



## YEARLY STATUS REPORT - 2021-2022

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	Academy of Maritime Education and Training Deemed to be University
• Name of the Head of the institution	Dr.V.Rajendran
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04427444629
• Mobile no	9994137373
• Registered e-mail	vc@ametuniv.ac.in
• Alternate e-mail address	vcvrajendran@gmail.com
• City/Town	Chennai
• State/UT	Tamilnadu
• Pin Code	603112
<b>2.Institutional status</b>	
• University	Private
• Type of Institution	Co-education
• Location	Rural

• Name of the IQAC Co-ordinator/Director	Dr.D.Arivazhagan
• Phone no./Alternate phone no	04427444625
• Mobile	9344354541
• IQAC e-mail address	iqac@ametuniv.ac.in
• Alternate Email address	prof.arivazhagan@ametuniv.ac.in
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.ametuniv.ac.in/iqac-aqar.html">https://www.ametuniv.ac.in/iqac-aqar.html</a>
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.ametuniv.ac.in/academic-calendar-archive.html">https://www.ametuniv.ac.in/academic-calendar-archive.html</a>

**5.Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B	2.42	2015	16/11/2015	15/11/2020
Cycle 2	A	3.13	2021	13/09/2021	12/09/2026

<b>6.Date of Establishment of IQAC</b>	13/05/2013
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**7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Dr. K. Komathy and Dr. Anita R Warriar	Visible light Photo catalysis assisted ballast water treatment and management against marine bio invasion	Department of Science and Technology (DST)	2019-2020, 24 Months	60.22 Lks
Academy of Maritime Education and Training Deemed to be University	Digital Poompohar, Network projects on Digital Reconstruction of Underwater Heritage site-Poompohar of interdisciplinary cyber physical system	Department of science and technology	2019-2020, 36 Months	75 Lks
Dr. T. Sasilatha	All India Council for Technical Education (AICTE)-Skill and personality development centre (SPDC)	All India Council for Technical Education(AICTE)	2018-2019, 36 Months	17.48 Lks

<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>
• Upload latest notification of formation of	<a href="#">View File</a>

IQAC		
<b>9.No. of IQAC meetings held during the year</b>	<b>12</b>	
<ul style="list-style-type: none"> <li>The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report)</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>(Please upload, minutes of meetings and action taken report)</li> </ul>	<a href="#">View File</a>	
<b>10.Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>	<b>30,000</b>	
<b>11.Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
Stimulated the Departments to provide more number of Value added courses to the students to have an edge in the placement. 31 Value added courses conducted by the Departments under various titles covering almost 97% of students.		
Encouraged the faculty members to publish more number of papers in indexed journals by providing incentives. 147 papers published in indexed journals		
Many training and orientation programmes conducted for non-teaching staff members to enrich their knowledge. 4 Orientation programme and 3 workshops have been conducted		
Encouraged the students to learn additional courses through SWAYAM portal. 78 students enrolled in the NPTEL portal.		
As a part of implementing NEP-2020, minor degree programme has been introduced. Minor Degree in Artificial Intelligence & Machine Learning and Data Science		
<b>12.Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>		

Plan of Action	Achievements/Outcomes
To conduct one sponsored programme	A NAAC sponsored National Conference conducted on Institutionalization of Quality Assurance Strategies by IQAC in Higher Education Institutions
To conduct Annual Academic and Administration Audit for all Departments by External experts	Conducted Annual Academic and Administration Audits through subject specific experts as Auditors to all 17 Departments. Based on the audit report the corrective action has been taken by the Departments.
Conduct workshop for non-teaching staff at regular interval	Conducted 3 workshops for non-teaching staff members
To conduct meeting for the stakeholders frequently	Conducted two meetings with each stakeholders to enhance the quality system
To get NBA accreditation for few Engineering Departments	B.E Electrical and Electronics Engineering, B.E Mechanical Engineering and Master of Business Administration in Shipping and Logistics programmes got NBA accreditation.
<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	
Name	Date of meeting(s)
Board of Management	12/10/2022
<b>14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?</b>	<b>Yes</b>
<b>15. Whether institutional data submitted to AISHE</b>	

Year	Date of Submission
2021-2022	18/01/2023

### 16. Multidisciplinary / interdisciplinary

In view of implementing National Education Policy (NEP) 2020, AMET University has initiated new interdisciplinary centres integrating different departments in addition to the existing inter/multidisciplinary research and academics. Academic programmes are redesigned to include Multidisciplinary / Interdisciplinary courses. Each department has "Add on" courses to attract students of other disciplines and departments as electives. All programmes are designed in such a way that students get maximum flexibility to choose elective courses offered by other Departments. The counts of Social sciences involve components covering different aspects that are part of core courses of more than one department. The Information Technology and Management programme has both IT and management courses, that are taught by IT and management Faculty to all other Departments Students. Similarly Hydrodynamics, Biochemistry, Offshore Engineering and Biotechnology for Engineers courses are taught by involvement of more than one Department. Common courses of allied programmes are taught through cafeteria approach. The university has the vision and mission to introduce more interdisciplinary programmes and programmes for industry connect in order to improve the skill and potential to students. The University is proactively working towards implementation of the suggestions given in the NEP

### 17. Academic bank of credits (ABC):

The presently offered programmes of the University has a definite credit requirement for course completion. There are core and elective courses in each programme creating flexible environment for the students to choose courses. In each semester, the student has the opportunity to choose the elective from the bank of credits offered by the university. Consequently elective courses are allotted to the student. The student has a fixed credit requirement for each semester but each student is given chance in subsequent semesters to earn the credit in case a definite level of credit, as fixed by the university, is not accrued by the student in the said semester. In order to facilitate a student in his academic progression in the programme, there is no mandatory credit requirement for a student to move to the next semester thereby providing the student chances to clear the previous course(s) in the subsequent semester(s). However, there is a definite credit requirement for each student to complete the programme. There are

also optional credit course offered by the university as "Add on" and Value Added" courses. A student has an array of options to choose and add Credit to his academic bank. Academic bank of credits (ABC) is one of the significant concept introduced by NEP 2020 for educational transparency and acquiring knowledge from the best Institutions across the country. In the process of implementing Academic Bank of Credits, as per the guidelines issued by the Ministry of Education, Government of India for the Universities Academic Bank of Credits is being implemented by the University from this Academic year 2021-2022. The registration process of students has been started. More than 80% of the students registered in Digi locker till date. The University has uploaded the Academic Awards in the NAD.

### **18.Skill development:**

AMET deemed to be University prioritizes the development of skills of the student through introducing industry needed skill development programme every semester. The courses are designed to blend the theoretical and practical components so as to give knowledge and skills to the students admitted to the programme. AMET also provides training for soft skills, life skills, values etc. Each Department conducts National and International Conferences to provide the current trends in the subject areas and requirement of skills in the industry. Further, the students of each programme are encouraged to undergo for internship and skill based training courses in the Industry. Project and dissertation are mandatory components to improve the skills of students. Each department offers "Value Added" and "Add On" courses, which are skill based. Such courses aim at providing opportunity for students to gain contemporary knowledge and skills.

### **19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

AMET encourages learning Hindi by providing one subject in PG programmes, organising various Programmes including value added courses, webinars and seminars on cultural heritage & law and celebration of Hindi Diwas. Subjects like Indian Tradition, Indian Constitution, Business Ethics, Professional Ethics and Essence of Indian Knowledge Tradition in the curriculum of various programmes inculcate cultural values in Indian tradition so that students imbibe value orientation. AMET also celebrates various cultural festivals like Pongal Celebrations- Both National and Regional festival, Onam Celebrations- Cultural festival of Kerala state, Ugadhi- New year for Andhra Pradesh, Telangana and Karnataka and Holi Celebrations for Northern States of India which has promoted

cultural integration and secular environment among student community. AMET provides platform for students to exhibit cultural, regional and social welfare events to bring out social responsibility and unity. AMET also conducted various programmes through online mode utilizing of computer tools for quizzes, essay writing, drawing and poem writing to impart knowledge on Indian systems.

