers and the Chartered Institute of Logistics Transport, U.K. Maritime Business is concerned with commercial, economic, operational and legal subjects required for a full appreciation of the activities of international shipping and its related industries.

<b>Programme Duration</b>	3 Years (Full-Time) - 6 Semesters
<b>Programme Nature</b>	Twinning Programme
<b>Start Date</b>	Every year in July month
<b>Eligibility</b>	Plus 2 (10+2) in any group. 50% Aggregate, English Literacy
<b>Location</b>	First Two years in AMET University, India & Third year in University of Plymouth, United Kingdom
<b>Degree Offered by</b>	<b>University of Plymouth, United Kingdom</b>



A State of the Art Polaris Bridge Simulator has been installed in our campus. Kongsberg, Norway, leaders in Maritime and Offshore Simulators have supplied the hardware and the software for this Simulator. This advanced equipment will add skills to our students to navigate ships of all classes, plan and conduct passage, determine location, use radar, respond to distress calls etc., all sitting in front of the Simulator, powered by

advanced technology. No lesser in technology is the Neptune Engine Room Simulator, which was simultaneously installed. This 21st Century simulator will provide the student Real Time/ Hands On experience with Diesel Engine Plants. This Simulator along with the Bridge Simulator will replicate the activities of a real ocean sailing vessel.







The University offers the following Short Term Courses.  
These courses are approved by the Directorate General of Shipping (Govt. of India)

## SECOND MATE (FG) COURSE

**Aims:** This course covers part of the education and training required as per the Meta Manual and Training circulars issued by the DGS. The course aims to meet the standards of competence specified in section A-II/1 of the STCW convention as mentioned in 2010.

**Objectives:** The objectives of this course are to prepare a candidate to appear for the examinations of Second Mate for the issue of the Certificate of Competency as Second Mate of a Foreign going Ship.

**Details of the course :**

1. **Course duration :** 4 Months
2. **Eligibility :** Pre sea training and Sea service as per Meta manual.

**Approval :** AMET received the approval to conduct the course vide Approval No.: TR/A/45/2010. Dt. 19.10.2010

**Course Commencement :** The First batch commenced on 15<sup>th</sup> Dec 2010. Successive batches offered as per DGS Calendar

## ADVANCED SHIPBOARD MANAGEMENT

**Aims:** The aims of this course are to prepare the students to appear for the examinations of Certificate of Competency as Master of a Foreign going Ship.

**Objectives:** The objectives of this course are to prepare the candidates to appear for the examinations of Certificate of Competency as Master F.G.

**COURSE DETAILS:** Ref: DGS circular STCW 2010 circular No 3 of 2011

**Course Duration:** 6.5 Weeks **Eligibility:** Rule 15 (2) (i) & (ii) of M.S. (STCW) Rules 1998 and Section M-II/3 of META Manual Vol. I.

**APPROVALS:** AMET received the approval to conduct the course vide Approval No: TR/A/28/2012. Dt: 20.03.2012

**Course Commencement:** The First Batch Commenced on 2<sup>nd</sup> July 2012. Successive batches to be offered every alternate months as per DGS Calendar.

## SIMULATOR & BRIDGE TEAM WORKS

**Aims:** This course covers the training recommended in the IMO Model Course 1.22 and fulfills the training requirement for Navigating officers at the Management Level, specified in Table A-II/2 of STCW Code 1995 and Appendix M-II/3B of META Manual Vol 2, concerning manoeuvring and handling a ship in various conditions and establishing good team work during Bridge Watchkeeping.

**Objectives:** The trainee who successfully completes this course will have gained experienced in handling ships under various conditions and will make a more effective contribution to the bridge team during ship manoeuvring in normal and emergency situations.

**COURSE DETAILS :** Course duration: 5 days

**Eligibility:** The trainee should be in possession of Chief Mate (F.G.) Certificate of Competency or Mate (H.T.) Certificate of Competency and sea-service of at least 8 months as a certified watch keeping officer.

**APPROVALS :** AMET received the approval to conduct the course vide Approval No: TR/A/66/2012. Dt: 07.06.2012.

**Course Commencement:** The First Batch Commenced on 21st Sep 2012. Successive batches to be offered as required.



## CHIEF MATE PHASE - I

## CHIEF MATE PHASE - II

## COMPETENCY COURSE

### Aims:

This course covers part of the education and training required under Regulation II/2 and aims to meet the standards of competence specified in Section A-II/2 of the STCW 2010.

