



AMET Vision 2020

A Strategic Plan



Institutional Strategic Planning and Monitoring Committee

Academy of Maritime Education and Training (AMET)

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Introduction

The Academy of Maritime Education and Training (AMET) was established as a Maritime Academy with an enrolment of 14 cadets on 15th February 1993 by Dr. J Ramachandran, a distinguished philanthropist, pioneering marine entrepreneur and founder of NAESEY (New Era Association of Educated Self Employed Youth). On 21st August 2007, the Ministry of Human Resources and Development (MHRD) Government of India notified through Gazette of India, the Deemed to be University status to AMET under section 3 of UGC Act 1956 in *de novo* category. Thus AMET has emerged as India's first Deemed to be University in maritime education and continue as the only private maritime University recognized by University Grants Commission and the only member of International Association of Maritime Universities, in India. University firmly follows the norms and guidelines of the regulatory bodies concerned, University Grants Commission and Directorate General of Shipping, Government of India.

The Academy of Maritime Education and Training (AMET) started imparting training to candidates interested in becoming qualified maritime professionals. It established and ultimately won a very high reputation in the International Maritime sector with a natural progression of becoming a Maritime University, the first of its kind to build up the indigenous knowledge base in maritime sector. As maritime education sector is vibrant there was a huge demand for admission to the various programs. The University is ever willing to accommodate the global changes required in the curriculum to provide experiential education to enable the students to be readily employable. The University has created exclusive infrastructure facilities such as Ship in Campus, Full Mission Ship Simulator, Unique laboratories like 'Seamanship Lab', 'Navigational Lab', 'Fire

Prevention & Control Lab’, ‘High Voltage lab’, expensive design software like ‘TRIBON, MIKE21’. In the long journey of over 20 years in Maritime Education, AMET University has always responded to all its stakeholders with respect and responsibility.

At this context, the University has formed the following Committees

1. **Institutional Strategic Planning and Monitoring Committee** – Having internal members to develop a Vision Document with a strategic plan for the next five years to the University.
2. **Strategic Planning and Steering Committee**-Having few external experts along with Internal Leaders to draft the Vision 2020 document and review the implementation of the same annually.

A Vision Document Containing a categorical Strategic Plan is an essential component for the growth of any Institution. The long-term plans have been set down in the AMET Vision 2020 considering the reports from various Committees, University Departments, Cells/Centres and stakeholder. AMET Strategic Plan 2020 is developed to attain the Vision, Mission and quality objectives of the University.

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.

In consonance with the vision, mission and quality policy the Strategic Planning and Steering Committee has developed AMET Vision 2020 a Strategic Plan as a guideline document for the University to engage specialized programmes and schemes to achieve the vision 2020 and to holistically achieve the vision and mission of the University.

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Preamble

The Academy of Maritime Education and Training (AMET) established in 1993 and declared as a Deemed to be University in the year 2007 has completed more than two decades of academic journey. The pioneering Institution in Maritime Education at the time of establishment, AMET is always a trendsetter. Being a first University in Maritime Education with the approval of MHRD, AMET stands as a Leader in the specialized maritime domain.

To further excel the University in all facets of higher education keeping in view of the specialized and unique strength of the University in maritime education, the following Five Major Goals are set to realize AMET Vision 2020.

They are as follows

1. To build AMET as a trendsetter in Maritime Education and position the University as a preferred entity for all Maritime Knowledge
2. Create interdisciplinary and transdisciplinary maritime research programmes and schemes
3. Design and development of new programmes in Maritime Education and Allied Fields
4. Improvement of knowledge delivery methods to improve the quality of Maritime Education
5. Maximize the potential of all stakeholders through holistic development

Strategic Plan and Action Plan to Achieve AMET Vision 2020

AMET is a deemed to be University in the de novo category where there have been no such Institutions of higher learning in India. Whereas AMET being the first University of Maritime Education in India, has the National responsibility to create fundamental knowledge delivery system in the de novo field of Maritime discipline.

GOAL 1: TO BUILD AMET AS A TRENDSETTER IN MARITIME EDUCATION AND POSITION THE UNIVERSITY AS A PREFERRED ENTITY FOR ALL MARITIME KNOWLEDGE

Strategic Plans and Action Plans for Goal 1:

Strategic Plans for Goal 1	Action Plans
Enhancement of International Connect especially with the core shipping Industry	<ol style="list-style-type: none">1. Participation in Globalized and Nationalized educational initiatives2. Establishing collaborations with major shipping industry
Establishments Intellectual trends in the Maritime Domain	<ol style="list-style-type: none">1. Organizing major conferences and seminars in the core areas of Maritime domain for knowledge exchange2. Creation of publications such as books and journal articles in the maritime domain

GOAL 2: CREATE INTERDISCIPLINARY AND TRANSDISCIPLINARY MARITIME RESEARCH PROGRAMMES AND SCHEMES

Strategic Plans and Action Plans for Goal 2:

Strategic Plans for Goal 2	Action Plans
<p>Introducing PhD programmes in the maritime domains – augmenting the research domain nationwide in the <i>de novo</i> field, maritime discipline for which the University is given the Deemed to be University status</p>	<ol style="list-style-type: none"> 1. Appointing suitable guides for Maritime Research in rare disciplines 2. Enhance the knowledge resources both in printed version, digital resources and other research related software
<p>Motivation of Faculty to engage interdisciplinary and transdisciplinary research</p>	<p>Promotion of interdisciplinary and transdisciplinary maritime research through incentives, fellowships and scholarships</p> <p>Creating Specialized laboratories for the interdisciplinary and transdisciplinary maritime research</p>