#### **20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

Outcome Based Education (OBE) is an important demonstration Tool for student centered instruction that focuses on measuring student performance through outcomes. Quality assurance and improvement process is about determining whether the set educational objectives meet a general standard of quality. Emphasis of outcome-based education (OBE) system is on quantifying what the students are capable of doing and learning outcomes of the students is one of the key components. Course Outcomes (Cos) are the statements indicating knowledge and skills the student is expected to acquire at the end of a course. All courses are designed with outcomes centred on cognitive abilities namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. Program outcomes represent the knowledge, skills and attitudes the students should have at the end of program. Program outcomes (POs) can be directly measured through course outcomes. The outcome-based education model is based on defining various parameters called as Graduates Attributes (GAs). AMET University is committed to make the learning outcome based for larger interest of the students. Course objectives, learning outcomes in terms of Programme outcomes, programme specific outcomes, course outcomes are clearly mentioned in the syllabus and committed to be adhered in true spirit. The University is committed to a robust evaluation system so that the graduate attributes are best realised to apply the spirit of NEP 2020.

#### **21.Distance education/online education:**

Since pandemic period, educational institutions across the country have employed digital platforms for engaging classes, conducting conferences, meetings etc. Keeping aside the negative impact of lack of face to face learning, online education has broken the geographical barriers creating interaction of experts and students from distant locations. The online course contents were developed by faculty and delivered to the students. The university is in the process of developing and providing online courses as part of credit requirement of different programmes. Opening up of the educational institutions after pandemic has paved the way of adopting hybrid mode of education combining online and offline resources. This can



be considered as the new normal, which is envisaged in National Education Policy as well. Due to the experience gained during the closure period of Covid-19, access to online resources by educators and students will not be a constraint anymore. As a part of course curriculum, MOOC courses are offered to the students to promote the blended learning system. AMET University is also initiated the process (preparing learning materials, Video lectures etc., through its own facilities like Media Lab, Library and Educational Resource Material Centre (EMRDC)) to provide Open Distance Learning and Online Learning from the next academic year onwards by getting approval from the University Grants Commission (UGC).

### Extended Profile

#### 1.Programme

1.1 28

Number of programmes offered during the year:

File Description	Documents
Data Template	<a href="#">View File</a>

1.2 16

Number of departments offering academic programmes

#### 2.Student

2.1 2849

Number of students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.2 772

Number of outgoing / final year students during the year:

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 885

Number of students appeared in the University examination during

the year	
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
2.4	4
Number of revaluation applications during the year	
<b>3.Academic</b>	
3.1	654
Number of courses in all Programmes during the year	
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
3.2	247
Number of full time teachers during the year	
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
3.3	247
Number of sanctioned posts during the year	
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1	8353
Number of eligible applications received for admissions to all the Programmes during the year	
<b>File Description</b>	<b>Documents</b>
Data Template	<a href="#">View File</a>
4.2	586
Number of seats earmarked for reserved category as per GOI/ State	

Govt. rule during the year		
File Description	Documents	
Data Template	<a href="#">View File</a>	
4.3	128	
Total number of classrooms and seminar halls		
4.4	1318	
Total number of computers in the campus for academic purpose		
4.5	5647.57	
Total expenditure excluding salary during the year (INR in lakhs)		
<b>Part B</b>		
<b>CURRICULAR ASPECTS</b>		
<b>1.1 - Curriculum Design and Development</b>		
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University		
<p>AMET discourses are always Outcome Based Education (OBE) and Choice Based Credit System (CBCS). The University developed diverse programmes with a well-structured curricula reflecting the graduate attributes, Local/Regional/National and Global needs with all necessary fundamentals.</p> <p>University adopts the mechanism of collecting the industry needs through conferences and seminars frequently with industrial guests. Academic based Contributions from Stakeholders, Conferences, Advisory bodies like Department Advisory Committee, obligatory bodies like Board of Studies and International Peers helps to forecast, recognise and update various needs in the curricula and syllabi. University has a robust curriculum design and development process enable to realize its vision to empower learners with wholesome knowledge through progressive innovation in training, research and development which will render students a unique learning experience and impacts a transformation which will influence the Global Society.</p> <p>Committees such as Department Advisory Committee (DAC), Programme Assessment Committee (PAC), Implementation and Monitoring Committee</p>		

for OBE (IMCO), BoS and Academic Council monitor the implementation of OBE and report to the Board of Management (BOM).

The learning outcomes are analysed through direct and indirect assessments. The curricular gaps are filled by offering value added courses and skill development programmes to ensure that outcomes are attained impeccably and suitably.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 1.1.2 - Number of Programmes where syllabus revision was carried out during the year

28

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

#### 1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

654

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

497

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

28

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

**Response: Affirmative**

AMET follows an Integrated Curriculum Structure that associates different areas of study by cutting across technical boundaries and emphasizing unifying concepts. Socially relevant courses are offered in the areas of

- Gender Equality
- Pollution Control
- Environmental
- Safety
- Health
- Stress Management
- Indian Tradition
- Indian Constitution
- Business Ethics
- Professional Ethics
- Management
- Language and
- Disaster Management.

These features not only make learning more challenging but also help students develop their aptitudes to make significant influences by applying and transferring knowledge to real time issues.

Some of the courses in sample areas which integrates various cross cutting issues like

- Constitution of India (Course Code: UEMDC04)
- Indian Ethos and Business Ethics (Course Code: PEBS109),
- Ethics and Values (Course Code: UEMDC06)

- Professional Ethics and Human Values (UEMDC06)

are compulsory courses for all UG students. Gender courses like

- Gender sensitivity (Course Code: UEMDC03),
- Human Values courses like
- Ethics and Values (Course Code: UEMDC06),
- Essence of Indian Traditional Knowledge (Course Code: UEMDC06)

and Environment and sustainability like

- Marine Environmental Protection (Course Code: UEDME602),
- Environmental Science (Course Code: UEMDC02)

are offered for students. AMET also organizes various programmes to add passion to learning process like

- Value Added Courses
- Professional Ethics
- Yoga and Human Excellence
- Awareness Events on Energy Conservation
- Environment protection
- Waste Management and heritage sites maintenance are offered.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

31

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

#### 1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

2110

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**1.3.4 - Number of students undertaking field projects / research projects / internships during the year**

2835

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**1.4 - Feedback System**

**1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni**

- All 4 of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**1.4.2 - Feedback processes of the institution may be classified as follows**

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Demand Ratio**

**2.1.1.1 - Number of seats available during the year**

1148

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

**586**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

**Response: Affirmative**

The University assesses the learning levels of the students and organises special programmes for advanced and slow learners. At the commencement of every academic year, the University conducts the following programmes and assesses the newly joined students' learning levels

1. Psychometric Analysis
2. Fresher's Orientation Programme
3. Three Weeks Induction Programme
4. Bridge Course

**Programmes offered for the Advanced Learners**

1. Additional Credit Courses-MOOCs
2. Conference/Seminar Participations
3. Summer internships and special trainings
4. Student Project Funding to support the innovative projects



financially

5. Career Development Centre organises various promotional events for the career advancement of advanced learners

6. Institutional Innovation Cell and Incubation Cell

7. Advanced Learners are provided with many incentives

Programmes offered for the Slow Learners and others

1. Remedial classes and special coaching classes are organised

2. Bridge courses are organised to bridge the gap in fundamental subjects

3. Through soft skill training, professional development courses and spoken tutorial are organized slow learners are provided with additional care and support