### Objectives:

The objectives of this course are to prepare a candidate to appear for the examinations of Phase I and Phase II of the Certificate of Competency as Chief Mate of a Foreign going Ship.

### COURSE DETAILS

Ref: STCW 2010 Circular No11 of 2012

Course Duration: 3 Months

Eligibility: Hold a certificate of competency as Second Mate of a foreign going ship (Officer in charge of a navigational watch on ships of 500 GT or more) issued by Government of India and have approved sea –going service for a period of not less than 9 months for Phase I and 18 months for Phase II.

### APPROVAL:

AMET received the approval to conduct the course vide Approval No: TR/A/ 177/2012.Dt:14.11.2012.

**Course Commencement:** The First Batch Commenced on 17th Dec 2012. Successive batches to be offered every Three months as per DGS Calendar

## HIGH VOLTAGE SAFETY & SWITCH GEAR COURSE

### High Voltage Safety & Switch Gear Course

(DG Shipping Approved)

### Qualification and Eligibility :

Marine Engineering Officers holding MEO Class I / Class II Certificate of Competency or Have Completed Sea time 12 months in the capacity of Electrical Officer / Trainee E/O & Class IV COC

**Course :** Operational Level

**Duration :** 1 Day

**Facility :** Air conditioned class room. Free transport from Chennai to the University and back. Accommodation in Hotel can be arranged on request at additional cost.



# DEPARTMENT OF PRE-SEA MODULAR COURSES



There are five STCW modular courses that are mandatory for all seafarers to complete prior to join a ship and Oil Tanker Familiarisation Course which is mandatory for those who are expected to join Tankers.

1. The **Elementary First Aid (EFA)** Course covers assessment of the scene and patient, vital signs. Life-threatening condition and hypothermia. Duration: 3 days.
2. The **Fire Prevention and Fire Fighting (FPFF)** Course covers fire detection equipment and strategy. It also involves hands-on training where fires are fought using water, carbon dioxide and foam extinguishers. Duration: 3 days.
3. The **Personal Survival Techniques (PST)** Course covers lifesaving equipment, emergency radio equipment, survival at sea and preparation for emergencies, evacuation. This involves hands-on practical training using life-jacket, life-buoy, life-raft etc., Duration: 3 days.
4. The **Personal Safety and Social Responsibility (PSSR)** Course covers emergency procedures, preventing pollution, safe-working practices and effective human making oneself understood in a professional capacity as well in personal relationships. Duration: 3 days.
5. The **Security Training for Seafarer with Designated Security Duties (STSDSD)** is for all seafarers on management and operation level who will work on board ships following the regulations of the international ship and Port Security (ISPS) Code and who during performance of their routines duties, will be additionally entrusted with duties aimed at achieving the security of the ship. The training provides knowledge and skills necessary to perform duties for achieving security of the merchant ship in accordance with the STCW Convention. Duration: 2 days.
6. The **Oil Tanker Familiarisation Course (OTFC)** is for all Officers and Rating intending to join Tankers. Successful completion of this course enables the candidates to serve on Oil Tankers. Duration: 5 days.

These courses are conducted for AMET students those who are undergoing Pre-Sea training and for person who wants to undergo training in the university.

## GMDSS-General Operators Certificate (GOC) - INDIAN

**Introduction:** GMDSS (Global Maritime Distress and Safety System) course is designed and imparted fundamentally to cadets who are part of the Merchant Navy before becoming a Junior Officer.

**Eligibility:** A mere pass in 10+2 (HSC) with Maths & Physics is sufficient. Indian National, age: 18 years and above.

**Duration of the course:** 15 working days including examination.

## GMDSS-General Operators Certificate (GOC) - U.K.

**Introduction:** GMDSS (Global Maritime Distress and Safety System) course is designed and imparted fundamentally to seafarers who are part of the Merchant Navy before endeavoring to become a Junior Officer.

**Eligibility :** No formal academic qualification is required. However, thorough knowledge of English conversation and good knowledge of world geography and marine sea routes are required. Minimum age limit is 18 years and above.

**Duration of the course:** 10 working days including examination.



Photo Courtesy : A2 SEA

## Pre-Sea GP Rating Course (6 Months)

On successful completion of this course, the candidates will be eligible to join in Indian / Foreign Ships as a Deck / Engine crew.