GOAL 3: DESIGN AND DEVELOPMENT OF NEW PROGRAMMES IN MARITIME EDUCATION AND ALLIED FIELDS

(There have been very less number of Institutions in India offering both undergraduate and post graduate programmes of Maritime Discipline in India. Being the first maritime University in India, AMET is committed to create new programmes in maritime disciplines and its allied fields)

Strategic Plans and Action Plans for Goal 3:

Strategic Plans for Goal 3	Action Plans
Identification and introduction of new courses and programmes in Maritime and its allied fields	<ol style="list-style-type: none">1. Introducing new UG and PG programmes in Maritime discipline and its allied fields2. Offering interdisciplinary maritime programmes to enable women students to enter into maritime domain

GOAL 4: IMPROVEMENT OF KNOWLEDGE DELIVERY METHODS TO AUGMENT THE QUALITY OF MARITIME EDUCATION

(Since independence, the maritime education is offered as a skill training programme. AMET is the first University of Maritime Education in India. Hence it is necessary to introduce modern and diverse knowledge delivery system without compromising on instilling the skills required for maritime industry professional)

Strategic Plans and Action Plans for Goal 4:

Strategic Plans for Goal 4	Action Plans
Improving the teaching pedagogy and outcome assessment	Introduction, implementation and improvement of modern education systems such as Choice Based Credit System (CBCS), Outcome Based Education (OBE)

GOAL 5: MAXIMIZE THE POTENTIAL OF ALL STAKEHOLDERS THROUGH HOLISTIC DEVELOPMENT

Strategic Plans and Action Plans for Goal 5:

Strategic Plans for Goal 5	Action Plans
Improving the Student support activities	<p>Increase the number of scholarships/freeships to support the needed students</p> <p>To facilitate the students to get other scholarships provided by the Government and NGO</p>
Improving the student participation in Extension and Outreach Activities	Establishment of Cells and Centres to undertake various student participatory outreach and social service activities
Enhancing the connect with nearby community	Adopt the nearby villages and extend the outreach activities for the upliftment of the community
Collaboration with Stakeholders	Ensuring the involvement of all stakeholders in the University activities

THE STRENGTHS, WEAKNESSES, OPPORTUNITIES AND CHALLENGES (SWOC) OF THE UNIVERSITY

Strengths

- Academy of Maritime Education and Training (AMET) pioneered the HND program in Nautical Science and Marine Engineering in India, which became a resounding success, as the program paved the shortest possible way to become the finest mariner. AMET is the first Maritime University in India, established to promote post-graduate programs and research activities in marine and marine related subjects as well as in emerging areas of excellence.
- AMET's identity as a Maritime University of global excellence and its renown for maritime capacity building are adduced by significant enrolment of foreign students across ten nations.
- The stronghold of AMET University is its intellectual resource, which is its faculty with a wide range of industrial experience and also its state-of-art infrastructure, to name a few, Ship-in-Campus and Full Mission Ship Simulator.
- AMET has a significant identity as the only Maritime University in India to become a member of the International Association of Maritime Universities.
- The University's commitment in providing quality maritime education has been consistently acknowledged by the significant placement of its students, with major shipping companies, in various capacities.
- The University has been awarded Grade A1 (Outstanding) as per the comprehensive inspection programme guidelines of the Directorate General of Shipping and so certified by DNV-GL which is a Premier Certification Authority.

Weaknesses

- Most of the students of AMET University join companies' immediately after graduation because of International jobs and high salary in US dollars, the number of students opting for PG courses is less in number.
- As the students from the rural areas of our country and from African countries, have a fundamental inadequacy in English language and communication, it is difficult to the University to raise their immediate skills in these areas though the University is imparting soft skills training and spoken language training to such students.
- Though the scholarships are facilitated for girl students to study Marine Engineering and Nautical Sciences at UG level, the University is yet to achieve success in producing more number of qualified women maritime professionals.

Opportunities

- The University being a major contributor of quality human resource to the shipping industry takes cognizance of the continuous cycle of opportunities to train the students into an upward spiral of growth.
- The long term Memoranda of Understanding signed by the University with various shipping giants and ports will create a variety of placement opportunities for its students.
- The University being a leader in maritime education, training and development in India, has a leading edge to provide a significant identity to all its students in the maritime industry.
- Since the University is a one stop solution for marine and marine related services, the aspiring students approaching the University for enrolment are offered with an opportunity to pursue a course of their choice as per eligibility norms.
- The University has established marine related courses such as Naval Architecture, EEE Marine and petroleum engineering in UG levels, the women candidates are now coming up in marine related sectors such as ship designing, marine electrotechnical officers etc.

Challenges

- A lot of maritime institutions have started offering similar maritime courses without quality education and placements. Because of this, the aspiring candidates consider all the maritime institutions on par with each other. But AMET University offers world class maritime education together with a good placement record; it is a great challenge for the University to change the mind-set of these candidates.
- Moreover the perception among the general public about the maritime education and the subsequent job opportunities are less than that of other professional courses.
- The general public also has opinion that marine and maritime jobs are having life risk which hinders somehow the entry of more students
- The maritime industry is a niche industry and the cost of marine related accessories and software is too expensive and this escalates the investment budget for the University