4. Tutorial Classes are organised, the slow learners are adequately addressed for their needs.

5. Peer Learning is promoted

6. Slow learners are provided with opportunities to improve their performance in internal assessments by giving additional tests and assignments

7. Parent-Teacher Meetings are organized as part of the Green Card System

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link For Additional Information	<a href="https://www.ametuniv.ac.in/igac-agar-2021.html">https://www.ametuniv.ac.in/igac-agar-2021.html</a>

### 2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
2849	247

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

**Response: Affirmative**

The University is committed to provide student-centric methods for enhancing the learning experience with the following concepts:

1. Having a curriculum that makes students engage and become responsible
2. Choices are given to the students to choose their elective courses, valued-added programmes and add on courses such as MOOCs
3. The University provides freedom to students regarding the content and period of study
4. Student representatives are in academic level decision making bodies such as Board of Studies and Academic Council

Examples of student-centric methods followed in the University listed below:

#### Experiential learning

- Industrial visits, ship visits, field trips
- Flipped class activities
- Simulators, Business Labs and software are used in selected courses
- PT, Parade, Roll-Call, and watch keeping activities for Marine related programmes
- Most of the courses are designed with experiential learning aspects as a part of NEP implementation

#### Participative learning

- Mini Projects and Final Year Projects are given as group activities
- Quiz, Group Discussions, projects, Seminar and technical symposiums
- NPTEL and other MOOCs promote group learning
- Skill and professional development programmes, spoken tutorial

etc.,

**Problem-solving methodologies**

- Case studies are included in applicable courses
- Tutorial classes are organized
- Students are encouraged with financial support to take up practical challenges like IIC

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

**Response: Affirmative**

The University has modern ICT enabled tools to make teaching and learning process more effective. Teachers and students are using effectively the ICT tools.

Cells/Centre for effective implementation, monitoring and promotion of ICT enabled education

**ICT enabled education's tools and facilities**

- 1.Learning Management Systems: uLektz, MYCAMU with Mobile App
- 2.SMART, an in-house developed ERP System
- 3.Media Centre with audio-video recording facility, editing software and mixing equipments
- 4.Audio-Visual Room
- 5.Full Mission Ship Simulator (Deck and Engine Simulation)
6. Interactive White Boards, Smart Boards, LCD Projectors, Audio-Video equipments, computers/laptops
- 7.100% Wi-Fi enabled campus
- 8.Computer and Internet facility to all the faculty
- 9.Video Conferencing equipment
- 10.Facilities for Flipped Class activities
- 11.Digital Library Resources
- 12.Remote Access to Library Online Resources: INFED
- 13.Fully automated Dr VBS Rajan Library: RFID, Barcode, AUTOLIB, Web-OPAC
- 14.ICT enabled examination tools

**Innovative Teaching and Learning practices through ICT**

1.ICT is employed in Preparation of lesson plans 2.Delivery of course content 3.Online assignments, assessments, online test and online proctoring 4.Flipped Classroom activities 5.Virtual Classroom activities

Online resources-National Knowledge Network, SWAYAM PRABHA, ShodhGanga and e-shodhsindhu, etc.,

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.3.3 - Ratio of students to mentor for academic and other related issues during the year

#### 2.3.3.1 - Number of mentors

190

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Total Number of full time teachers against sanctioned posts during the year

247

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. during the year

104

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 2.4.3 - Total teaching experience of full time teachers in the same institution during the year

**2.4.3.1 - Total experience of full-time teachers**

1222

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year**

6

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year**

9

**2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year**

9

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year**

4

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

**Response: Affirmative**

AMET has ensured automation and IT integration in the examination procedures and processes such as

1. Conducting internal, end semester examinations and evaluation both offline and online  
2. Proctoring of offline and online examinations  
3. OMR answer scripts  
4. Online verification of Certificates (Direct Verify)  
5. Generating hall ticket, mark entry sheet and Grade report

AMET has exhibited its fullest potential by conducting entire examinations, evaluation and exam proctoring processes through online (CAMU and SMART ERP)

Reforms in the examination procedures and processes through IT Integration

Improvement in the conduct of examination and evaluation: Enhanced centralized seating arrangement to reduce malpractices.

2. Changes in instructional materials and methodology: Alternate study materials such as video lectures, additional web resources, multimedia presentations etc. and available on the website.

IT Integration in the Examination for PhD programme

1. NPTEL and other MOOC courses are accepted for Course Work Examinations

2. Publications requirement (at least two articles in SCOPUS indexed journals)

3. All DC Meetings, Pre-Ph.D. presentation and Viva Voce are also conducted online

4. Online Plagiarism Checking

5. Foreign Examiners in PhD evaluation are permitted to submit their adjudication reports online

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

<b>2.5.4 - Status of automation of Examination division along with approved Examination Manual</b>	<b>A. 100% automation of entire division &amp; implementation of Examination Management System (EMS)</b>
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File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

**Response: Affirmative**

- The graduate attributes of the Technological, Engineering and Management programmes are adopted from the Washington Accord and other programmes are in line with the Vision and Mission of the University.
- Graduate attributes, Learning Objectives (Programme Educational Objectives (PEO); Course Objectives) and Learning outcomes (Programme Outcome (PO), Programme Specific Outcome (PSO) and Course Outcome (CO)) are inculcated into the Curriculum of all programmes.
- The University ensures the stated learning outcomes which are integrated into the assessment process
- Suitable assessment methods both direct and indirect methods are employed to assess the learners level to attain the different set of outcomes.
- The outcomes are mapped for attainment of the same as per the identified schedule.
- The attainment of PO and PSO is measured through the CO

attainment and indirect tools such as student exit survey, employer survey and alumni survey

Outcome-based education (OBE) is widely publicized to the students through:

- University website
- Induction programme
- OBE explained to the students at the start of every semester by the respective course teachers
- The CBCS-OBE manual in the University website
- Students are also oriented towards OBE through the Mobile App and online resources of the LMS

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

**Response: Affirmative**

AMET ensures the evaluation of Attainment of COs, POs and PSOs by the following ways

- Curricula and Syllabi are designed, developed and modified based on assessment of learning outcomes
- Teaching-Learning processes are refined through feedback mechanisms
- Learning outcomes are continuously assessed through direct and indirect assessments
- AMET has formed committees like Programme Assessment Committee, Course Committee for the effective implementation and monitoring of outcome based education in the University.
- OBE features such as Attainment of Programme outcomes (PO), Programme specific outcomes (PSO) and Course Outcomes (CO) have been implemented in the following functional areas
  - Curriculum Design
  - Curriculum Delivery
  - AMET follows a 40:60 proportional of continuous internal and end semester examinations to assess the attainment level of various outcomes.
  - Both direct and indirect modes of outcome attainment are being



assessed for every course and are documented in Course File.

- All the outcomes (CO, PO, PSO) are mapped along with pre-defined weightages
- The attainment levels are computed, level of the performance evaluated and root causes are identified; in case outcome is not attained where corrective action plan suggested and implemented.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 2.6.3 - Number of students passed during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

772

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

<https://www.ametuniv.ac.in/igac-aqar-2021.html>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

#### Summary of updated Research Facilities:

1. Physical Facilities: Research facilities: 15; Total Laboratories: 82; Major equipment worth over Rs 1 lakh: 126; Simulators: 3; Research Centres with Government funded projects:1; Specialized Labs: 7

1. Research databases and software: Shodhganga; e-Shodhsindu,

Scopus, IEEE, EBSCO, ASME, J-GATE, PROQUEST; SPSS, URKUND, AIMA BizLab, CAMU, SMART ERP

### Research Promotion Policy

The Research Promotion Policy is uploaded in the portal (<https://www.ametuniv.ac.in/IQAC/Research-Promotion-Policy.pdf>).