### Eligibility:

- 10th Standard pass from government recognized board with compulsory subjects English, Mathematics and Science with 40% aggregate. English 40% in 10th / 12th.  
OR
- 12th Standard (any stream) pass from government recognized board with 40% aggregate. English 40% at 10th / 12th but with subjects English, Mathematics and Science at 10th.  
OR
- Pass in 2 years ITI Course (Fitter / Machinist / Mechanic / Welder / Turner) approved by DVET / NCVT with minimum 40% aggregate marks in final year of ITI & minimum 40% in English in 10th / 12th.

### Passport is mandatory

### Age Limit :

Between 17 1/2 and 25 years (on commencement of course). Relaxation of 5 years in the upper age limit over and above the age limit for admission to the Pre-Sea GP Rating course for the candidates belonging to SC/ST.

### Medical Examination :

Selected candidates undergo a medical examination with DG Approved Doctor.



# RESEARCH & DEVELOPMENT DIVISION



Photo Courtesy : A2 SEA

The University is engaged in pursuing Quality Research in the following Maritime Emerging areas.

- Maritime Education, Ship Design, Marine Pollution, Maritime Security
- Climate Change, Vessel Traffic Management, Ocean Acidification
- Coastal / Marine Management, Inland Water Studies, Estuarine Studies
- Maritime Policies, Shipping & Logistics Management, Maritime Law
- Marine Insurance, Maritime Fleet Operations, Oil & Gas, Wave Energy
- Marine Human Resource Management, Offshore Wind Energy
- Port Safety and Waste Management, Coastal Hazards, Disaster Mitigation
- Oil Pollution and Oil Slick, Marine Navigation, Cargo Handling
- Material and Invasive Species, Bio fouling, Maritime Ecology
- EXIM Studies, Maritime Boundaries, Maritime Terrorism and Piracy
- Deep Sea Mining, Health and Environment, Chemical Dispersion.

☞ To enhance and sustain Research Activities at AMET University the following TWO Research Centres have been established.

1. Centre for Maritime Information Services in association with Chennai Port Trust
2. Centre for Non Destructive Evaluation in association with Indian Society for Non - Destructive Testing

## INTERNATIONAL RESEARCH JOURNALS

**Number of International Research Journals published : FOUR**

**Frequency of publication : Bi-Annual**

60% of the papers from International Authors with many International experts on the Editorial Board.

### 1. AMET International Journal of Management (AIJM)

ISSN NO: 2231 – 6779

### 2. AMET International Maritime Research Journal (AIMRJ)

ISSN NO: 2347 – 274X

### 3. AMET International Journal of Physical and Chemical Science

ISSN NO: 2395 - 6275

### 4. AMET International Journal of Marine Biosciences (JMBS)

ISSN NO: 2454 - 3519 for printing and ISSN NO: 2454 - 3527 for online

## Research Projects, Publications, Patents, Training and Consultancy Services

Our University Faculty Members have published a number of articles in Scopus/High Impact Factor Journal and also filed and published a number of Patents. Further our Research Projects and Training Programme are being recognized and sponsored with Research Grants by the National Funding Agencies / Research Organisation like Department of Science and Technology , Indian Council of Social Science Research , Bharatiya Nabhikiya Vidyut Nigam Limited, Board of Research in Nuclear Sciences , Indian Space Research Organization , Indian National Centre for Ocean Information Services and Chennai Port Trust, etc.

The Consultancy Services are rendered to various Industries/Research Organizations in the form of Industry Consultancy, Project Management, Ship Repair & Maintenance, Aquaculture etc.

## ACADEMIC RESEARCH PROGRAMMES

### Ph.D.PROGRAMME

Full time & Part-Time

### M.PHIL PROGRAMME

Full - Time & Part - Time

## INSTITUTIONAL MEMBERSHIP WITH PROFESSIONAL SOCIETIES

- International Association of Maritime Universities (IAMU)
- Association of Indian Universities (AIU)
- Indian Science Congress Association (ISCA)
- The Biotech Research Society of India (BRSI)
- Indian Society for Technical Education (ISTE)
- Computer Society of India (CSI)
- Royal Institute of Naval Architecture (RINA)
- All India Management Association (AIMA)
- The Institution of Engineers (IE) India
- Madras Management Association (MMA)