1. Promotion of Academic Research offers Ph.D. Programmes; 65 Full Time Research Fellowships (Rs 15000 for all domains). Annual fee is waived off for fulltime PhD scholars and Faculty doing part time PhD in AMET.
2. Promotion of Sponsored Research:
  - University provides seed money worth of Rs 42.51 lakhs to Faculty members.
  - Revenue through Government projects: 24.948 Lakhs
  - Revenue through Non-Govt Sources: Rs. 25.23 Lakhs
1. Promotion of Innovation and Incubation: Innovation and entrepreneurship - 38; Faculty and students awards - 16.
2. Promotion of Extension Activities: AMET organized 19 extension activities through NCC, NSS, YRC.
3. Financial Support: University provides financial incentives worth of Rs 55 Lakhs to the researchers for publications, patents and IPR.
4. Published more than 126 research papers in Scopus, Web of Science and UGC CARE. 21 Books & Book Chapters published with ISBN and 14 Patents.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

42.51

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year**

12

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.1.5 - Institution has the following facilities to support research**  
**Central Instrumentation**  
**Centre Animal House/Green House Museum**  
**Media laboratory/Studios Business Lab**  
**Research/Statistical Databases Moot court**  
**Theatre Art Gallery**

A. Any 4 or more of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year**

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.2 - Resource Mobilization for Research**

**3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)**

25.23

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)**

24.948

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year**

45

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.3 - Innovation Ecosystem**

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

AMET Center for Entrepreneurship, Innovation and Incubation (ACEII) devised a system to guide and motivate the innovation and entrepreneurship among the members of the AMET including students, faculty, alumni, staff, and Research and Development partners through four units 1. Industry and Institution Collaborative Cell (IICC) 2. AMET Technology Business Incubator (ATBI) 3. Institution Innovation Council (IIC) 4. Entrepreneurship Development Cell (EDC)

These units support members of the AMET in creating business ventures that can translate technology and knowledge innovations to the societal benefits.

The activities of the ACEII were

- creating a collaborative environment between industry and institute through joint research projects and consultation projects
- Incubation of the early-stage technology based innovative entrepreneurial ventures
- Facilitate knowledge creation, innovation and entrepreneurship activities and events
- Facilitate professional resources network, which include mentors, experts, consultants and advisors for the incubator companies

AMET CEII has organized seminars, webinars and competitions to help the students to ideate, define, build business plan and pitch.

AMET CEII facilities for incubation:

- Fully furnished office space
- Computers with high-speed internet
- 
- Accounts auditing service
- Mentor
- IPR filling assist
- 
- Laboratories

An advisory board consisting of eminent academicians and expert professionals from diverse industries guide the students, researchers and incubates.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year**

38

**3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year**

38

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year**

**3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year**

16

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.4 - Research Publications and Awards**

**3.4.1 - The institution ensures implementation of its stated Code of Ethics for research**

**3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following**

- 1. Inclusion of research ethics in the research methodology course work**
- 2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)**
- 3. Plagiarism check**
- 4. Research Advisory Committee**

**A. All of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards  
Commendation and monetary incentive at a University function  
Commendation and medal at a University function  
Certificate of honor  
Announcement in the Newsletter / website**

**A. All of the above**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.4.3 - Number of Patents published/awarded during the year

#### 3.4.3.1 - Total number of Patents published/awarded year wise during the year

14

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.4.4 - Number of Ph.D's awarded per teacher during the year

#### 3.4.4.1 - How many Ph.D's are awarded during the year

20

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

223

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

#### 3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

21

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS**

**C. Any 3 of the above**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**

Scopus	Web of Science
<b>457</b>	<b>361</b>

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

**3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University**

Scopus	Web of Science
<b>11</b>	<b>10</b>

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.5 - Consultancy**



3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

**Response : Affirmative**

AMET has Consultancy Policy which is uploaded in the website. AMET encourages their faculties and students to undertake consultancy projects from other institutions and industries to strengthen the R&D based research projects. Therefore, AMET established a Consultancy Policy in 2017 to support their faculties.

**General Regulations:**

- Consultancy related assignments can be taken by the faculty members of the University
- The consultancy assignments are undertaken by the faculties with prior permission of University Authorities.
- University provides advance amount to undertake consultancy until the client releases the consultancy amount.
- AMET provides following types of Consultancy Services:
  1. Individual Consultancy: One Faculty involved in the use of resources.
  2. Departmental Consultancy: it requires departmental /inter departmentalexpertise which involves the use of University infrastructure / facilities.
- The revenue sharing for consultancy as per the policy are as under
  - First type: Principal investigator will get 30% amount and University will get 70% amount.
  - Second type: Institutional/Departmental Consultancy Principal investigator will get 40% amount and University will get 60% amount.
- Consultancy Revenue: Overall, Rs.353.315 lakh has been generated through consultancy and Rs.106 lakh has been provided to the faculty as the share of consultancy revenue with institutional expenses.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

#### 3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

87.07

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.6 - Extension Activities

#### 3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

- AMET takes top priority in social commitment. The crucial importance of social outreach services for holistic growth and integrated learning is highlighted by students and faculty orientation programs. The University encourages students to strive to introduce social values to society for ethical and moral practices.
- Departments/ Centres organize extension activities such as awareness events, Social services which has created positive impact in the neighbourhood community.
- Every year over 80% of the students participate in extension activities through various Cells/Centres/Department activities.
- University has adopted five villages in Chengalpattu District and engaged more than 800 students to organize various events to promote Unnat Bharath Abhiyan Scheme, Swachh Bharat, Swachta Pakwada etc.
- Faculty members are encouraged to attend NGO-organized workshops, lectures, and conferences and become more professional in implementing the university's extension activities.
- By generously contributing to the relief fund, the faculty and students respond with sensitivity to natural calamities and other problems.
- The extension activities are organized by the University to

improve the academic learning experiences of the students and reinforce moral, ethical values and skills.

- Some of the notable events promoted holistic development of students and caused a positive impact on society.
- AMET organized 71 extension activities through NCC, NSS and YRC.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year**

**3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year**

1

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)**

19

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year**

729

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 3.7 - Collaboration

**3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year**

**3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year**

103

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year**

8

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning, viz., classrooms, laboratories, computing equipment, etc.

**Response: Affirmative**

AMET has adequate facilities for teaching-learning. The University ensures facilities for all curricular, co-curricular and extra-curricular activities. Departments are fully equipped with necessary

infrastructure to meet ever increasing requirements and norms of regulatory bodies.

**Academic facilities- Class rooms:**

- All the 117 Class rooms and 11 Seminar halls have ICT facilities
- University has 119 Smart boards, 128 LCD Projectors, 132 Laptops and 3 LED TVs
- Two Well-equipped Conference Halls
- Educational Materials Resource Development Centre (EMRDC) is a Media Centre with video recording, audio video mixing and editing equipment and Premiere Pro software.

**Laboratory facilities:**

- 1232 Computers are available for Students academic purpose
- Student-computer ratio is 3:1 and 1: 1 ratio in the laboratories
- English language laboratory: 45 Computers with Clarity English Software and overall talk.
- AMET Centre for IELTS is a certified IELTS Registration Center of British Council of India, Gold member of British Council IELTS Partnership Programme. It has 41 computers with Author Plus and Clarity English Software.