Photo Courtesy: AMET

## Centre for Research

AMET deemed to be University is offering Ph.D. programmes in more than 15 academic disciplines by following the guidelines of UGC (2009 Regulations and its amendments issued from time to time) by appointing full time Faculty with Ph.D., qualifications to guide Ph.D., scholars. AMET has more than 50 sophisticated laboratories, two exclusive research centers and seven specialized research laboratories. University has so far awarded 63 doctorate degrees. University has promoted the concept of inter-disciplinary approach in research. The administrative aspects of the Ph.D., research programme at AMET are facilitated by the Centre for Research headed by the Director Research. The Centre provides end to end assistance for the Ph.D., scholars in every stage of their Ph.D., research programme. The Centre frequently organizes workshops, guest lectures and sensitization programmes for the promotion of academic research, technical writing, academic integrity, plagiarism issues, research methodology, statistical methods etc.

## Ph.D Admission Procedure

AMET notifies vacancies for Ph.D., admission in the website and national dailies. Admission is based on entrance examinations and interview for eligible candidates. Admission is made Four times in an year (every quarter). Two categories of Ph.D. programmes available are: Full-time and Part-time. Candidates who satisfy the eligibility criteria as given in our website ([www.ametuniv.ac.in](http://www.ametuniv.ac.in)); Full time: Candidates with PG qualification in the appropriate disciplines with minimum of 55% of marks; For Part Time: Candidates with PG qualification in the appropriate disciplines with minimum of 55% of marks working in recognized organizations within Chennai Limit) are eligible to apply for Ph.D. Programme.

## Contact

The Director (Research)

Centre for Research

Academy of Maritime Education and Training (AMET) deemed to be University

135, East Coast Road, Kanathur, Chennai-603112

Tel.: 044 2744 4625/627/628 Extn. : 109

E-mail : [phd@ametuniv.ac.in](mailto:phd@ametuniv.ac.in)





## COMMUNITY PROGRAMME FOR EMPOWERING ECONOMICALLY POOR RURAL WOMEN OF KANATHUR VILLAGE

### Scope of the Program

- To support economically poor rural women emboldened to become an entrepreneur to start their own business
- To support with Job oriented training to get jobs in premier organizations
- To encourage the womenfolk of Kanathur Village for whom the economic empowerment is appealed
- Upon successful, this program will cover for other villages too significantly bringing poor women to economic independence

### Programmes Offered

#### Certificate Course in Tally : 60 Hours

- Eligibility : Plus 2
- Course Fee : Free
- Course Duration : 3 months

#### Certificate Course in Digital Photo Editing : 60 Hours

- Eligibility : Degree
- Course Fee : Free
- Course Duration : 3 months

### VALUE ADDED PROGRAMMES

- One credit course - Instrumented Safety Systems - by Yokogawa India Ltd
- PRIMA VERA ORACLE
- High Voltage Safety and Switch Gear - Operational Level Course (Directorate General of Shipping Approved Certificate Course)
- High Voltage Safety and Switch Gear - Management Level Course (DGS approved Certificate Course)
- CAD using CREO
- CNC Milling and Turning in association with National Small Industrial Corporation (NSIC), Govt. of India

- Industrial Automation
- Certificate in Supply Chain Management
- Certificate in Tally
- Certificate in EXIM Trade and Customs Documentation
- Certificate in Customs Procedure and Documentation
- Certificate in Export Procedure and ICEGATE training
- Python Programming provided by Centre for Development of Advanced Computing (CDAC)
- GATE Coaching classes will be given to students enables for Higher Studies
- English communication and Soft skills for Preparation of interviews
- ISO 22000:2018 and HACCP internal Audit Certificate Course
- Branding and Marketing of Food Products
- Mining Machinery and Mining Safety



## DEPARTMENT OF CHEMISTRY

Chemistry being a core subject of all basic sciences the Department offers a common and robust platform for all engineering branches. The department of Chemistry teaches the basic theory and practical aspects of the subject to students of all marine and non-marine engineering courses.

In addition to the above, the Chemistry department is actively engaged in advanced research programmes related to bentonitic clays for drilling fluids, solid acid catalysts from clays, mixed oxide catalysts, organic synthesis and new-cathode materials.