**Computing equipment:**

- Two Common Computer Centres with 608 computers for the general needs of students
- Entire campus has high speed Internet connectivity through Wi-Fi and LAN.
- 1100 Mbps Bandwidth (Leased Line) of Internet facility through National Knowledge Network (NKN) is provided by BSNL (1GBPS) and TIC (100MBPS)

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

**Response: Affirmative**

### Sports and Games facilities

- Courts for Basketball-1, Kabaddi -2, Volleyball -3, Beach Volley ball-1, Hand Ball-1, Futsal-1
- Cricket Nets-2
- Multi-Purpose 200 Mtrs Mud Track / Cricket Field with Gallery
- Swimming Pool (1008 Sq.m) with Gallery; 6 lanes; 4 ladders; learner area (5 ft) and deep area (12 ft); Life Guards and Swimming Coaches.

### Sports and Games facilities: Indoor

- Table Tennis -6 units
- Badminton Court -1
- Chess -10 tables
- Carom-10 tables
- Snooker-1 table

Gymnasium- Three gyms (Gym I-760 Sq.mtrs; Gym II-1441 Sq.mtrs; Girls Gym-89 Sq.mtrs) with Treadmill, Elliptical Machine etc .

CENTRE FOR YOGA AND HUMAN EXCELLENCE: Has 1001.04 Sq.ft practice area with Certified Yoga Trainer. Offering Valued Added Courses in Yoga with "Vethathiri Maharishi Institute for Spiritual and Intuitional Education (VISION)". International Yoga Day observed every year; Yoga Training is mandatory in student induction programme.

### Facilities for Cultural Activities

- Separate Rehearsal room (Over 1000 Sq.ft ) fully air-conditioned and equipped with musical instruments. AMET has a unique Band Team.

Shri Janakiraman Auditorium (fully air conditioned with advanced audio-video equipment, stage, podium in 3788.9 Sq ft with 400 seating capacity)

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 4.1.3 - Availability of general campus facilities and overall ambience

- The Overall ambience and general campus facilities of AMET are ample and adequate to support the Teaching Learning, Research,

Extension, co-curricular and extracurricular activities, and requirement of visiting stake holders.

- Wi-Fi enabled Campus; Barrier Free. Campus has signage boards and seating arrangements. Manual assistance through Duty Officers and
- Campus is secured through CCTV and security On-Duty in all major facilities 24x7.
- Two generators of Capacity 600 KVA, 500 KVA for power back up 24x7.
- Lift Provision in all the blocks.
- Student Counselling Centre with full time student counsellor.
- AMET has separate hostel for boys and girls (Ganga, Yamuna, Saraswathi, Kaveri, Narmada, etc.) to accommodate more than 2900 students. Hostels are equipped with TV Halls, separate bath rooms and toilets, laundry facility, saloon, washing machines, recreational facilities, indoor games, access to sports and games, RO purified water etc.
- AMET has Common Rooms for boys and girls, day care centre, yoga centre, cafeteria (2), stationary shop, ATM, cultural club and other life style amenities.
- Guest House for Visitors and residential facilities for Staff are available.
- Health Care Centre with dispensary, sick-bay, two duty doctors and nurses, Ambulance available. MoU with Chettinad Speciality Hospitals for major medical emergency.
- Shri Janakiraman Auditorium, two Conference Halls with all major ICT facilities and Parade Ground as Open Theatre available to conduct indoor and outdoor events.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

2362.32

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

#### 4.2 - Library as a Learning Resource

#### 4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

AMET has adequate facilities for teaching-learning. The University ensures facilities for all curricular, co-curricular and extra-curricular activities. Departments are fully equipped with necessary infrastructure to meet ever increasing requirements and norms of regulatory bodies.

##### Academic facilities- Class rooms:

The University has 100% ICT (Smart board, Laptop, Projector, Audio-video recording system, Wi-Fi) enabled Classrooms with well-equipped laboratories and updated technological facilities.

- All the 117 Class rooms and 11 Seminar halls have ICT facilities
- University has 119 Smart boards, 128 LCD Projectors, 132 Laptops and 3 LED TVs
- Two Well-equipped Conference Halls
- Educational Materials Resource Development Centre (EMRDC) is a Media Centre with video recording, audio video mixing and editing equipment and Premiere Pro software.

##### Laboratory facilities:

- 1232 Computers are available for Students academic purpose
- Student-computer ratio is 3:1 and 1: 1 ratio in the laboratories
- English language laboratory: 45 Computers with Clarity English Software
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##### Computing equipment:

- Two Common Computer Centres with 608 computers for the general needs of students
- Entire campus has high speed Internet connectivity through Wi-Fi and LAN.
- 1100 Mbps Bandwidth of Internet facility through National Knowledge Network (NKN) is provided by BSNL and TIC



File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases</b>	
<b>A. Any 4 or all of the above</b>	
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)</b>	
<b>29.29</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>
<b>4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)</b>	
<b>1101</b>	
File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
<b>4.3 - IT Infrastructure</b>	
<b>4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year</b>	
<b>128</b>	
File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

**Response: Affirmative**

AMET has comprehensive IT policy for making appropriate budgetary provisions and updating the IT facilities. The IT Policy of AMET covers the following functional aspects.

1. Information and Communication Technologies -ICT
2. Hardware and Hardware Resources
3. Software Resources
4. Access Procedures
5. Policy and Procedures
6. E-Waste Management

**Salient Features of the IT Policy:**

1. Governance of computing and networking resources
2. Standard procedures for purchase of software and hardware (Technical Committee and Purchase Committee)
3. Accessibility control of IT resources
4. Monitoring of all computing and networking resources
5. Adherence to the policy during purchase itself

**Notable Networking Infrastructure**

- 1700 LAN nodes
- Wi-Fi Networks: 100% campus and hostels covered; 285 access points
- Biometric systems-17 ; Face recognition
- 1100 MbPS High Speed internet connectivity through BSNL (1000 MbPS), TIC (100 MbPS) via National Knowledge Network

**Software Resources**

1. Design Software like Tribon, Mike21, STAAD Pro, Siemens STAR CCM+,
2. Development Software like C, C++
3. Analytical Software like SPSS, Urkund plagiarism detection software
4. ERP-SMART, CAMU
5. LMS- uLektz and MYCAMU

Implementation of Systems and procedures through formal committees/ cells/ centres

1. Centre for ICT Enabled Education
2. Centre for E Governance
3. Educational Materials Resource Development Centre-Media Centre
4. Department of Information Technology

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
<b>2849</b>	<b>1132</b>

#### 4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- ?1 GBPS

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

#### 4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

- A. All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Upload the data template	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

**2484.54**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

- AMET has effective systems and procedures for maintaining and utilizing physical, academic and support facilities. AMET has a separate Maintenance Department operated by an Assistant Registrar, has functional units such as House Keeping, Electrical, Plumbing, Carpentry, Civil Works, Gardening etc. Supervisors for every functional units are available.
- The Maintenance Department-Purchase Department-Office of the Registrar-Accounts and Finance work in a coordinated manner to complete every repair, maintenance or purchase work engaged through identified and approved vendors from whom invoices are received based on which purchase order or work order raised. After certification of completion of work or purchase from the Department concerned, payments are made to vendors.
- AMET has Quality Management System (QMS) where Quality Procedure are described for every functional aspects under the requirements of ISO 9001: 2015 standards. Wherever needed, IQAC also develops forms and procedures to implement and sustain the quality in all areas. Two internal audits and Inventory audits are conducted annually to ensure the effectiveness of the process

The Planning and Monitoring Board of the University periodically meets to assess the creation, maintenance and utilization of physical, academic and support facilities. Due approval is granted by the Finance Committee and the Board of Management for the Page 38/62 13-09-2022 04:29:29 Annual Quality Assurance Report of ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) DEEMED TO BE UNIVERSITY recommendation of Planning and Monitoring Board. The Civil and Maintenance Department executes the work.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

**5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the**

**students receiving scholarships under the government schemes for reserved categories)**

2120

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year**

2555

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology**

**A. All of the above**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**• All of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

#### 5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

7

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 5.2.2 - Total number of placement of outgoing students during the year

632

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

39

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 5.3 - Student Participation and Activities

### 5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

80

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

AMET has a Student Council with selected students representing each of the programs and years of study with due representation to the Girl Students.