## DEPARTMENT OF PHYSICS

All branches of Engineering stands on two pillars-Mathematics and Physics. Here in AMET, Physics finds a pride of place in the curriculum of all Engineering branches and Nautical Science. Theory classes are supported by adequate experimental works in the spacious and modern physics laboratory.

The department is encouraging research activities. At present research is carried out in Crystal Growth. During the next academic year, we propose to add Thin Film Technology to the research field.

## DEPARTMENT OF MATHEMATICS

MATHEMATICS plays a vital role in all walks of life. Here in AMET, Mathematics is taught to the students of all branches. The well furnished classrooms provide a healthy ambience to acquire the salient points of the subject. The Department of Mathematics is well equipped with experienced and talented teachers. Currently research is going to Finite Element Method. Also we have proposed to do research in Operations Research and Fluid Dynamics.

## DEPARTMENT OF PHYSICAL EDUCATION

Physical Education department provides opportunity for cadets and students to increase their physical activity levels through Intramural Tournament every year. The following sports & games such as Carrom, Table Tennis, Chess and Outdoor games such as Badminton, Basketball, Cricket, Football, Kabaddi, Swimming, Handball and Volleyball were conducted by the Department for all the Cadets and Students of the University.

## DEPARTMENT OF ENGLISH

All cadets / students of DG and Non-DG courses are taught English for enhancing the cadets / students communication competency. IELTS Training is also offered for international students. English has been gaining greater importance for global communication. Its competency enhances one's confidence and employability in global situations.

The English Department is engaged in teaching and training marine cadets / students of different branches to equip them with English language fluency along with the salient technical vocabulary.

## DEPARTMENT OF SOFTSKILLS

Department of Soft Skill Training came into existence in January 2010. Considering the fact that during the last decades in society the perceived importance of soft skills has increased significantly, we have incorporated the department of soft skills The academic mainstream to fortify the skills and competency of the students.

Soft skills are personal attributes that enhance an individuals' interaction effectively and highly deal with behavioral competencies of the students, Interpersonal Skills, Effective Communication, Positive Thinking towards life and workplace, Conflict Management, Leadership, Team building, Job performance and career prospects.

## AMET CENTRE FOR IELTS (ACFI)

ACFI has a strong commitment to provide quality English language teaching and excellent student services.

The Centre is accredited by the British Council for the exam registration of IELTS (International English Language Testing System) and holds the gold membership certificate for the 2013-2014 partnership program with the British Council.

### Courses Offered:

1. English for International Communication for overseas students
2. IELTS Exam Coaching
3. Special Spoken English classes for Indians, Staff Members, Less privileged students of the community
4. Special pronunciation Class
5. Individual coaching in all four skills (Listening, Reading, Writing & Speaking)
6. Counselling for students (academic & personal)





## DIRECTORATE OF PLACEMENTS

A full-fledged and exclusive department of Placement came into existence in January 2010, considering the fact that during the last decades we have sensed that there is a growing need for a nodal point of contact for companies seeking to establish a fruitful relationship with our university. It is not just a competitive world but a competitive job market especially in the Maritime Industry. The huge responsibility of placing every cadet/student is accorded "highest priority" of the Placement Department.

AMET has been considered as a one-stop recruitment destination for companies which are into multiple areas of Maritime Industry. Sailing on-board the ship, Offshore, Dredging, Oil exploration, Ship designing building/repair, Electrical and Electronics manufacturing, Coastal Modeling, Wave Dynamics, Under-water Pipelines, Break-water construction are a few areas to mention where our cadets/students have been placed across the globe. Companies like **Shell Ship Management**, **Seastar**, **Synergy**, **UOSM**, **Seateam**, **TPK Group**, **ISL**, **Kuehne+Nagel**, **MISC**, **Vik-Sandvik**, **Scorpio**, **Leaap International**, **Ocean Masters**, **Herning Shipping**, **Northern Marine**, **Larsen & Toubro**, **DA-Desk**, **CRS**, **Sembcorp Marine (Sembawang & Jurong Shipyard)**, **Indomer Coastal Hydraulics**, **Mitsui OSK Line**, **Maersk Line - Singapore**, **Pipavav Defence & offshore**, **Tsakos Ship Management Greece**, **SCI**, **Chevron**, **AET**, **VR Maritime**, **APL Singapore** **Herning Shipping**, **D'Amico Ishima** etc.

The Placement department continues to network, establish contacts, and invite companies in India and abroad with a policy 'leave no stone unturned' In order to make the students employable. Internally an assessment is made to know the needy area of training and a Training Need Analysis (TNA) is done. The students are assessed on various aspects including Communication skills, Attitude & Aptitude, Skills, Knowledge (CASK) and an independent Placement Score Rating is calculated and displayed to make it transparent.

The placement score rating is used to prepare an individual Intervention Plan (IIP) and is taken as reference document for formulation of Training course. We do invite professional trainers to supplement to efforts of Placement department. One specific program tailored as "Remedial Training for English communication skills, where students from Tamil / other vernacular Language medium schools who find it difficult to converse in English are given confidence building Sessions with public speaking. Thus the EPT (Essential Placement Training) prepared by the Placement department is an unique proposition of AMET.



# AMET STUDENTS PLACED WORLD WIDE

## B.E. Marine Engineering, B.Sc. Nautical Science, GME and ETO Cadets



## B.E. Naval Architecture Students



# AMET STUDENTS PLACED WORLD WIDE

## Master in Business Administration Students



## Bachelor in Business Administration Students



## B.E. Electrical & Electronics Engineering (Marine)



## B.E. Petroleum Engineering



# STATE OF THE ART – LIBRARY



## Prof. V.B.S. RAJAN LIBRARY

The Central Library has been functioning in a separate building and the total area of the library is 2936.38sq.m. The Library is named after Prof. V.B.S. RAJAN LIBRARY which was inaugurated by Mr. Efthimos E. Mitropoulos, Chancellor, Secretary General Emeritus, International Maritime Organization (IMO) on 4th September, 2014.

### LIBRARY COLLECTION

Total No. of Volumes	: 71412
Total No. of Titles	: 18707
Theses/Dissertation	: 2641
Back Volumes	: 2461

### PERIODICALS

Journals	: 123
Magazines	: 33
News Papers	: 16

### NPTEL

Video courses	: 31780
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### E-JOURNALS

J-GATE Engineering	: 18000
DELNET E-Journals	: 5000
IEEE	: 183e-Journals+Back file to 1998
ASME	: 31
PROQUEST	: 4500

### E-BOOKS

PROQUEST E-Books	: 40,758 e-books
DELNET E-Books	: 10,353 e-books

### FACILITIES / VALUE ADDED SERVICES

In order to meet the contemporary needs of the library users, the Central Library offers the following facilities and value added services through Information and Communication Technologies (ICT).

- LIBRARY AUTOMATION
  - Web OPAC (Online Public Access Catalogue)
  - ACCESS CARDS
  - LIBRARY WEB PORTAL
  - REFERENCE SERVICES AND REFERRAL SERVICES
  - THESES/DISSERTATIONS FACILITY
  - SELECTIVE DISSEMINATION OF INFORMATION SERVICE (SDI)
  - CURRENT AWARENESS SERVICE (CAS)
  - ARTICLE ALERT SERVICE
  - NEWS PAPER-CLIPPINGS SERVICE
  - REPROGRAPHY SERVICES AND SCANNING FACILITIES
  - INSTITUTIONAL MEMBERSHIP
- DIGITAL KNOWLEDGE CENTRE
  - ✍ IEEE E- JOURNALS
  - ✍ ELSEVIER PACKAGE: SCOPUS AND SCIENCE DIRECT
  - ✍ ASME E- JOURNALS
  - ✍ ASCE E- JOURNALS
  - ✍ J-GATE E- JOURNALS
  - ✍ EBSCO BUSINESS SOURCE ELITE
  - ✍ DELNET E- Journals
  - ✍ PROQUEST E- BOOKS
  - ✍ AUDIO VISUAL SECTION
  - ✍ VIDEO COURSE MATERIALS
  - ✍ SWAYAM PRABHA
  - ✍ NATIONAL DIGITAL LIBRARY OF INDIA
  - ✍ INSTITUTIONAL REPOSITORY
  - ✍ USE OF PLASMA TV