The Student Council elects its Office Bearers once a year and conducts meetings as and when required besides one General Body Meeting once in a semester. The Student Council conducts various cultural, sports and other events to bring the individual and innate talent of the students, organizes fairs, exhibitions and shows which are entirely administered by the students and helps the University in curbing ragging by providing volunteers in the Anti-Ragging Campaign.

AMET Co-jointly works with the Mess Committee and other student-related committees to bring a student-friendly atmosphere. Other committees that have student Representation

1. As a part of Outcome-Based Education, all the programs have Class Committees which are represented by students from the slow and advanced learner categories along with Faculty Members and HoD.
2. IQAC a quality driving force of the University has student representatives.
3. The Placement Committee has student representatives, thereby the views of the student community are ensured in the Placement & Career-related activities.
4. The advisory bodies such as Hostel Management Committee, Student Welfare Committee, Grievance Redressal Cell etc., have student representations.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year**

48

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**5.4 - Alumni Engagement**

5.4.1 - The Alumni Association/Chapters (registered and functional)contributes significantly to the development of the institution through financial and other support services during the year

AMET Alumni Association (AAA) has been functioning since 2011(Ref No 135/2015). AMET with 28 years of existence, has good strength of 12220 alumni till date. The Alumni association has chapters in Dubai, and Singapore in addition to the Indian Chapter. AMET has a good tradition of inviting luminary alumni for various functions organized at AMET as chief guests and they are honoured suitably. In all such occasions, the alumni relationships are strengthened which helps the placement of students in shipping companies.

**Financial Support:** The Entrepreneurship Development Cell (EDC) is sponsored by AMET Alumni Association Earn While You Learn is a flagship program by the AAA in which students from low-income families are supported with a monthly stipend in the equation to their work to assist various works at the University such as Library Stacking, Green House Maintenance, Paper Recycling, and Documentation of Student Events etc. AAA has altogether contributed financially more than Rs. 9 lakhs for the financial year 2021-22.

**Other Supports:** AMET-Waves is the Newsletter from the AMET Alumni Association (AAA). AAA also conducts Alumni meetings, Social events, Alumni guest lectures and support for internships and placements. The Alumni network supports the students in project work, higher studies, competitive exams, resource persons for seminars/workshops/ etc.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year**

A. ? 5Lakhs



(INR in Lakhs)

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

**Response: Affirmative**

AMET, a Maritime sector specific University and an International Maritime Knowledge hub aims to fulfill the dreams of young minds on Contemporary fields of maritime and allied domains. The Vision, Mission and Quality Objectives of the University are designed to implement all its Academic, Research and Outreach activities with appropriate benchmarking.

Academic system of AMET is governed by the Board of Management, Vice Chancellor, Deans, School Chair Persons, Head of the Departments to handle the Academic affairs and attain the Vision and Mission of the institution the Board of Management, Vice Chancellor, Registrar, Joint Registrar, Finance Controller, Controller of Examinations and Directors frame the Administrative policies related to the Strategic Plans, Research, Human Resource Development, Financial Aspects, Rules & Regulations, Planning & Execution and Students Welfare activities. Policy statements are well written, made public and transparency in governance is ensured.

Board of Management, Academic Council, Planning and Monitoring Board, Finance Committee, etc., are functioning as per the guidelines of the Statutory bodies and translating the AMET Vision and Mission into Administrative functions.

Academic Committee such as Board of Studies, Department Advisory Committee, Programme Advisory Committee, Class Committee etc., ensure the effective implementation and monitoring of Vision and Mission.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

6.1.2 - The effective leadership is reflected in various institutional practices such as decentralization and participative management

**Response: Affirmative**

AMET exhibits effective leadership at all levels through decentralization and participative management in all its practices.

**Decentralization:**

AMET follows Decentralization to develop and enhance leadership qualities among Academic and Administrative Heads and Functionaries of the University. The Power and Responsibilities of AMET shared by the Board of Management, Vice Chancellor, Academic Council, Planning and Monitoring Board, Finance Committee, School Chair Persons, Controller of Examinations, Deans, HoDs, Directors and Coordinators. Roles and responsibilities distributed based on the Hierarchy as reflected in the organogram of the University. To focus on sustainable improvement, AMET follows separate policies for each functional aspects and other policies to govern the institutional practices. Every Policy has separate form and procedure to enable effective leadership at all levels.

**Participative Management Practices:**

AMET promotes Participative Management at various levels to ensure equity and inclusiveness of practices. Stakeholders are allowed to take part in Decision Making process based on their capacity. Participative Management is effectively implemented in all Decision Making processes. AMET incorporates the valuable suggestions of the Teaching and Non-Teaching Staff, Cadets/Students, Alumni, Parents, Industry people in its Decision Making process. Directors, Deans and HoDs convene Departmental meetings regularly to discuss Academic, Administrative, Infrastructure, Hostel matters and other issues.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

**Response: Affirmative**

AMET is progressively marching towards getting established 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. AMET drives to provide a quality maritime and associated professional education and acquire the stature as one of the top-ranking maritime universities. AMET Enhances the Interaction with stakeholders and Generate Revenue through Research, Consultancy and Collaborative initiatives by identifying and improvising the various avenues and boosted the interaction with Alumni.

AMET has Strategic Planning, Steering Committee, Institutional Planning and Monitoring Committee to monitor the progress of Vision 2025. The priorities outlined in the Vision 2025 plan would help the University to achieve excellence in all facets of higher education such as to receive and sustain the highest ranks and recognitions in all applicable accreditation and ranking frameworks such as NAAC, NBA, CIP of DGS, PIMET Ranking by IAMU and NIRF, etc. Strategic Plan Goals such as 'A' Grade from NAAC and NBA Accreditation were obtained for two under graduate and one post graduate courses offered in AMET.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

**Response: Affirmative**

The Management, administrative and executive authorities and committees like Board of Management, Academic Council, and Vice Chancellorship are formed and practiced as per the requirements of the Statutory and Regulatory bodies such as the MHRD, AICTE, UGC, DGS etc.

The University committed to follow the participatory governance to implement and upkeep new and existing systems, Strategic Planning Steering Committee Institutional Strategic planning and Monitoring Committee to achieve the Strategic Plan; Internal Quality Assurance Cell (IQAC) to assure the quality initiatives; Planning and Monitoring Board to monitor and development of the functionaries of the university; Finance Committee to examine the books of accounts statements, budgets and periodical reports etc.; Management Review Committee to monitor and review the implementation of various

developmental programmes and Board of Management to plan, implement, monitor and institutionalize the developmental programmes in all facets. The University Memorandum of Association defines the roles and responsibilities of all Leadership Authorities, and Academic and Administrative Bodies. The Service Rules of the University also define the roles and responsibilities of the University Faculty, Staff and Students. These documents are uploaded in the University website.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### 6.2.3 - Institution Implements e-governance in its areas of operations

**6.2.3.1 - e-governance is implemented covering following areas of operation**

A. All of the above

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

**Response: Affirmative**

University has defined policies for the appointment and promotion of teaching and non-teaching staff in accordance with respective guidelines of the UGC. For teaching faculty, appraisal is assessed through student feedback, key performance indicators based on the Performance Based Appraisal System (PBAS) of the UGC. Career Advancement Schemes to select eligible Faculty for promotion to the next level as per UGC PBAS linked with API. For Non-teaching staff members, Self-appraisal forms obtained from eligible staff; Personal and confidential remarks from the Heads of the section are taken and A selection committee comprising of internal members review the submissions and recommend eligible non-teaching staff for promotion

and salary increment.

Faculty welfare measures such as Free Transportation, Food at subsidized rate, Free refreshments, Free Uniform for Support Staff, Incentives for faculty empowerment strategies, Incentive for Article Publication, Conference Registration Fee, Staff Family Tour, Medical Camp, On Duty for Research & Academic Activity, Provident Fund, Health Centre, Vehicle Loan, Over time Allowance, Pongal & Ayudha Pooja Gift, Health Insurance, Festival Advance, Education loan for Staff Pursuing Higher Studies, Personal Loan, Maternity Leave, Paternity Leave, Leave Facility, Reimbursement of membership fees of professional bodies, Fee concession for Staff children, Deceased Employees Wards are provided.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year**

235

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year**

32

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)**

52

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

### 6.4.1 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

**Response: Affirmative**

AMET mobilizes funds through Tuition Fee from Students; Funds and Grants from Government and Non-Government Agencies for Research Projects; Funds and Grants from Industries for sponsored projects; Consultancy income from Industry and other organization and Corporate Training -OPRC, GMDSS, Post Sea Modular Courses. AMET has adequate funds which makes it financially viable. Budget requirements of every department is obtained annually based on which overall budget is prepared annually, department wise allocations made and approvals are obtained from the Finance Committee and Board of Management.

Fund is allocated, expenses are made as per norms, and purchases are made transparently through Technical Committee and Purchase Committee. The accounts of the University are maintained in the name of AMET. Statement of Accounts of AMET is prepared, audited and published annually. Both internal and external financial audits are conducted. Statement of Accounts of AMET submitted to the University Grants Commission. Audited account statements are displayed in the website of the Institution. Process of Utilization of Funds started with allocation from Management to University. Department Heads / Section-in-charges are intimated of the extent of funds allocated against their budget proposals. Major works are controlled directly by the Finance Controller. Actions for procurement are initiated from the respective departments through Purchase Department and the funds are released on a case to case basis by the Finance and Accounts section of the University after obtaining approval from the Management.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)**

0

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)**

0

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**6.4.4 - Institution conducts internal and external financial audits regularly**

**Response: Affirmative**

AMET follows transparency in financial aspects. Finance Committee is the decision making body and Finance Controller is implementing the financial decisions. Multistage verification and transparency is followed. The Finance Controller conducts Finance Committee Meeting, Internal and external financial audits. AMET Conducts Two Internal Audits (May and October every year) and one External Financial Audit by Chartered Accountants for each financial year as per requirements. Internal Auditors validate and verify supporting documents of Deposit receipts, Loans and Liability, Asset Purchase, payment of Statutory dues and budget and actual comparison to prepare statements and communicate major observations and recommendations to the management.

The Finance Controller will prepare draft report to management and place reports and statements in the Finance Committee. Budget and Actuals, Revenue and Expenditure, Statutory Compliances in accordance with Standards, Loans and Liabilities as per given statements, Assets purchased during the Audit periods and Review of periodical reports are the key areas of External Audit to verify the documents.



External audit team visits AMET to verify the transactions with the supporting documents. It takes almost a month to complete the audit work and preparation of statements of accounts that are submitted to the Statutory Bodies and displayed publicly in the website to maintain the transparency.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

AMET IQAC functions in close coordination with AMET- NAAC steering committee, Quality Management System and other bodies of the institution like academic council etc. Since, quality enhancement is a continuous process, and the IQAC has become a part of the institution's system which works towards the realization of the goals of quality enhancement and sustenance. As per the NAAC guidelines, AMET- IQAC is well represented by all the stakeholders such as eminent academicians, faculty, administrative, technical staff, students, management representatives, alumni, other stakeholders, community representatives, and employers , industrialists. IQAC conducts regularly, faculty development programmes, conferences, workshops on quality initiatives. In addition to that IQAC conducts the academic audit every year with external experts. IQAC meets stakeholders frequently and the representations of the stakeholders are discussed in the Executive committee of the IQAC and the quality initiatives are implemented with the involvement of various cells and centres of AMET.

IQAC conducts an academic audit by a Committee of Experts where all the departments have been audited by a subject experts with high academic repute and exposure from the premier educational institutions. The process of academic audit starts by the field expert scrutinizing the individual department profile. The relevant parameters are reviewed and inspected thoroughly. The audit findings are reported in detailed. Based on the audit the concerned department prepares an action plan to comply with the audit findings and a follow-up action planned and executed, the same is reviewed in the next academic year.



File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

**A. Any 5 or all of the above**

File Description	Documents
Upload the data template	<a href="#">View File</a>
Upload relevant supporting document	<a href="#">View File</a>

**6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)**

**1. Innovation in Teaching Methods and Quality**

- o 100% of the programmes in CBCS
- o 100% of the classrooms are ICT enabled
- o Faculty -Student Ratio - 1:15
- o Mentor Mentee ratio -1:20

**2. Operational Quality**

- o Automated Office procedures withERP system
- o Automated Examination Management System
- o Learning Management Systems- uLektz and MYCAMU

**3. Research Quality**

- o 126 equipment worth over Rs 1 lakh have been funded; 82 labs upgraded; 2 research centres established; 7 specialized labs created
- o Digital resources -SCOPUS,EBSCO, etc,
- o Software -SPSS, URKUND etc have been subscribed/purchased
- o The Number of quality publications increased
  - h index - 35
  - number of citations - 8751
  - 9 Government ongoing Projects and Rs. 1,48,26,982

received in last 3 years

- AMET recognized as SIRO by the DSIR, Government of India
  - Faculty with PhD - 104
  - PhD awarded - 20 in 2021-22

#### 4. Overall Quality Ranking

- AMET has ranked one among top 3 Maritime Universities in PIMET Ranking by IAMU-Japan, 250-300 Ranking Band in Engineering category of NIRF 2021
- ARIIA Ranking Performance Ranking Band

#### 1. Improvement in other quality areas

- Industry interaction enhanced by industry funded projects, internships , projects through MoU, industry representatives in Academic Council, Board of Studies and IQAC

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

### INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

**Response: Affirmative**

AMET undertake notable measures for the promotion of Gender Equity:

- As per UGC Guidelines, AMET has formed Gender Champions.
- Gender Sensitisation Cell creates awareness among Stakeholders through programmes and activities.
- "Gender Sensitization" (Code-UDGSC01) course is mandatory for UG students; Conducted in collaboration with AWARE Trust
- Gender Sensitisation Advisory Committee has the representation of HoDs, Faculty and Students, provides a necessary action plan for the Gender Sensitisation Cell and reviews its annual activity.
- AMET ensures Gender Equity by giving equal importance to women in all key positions. Celebration of International Women's Day. Programmes regarding women's health and hygiene are organised.
- Single Girl Child Scholarship and scholarships for Girl

students to study Marine. Lady Medical Officer

- Different events (13 events) on Gender Sensitivity and Gender Equity were conducted. AMET ensures facilities for the safety and security of women and others

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Annual gender sensitization action plan(s)	<a href="https://www.ametuniv.ac.in/igac-agar-2021.html">https://www.ametuniv.ac.in/igac-agar-2021.html</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	<a href="https://www.ametuniv.ac.in/igac-agar-2021.html">https://www.ametuniv.ac.in/igac-agar-2021.html</a>

<b>7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment</b>	<b>A. Any 4 or All of the above</b>
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File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

**Response:**

**Solid waste management**

- Biogas plant with 50Kg digester unit
- Three Units of Biocomposter Pits in collaboration with AADIA for Composting
- AMET has agreement with ITC India for recycling of waste papers

**Liquid Waste Management**

- AMET has Fluidized Bed Bioreactor (FBBR) type Sewage Treatment Plant (STP)
- STP is operated and maintained by consultant (AIMS O&M Services) with three technicians on shift

#### Biomedical Waste Management

1. No biomedical implants or human or animal body parts are handled for any training or research purposes.
2. However, other related wastes such as masks used during COVID-19 pandemic period are discarded through biomedical incinerators.