# TENTH CONVOCATION





# RESIDENTIAL FACILITY





# ACADEMIC GOVERNANCE



**Dr. J. Ramachandran**  
Chancellor



**Dr. Rajesh Ramachandren**  
Pro Chancellor



**Col. Dr. G. Thiruvassagam**  
Vice-Chancellor



**Dr. N. Manoharan**  
Pro Vice-Chancellor



**Dr. M. Jayaprakashvel**  
Registrar i/c

# ACADEMIC GOVERNANCE



**Dr. R. Muthezhilan**  
Controller of Examinations i/c



**Prof. KR. Chidambaram**  
Director - Competency Course



**Capt. K. Karthik**  
Head of the Department  
Nautical Science



**Dr. T. Sasilatha**  
Head of the Department  
Electrical and Electronics Engineering



**Dr. T. Nagalakshmi**  
Head of the Department  
Petroleum Engineering



**Dr. J. Rengamani**  
Director - AMET Business School



**Dr. John Wyson**  
Head of the Department  
Food Processing Technology



**Dr. L. Rajendran**  
Head of the Department  
Mathematics



**Dr. K.K. Sivakumar**  
Head of the Department  
Chemistry



**Capt. Samson Joseph**  
Head of the Department  
Pre Sea Modular Courses



**Dr. N.R. Ramkumar**  
Director - Department of Physical Education  
Proctor - Hostels



**Prof. K. Seyadu**  
Chief Executive Officer and  
Director - Students Affairs



**Prof. Bhoopathy Bhaskaran**  
Principal-DGS Course  
Head of the Department  
Marine Engineering



**Dr. K. Duraipandian**  
Head of the Department  
Maritime Commerce



**Dr. K. Thiruvengatasamy**  
Head of the Department  
Civil & Ocean Engineering



**Dr. R. Karthikeyan**  
Head of the Department  
Mechanical Engineering



**Mr. MSP Raju**  
Head of the Department  
Naval Architecture



**Dr. K.S. Siva Subramanian**  
Head of the Department  
Mining Engineering



**Dr. N. Duraimutharasan**  
Head of the Department  
Information Technology



**Dr. L. Senthilnathan**  
Head of the Department i/c  
Marine Biotechnology



**Dr. P. Kulalmolial**  
Head of the Department  
English



**Dr. S. Arjunan**  
Head of the Department  
Physics





### Managing Trustee - AMET Trust

Mrs. Susheela Ramachandran is the Managing Trustee of AMET Trust. She is a Post-graduate from University of Madras. She is a reputed teacher and trainer and she has spent more than three decades in the Educational sector. Her motivation and practical exposure have made AMET unique in the field of education. She is an exuberant personality in the Campus.



### Senior Vice President

Mr. S. Karikalan is a trust representative of AMET. He is a graduate from the University of Madras. He shoulders all the major responsibilities in the Administrative and financial activities of AMET and steers the University to function as a world class University. He is a motivator for the youth to gear up and develop self confidence in their own abilities to create a successful future. He was formerly a Rotarian and presently he is a member of the Lions Club rendering social service to the needy be they people or organizations. He also coordinates with various educational related authorities for the smooth running of the University.



### Joint Registrar

Mrs. V. Sangeetha Albin, B.E, MBA, is the Joint Registrar. She takes overall responsibility for ensuring the efficient operation of the administrative activity of the University. She earlier worked as Solutions Engineering South India Manager in Kuehne-Nagel, a German based MNC and was deputed to Bremen, Germany for handling European logistics projects. She partners with senior leadership in the execution of various projects as required and provides executive support. As an energetic young director, she manages various employee related issues, functions as a mediator and assists in reviewing employee needs and recommends appropriate training and development programmes.

# UNIVERSITY CENTRE FOR INTERNATIONAL RELATIONS (UCIR)

UCIR department has been exclusively established to look after the welfare of International students studying at AMET. The welfare activities include but are not limited to providing familiarization about safety and security procedures to be followed in and around the campus, familiarization about respective courses and academic curriculum, familiarization about national and regional culture familiarization about AMET code of conduct etc. UCIR is entrusted with the responsibility of securing residential permit for all the international students by carrying out the mandated immigration procedures. UCIR resolves international student's academic and non academic grievances thereby facilitating their progress in academic and extracurricular activities. UCIR serves as a centre point of communication for all correspondence with the sponsors of International students and the parents / Guardians of individual students. International students' medical requirements are swiftly met through the functional network of UCIR. UCIR operates as a single window system to cater to the entire needs of international students from the time of their initial entry to AMET until their final exit.

International Students, OCI (Dual citizens), PIO card holders, NRI students, and NRI sponsored students can apply under the category of International students. OCI and PIO card holders will only be considered equivalent to NRI students. These students are exempted from appearing for the AMET entrance examination.

## ELIGIBILITY FOR GRADUATE PROGRAMMES:

### Under Graduate Programmes

Pass in 10+2 (Higher Secondary School) of India or equivalent examination eg. CBSE, ISCE, A Levels, IB, STPM, HSC, WASSCE, NCEA Level 3, American High School Diploma, etc. with minimum 50% aggregate or equivalent grade in Physics, Chemistry and Mathematics and a pass in English.

Students following the American High School system will be considered if the above courses have been taken in the 11th and 12th grades or 'AP' (Advanced Placement) courses or completed the above science courses in the Bachelor's degree.



### Post Graduate Programmes:

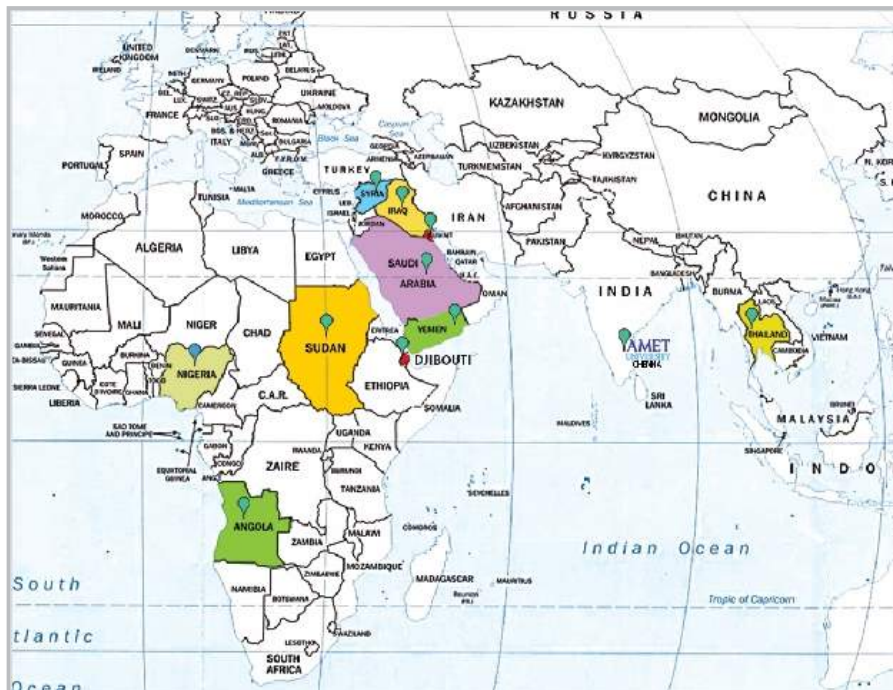
Bachelor's degree or its equivalent qualification in relevant specialization with minimum aggregate of 50%

### Additional Information

- In case of candidates who have furnished the mark sheets of the qualifying examination, only in GRADES, the minimum marks pertaining to the grade obtained in the course will be taken into consideration while determining the marks in science subjects. Only students from High schools accredited by the respective State or the Country will be eligible for admission and a statement to this effect should be produced.
- The admission is also subject to the final acceptance of the eligibility and approval of the respective council of higher education. If the council disapproves the eligibility, then AMET will not be responsible for the admission.
- It is also the responsibility of the candidates to ensure that they possess the requisite qualification for admission.
- The admission offered to a candidate who has been provisionally admitted to a program in AMET is subject to cancellation if he/ she does not submit the relevant documents in original pertaining to admission (such as Mark Statements, Grade equivalence, Transfer Certificate, Migration Certificate etc.) to the concerned Admissions Officer.
- Admission to various programs will however be subject to verification of original certificates/ documents of the candidates. In case any discrepancy is found, even at a later point of time after admission, the management reserves all right to cancel the candidate's admission.



# INTERNATIONAL STUDENTS AT AMET



# AMET SILVER JUBILEE CELEBRATION AT MUMBAI



On the occasion of AMET Silver Jubilee Celebration, a gala event to honour and celebrate all our alumni, was arranged in ITC Grand Central, Mumbai on 18.01.2019, Twenty five years had flown by, since the establishment of AMET in 1992. The Celebration was a nostalgic reunion for most alumni and commenced with a welcome address and a presentation on AMET's Journey down the years from 1992.