#### E-waste Management

The E-waste of the University are collected and checked for its life span, service due; after reviewing product usability, they are stored in E-waste storage place and are sent for recycling with authorized vendors for recycling purposes.

#### Waste recycling system

1. Biogas unit converts cooked food into biogas; remaining are disposed by authorized vendors.
2. Waste Water treated in STP

#### Hazardous chemicals and radioactive waste management

1. AMET is not handling any radioactive materials for teaching or research purposes
2. Few departments use optimal amounts of corrosive and toxic chemicals which are discarded as per standards.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

**A. Any 4 or All of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

**7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:**

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

**A. Any 4 or all of the above**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons**

**A. Any 4 or all of the above**

**with disabilities: accessible website, screen-reading software, mechanized equipment, etc.**  
**Provision for enquiry and information:**  
**Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.**

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

**Response:**

- Maritime domain and Shipping industry is globalized industry, which engages multicultural work environment.
- AMET has a very diverse range of students and staff from all over the country
- Equal Opportunity Cell and SC/ST Cell to provide guidance and orientation to students of various sectors
- AICTE approved Skill and Personality Development Programme Centre (SPDC) with a financial grant of Rs.17.48 lakhs is providing skill development training to SC/ST students
- AMET on its own and in association with social service organizations like NAESEY, established scholarships worth Rs. 5,00,000/- for a year for the students from various socio-economic backgrounds
- AMET promotes well-being of fishermen community through various extension, social service and philanthropic activities.
- AMET identifies economically weaker students under Earn While You Learn Scheme where they work and earn after class hours at Library, Herbal Garden, and Paper Recycle Unit etc.
- AMET is organizing various events and festivals for ensuring an inclusive environment to promote Tolerance and Harmony towards Cultural, Regional, Linguistic, Communal, Socio-economic and such other diversities.
- AMET provides platform for students to exhibit cultural, regional and social welfare events to bring out social responsibility and unity.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

- 
- Apart from regular teaching learning process, AMET pays emphasis on imparting basic rights, values, duties and responsibilities. It enriches the patriotism and makes them aware of their basic duties and rights as proud citizens of India.
- AMET Band consisting of a troop of Cadets who are good at playing musical instruments for Parade, Muster, honour our National Flag on every Sunrise and sunset. This is part of their residential training including Guard of Honour for guests.
- Course on Essence of Indian Traditional Knowledge, Indian Constitution, professional Ethics and Human Values and Environmental Science are compulsory for UG students
- Keeping all this in mind, AMET organizes awareness programmes for students and staff throughout the year to understand their constitutional obligations.
- Events like Right to vote campaign, Swachh Bharath Campaign and Green India Initiatives are conducted to impart moral duties and to make them feel that they are saviors of the Nation.

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized**

All of the above

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

AMET takes initiatives in remembering many National and International commemorative days to impart the values of humanity. Notable days and events are periodically observed inside the campus and outside the campus by AMET students. Based upon the nature of the programme, local school students and local community people were also involved. Course on Indian Traditional Knowledge Systems, Indian Constitution, Professional Ethics and Human Values, Environmental Science are compulsory for UG students. AMET has named its Academic and Administrative Blocks in the Names of National Leaders and named hostels with the names of rivers flowing throughout India such as Kaveri, Ganga, Yamuna, Saraswathi, Narmada

National Level Commemorative days observed in the University

- Kargil Vijay Diwas
- National Unity Day (Rashtriya Ekta Diwas)
- Gandhi Jayanthi
- National Science Day
- Teachers Day
- National Maritime Day
- Navy Day
- Mother Language Day
- Jallianwala Bagh Massacre Day
- Engineers Day

Celebration of Birthdays of National Leaders like

- Mahathma Gandhi
- Swami Vivekanandar
- Sardar Vallabai Patel
- Subramania Bharathiyar
- Jawaharlal Nehru
- Bhagat Singh
- Dr BR Ambedkar
- Bharath Ratna Atal Bihari Vajpayee
- Bharath Ratna Dr Abdul Kalam



Celebration of Cultural Festivals like Pongal, Onam, Ugadhi, Holi etc

- Biodiversity Day
- International Coastal Clean Up Day
- UNO Day
- UNESCO Literacy Day
- International Mother Language Day

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>

## 7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

**Name: Connecting and Contributing to Fishermen Community**

**Objective:**

To enhance the fishermen's community's contribution to the shipping industry and generate interest among the children to pursue maritime education

**The Context**

AMET is committed to transform the livelihood of fishermen community with following activities.

- Equip fishermen community through Extension Activities
- Empower fishermen youth to have maritime education and get jobs in shipping industry

**The Practice**

- AMET organizes average 10 extension and community outreach activities in each of the five adopted coastal villages to create awareness on latest technology, energy conservation etc
- AMET is providing scholarships and fee concession for fishermen students
- AMET is organizing technical training, workshops and certificate course in fisheries technology to empower them with alternate revenue generation activities

### Evidence of Success

- Fishermen Scholarships at AMET has enhanced number of students from fishermen community from 10 to 172 in last five years.
- More than 500 youths from fisherman community completed training/certificate courses
- Fishermen Welfare Minister of Tamil Nadu appreciated University and distributed Fisherman Scholarship worth of Rs.60 lakhs for 167 AMET students (12-05-2022)

### Problems Encountered and Resources Required

- Getting enough participants for professional training due to the job nature of fishermen

## 7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

The Maritime and Marine related degree programmes as well as allied degree programmes are also offered in few other premier institutions of India separately through specialized Centre's. However, AMET is the only educational Institute in India to offer maritime and allied degree and doctoral programmes under one roof.

- The unique nature of the programmes and studies in the University causes distinctive workforce, activities and student genre. Originally, maritime domain was conceived as a skill based domain in India. Only the Training Ships and specialized Institutions were offering time bound training to produce manpower for shipping and allied industry.
- AMET is pioneer in introducing Doctoral programmes in unique areas such as Marine Engineering, Nautical Science, Harbour Engineering, Naval Architecture, Shipping and Logistics etc.

Having realized the distinctiveness in the maritime domain, during October 2019, AP Moller

Maersk (world shipping giant owning over 780 ships) has signed a MOU with the University and laid the foundation stone to establish AP Moller Maersk-AMET Centre of Excellence, for the first time in the world.

### 7.3.2 - Plan of action for the next academic year

Internal Quality Assurance Cell (IQAC) AMET future plans for the academic year 2022-23

- To get NAAC Accreditation with A++ Grade which will facilitate AMET to start Off Campuses and Offshore Campuses
- AMET is progressively marching towards getting established as an International Maritime Knowledge Hub by expanding its all-academic, research, and outreach activities in the chosen fields
- To attract highly qualified and experienced personnel for faculty positions for imparting quality education and skills and motivating them to do research with excellent financial compensation in a congenial working environment
- To enhance laboratory facilities with state-of-the-art equipment and advanced technological tools for teaching and research purposes
- To reach out to industries, research laboratories, and academic institutions around the world for collaboration and joint research programs for identifying and finding solutions to technical and technological problems and
- To reach out to the community through various programs for awareness, involvement, and participation to usher in a better society