



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	Academy of Maritime Education Training Deemed to be University
• Name of the Head of the institution	Dr. G. Thiruvagasam
• Designation	Vice Chancellor
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	04427444631
• Mobile no	9566112211
• Registered e-mail	vc@ametuniv.ac.in
• Alternate e-mail address	vasagam51@gmail.com
• City/Town	Chennai
• State/UT	Tamilnadu
• Pin Code	603112
<b>2.Institutional status</b>	
• University	Deemed
• Type of Institution	Co-education
• Location	Rural

• Name of the IQAC Co-ordinator/Director	<b>Dr.D.Arivazhagan</b>
• Phone no./Alternate phone no	<b>04427444625</b>
• Mobile	<b>9344354541</b>
• IQAC e-mail address	<b>iqac@ametuniv.ac.in</b>
• Alternate Email address	<b>prof.arivazhagan@ametuniv.ac.in</b>
<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>	<b>Yes</b>
• if yes, whether it is uploaded in the Institutional website Web link:	

### 5.Accreditation Details

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

### 6.Date of Establishment of IQAC

**13/05/2013**

### 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
<b>Dr Anita R Warriar</b>	<b>Design and Development of 2-D SnS based nanost ructurescoupled with Plasmonic Sn nanosheets for Supercap acitor Applications</b>	<b>Department of Science and Technology (DST)</b>	<b>2019-2020, 12 Months</b>	<b>15 Lks</b>
<b>Dr. K. Komathy and</b>	<b>Visible light Photoc</b>	<b>Department of Science</b>	<b>2019-2020, 24 Months</b>	<b>60.22 Lks</b>

Dr. Anita R Warriier	atalysis assisted ballast water treatment and management against marine bio invasion	and Technology (DST)		
Academy of Maritime Deemed to be University	Digital Poompuhar, Network projects on Digital Reco nstruction of Underwater Heritage sit e-Poompuhar of interdisc iplinary cyber physical system	Department of science and technology	2019-2020, 36 Months	75 Lks
Dr. T. Sasilatha	All India Council for Technical Education (AICTE)-Skil l and personality development centre (SPDC)	All India Council for Technical Ed ucation(AICT E)	2018-2019, 36 Months	17.48 Lks

<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>	Yes
<ul style="list-style-type: none"> <li>• Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>
<b>9.No. of IQAC meetings held during the year</b>	12

<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>	<p><b>Yes</b></p>	
<ul style="list-style-type: none"> <li>(Please upload, minutes of meetings and action taken report)</li> </ul>	<p>No File Uploaded</p>	
<p><b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b></p>	<p><b>No</b></p>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<p><b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b></p>		
<p>Conducted 3 FDP on Outcome based Education for strengthening of CBCS and OBE model in design, delivery and assessment activities</p>		
<p>Established 6 Startups through Incubation Cell and many extension activities conducted during pandemic period to help the neediest</p>		
<p>Conducted Annual Academic and Administration Audits through subject specific experts as Auditors to each Department</p>		
<p>Encouraged the faculty members to publish papers in SCOPUS and Web of Science Journals. Encouraged the students to do internship either in the industry or home based. 71% of the total students taken internship very seriously and submitted the Reports.</p>		
<p>IQAC met the stakeholders to discuss the quality initiatives to be implemented. Due to this discussion Media Laboratory, Green campus area and students service activities improved</p>		
<p><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></p>		

Plan of Action	Achievements/Outcomes
<p>Enhancing the digital resources for Improvement in teaching learning process methodology during pandemic period</p>	<p>The IQAC has monitored the effective usage of ICT tools for teaching learning process using Various tools such as MYCAMU online for teaching and Evaluation, google meet, Zoom and Microsoft team, etc.,</p>
<p>To implement and monitor the Outcome Based Education and CBSE based curriculum</p>	<p>CBCS and Outcome Based Education Curriculum is implemented through Board of studies by all the schools</p>
<p>IQAC has planned to conduct quality enhancement based workshops and orientation programmes for faculty members</p>	<p>IQAC has conducted 10 Events such as workshops and orientation programmes in quality enhancement areas</p>
<p>Spearheading the preparative works for the NAAC Re-Accreditation, NBA, CIP, PIMET, DGS, NIRF, ARIIA, Swachata Ranking etc</p>	<p>Achieved Scoring NAAC</p>
<p>IQAC planned to conduct meeting for the stakeholders frequently</p>	<p>IQAC has conducted 12 stakeholders meetings discussed the quality initiatives are implemented with the involvement of various Cells and Centres of AMET</p>
<p>IQAC has planned to effective conduction and monitoring of mentor mentee</p>	<p>Director student support has been appointed and the mentor mentee was effectively conducted has per the framed guidelines</p>
<p>Mandate internship programme for all years of studies has proposed</p>	<p>Mandate internship is implemented and due to pandemic home based internship is also promoted and appreciated</p>
<p><b>13. Whether the AQAR was placed before statutory body?</b></p>	<p>Yes</p>
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>	

Name	Date of meeting(s)
<b>Board of Management</b>	<b>20/10/2021</b>
<b>14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning?</b>	<b>No</b>
<b>15. Whether institutional data submitted to AISHE</b>	
Year	Date of Submission
<b>2020-21</b>	<b>28/02/2022</b>
<b>16. Multidisciplinary / interdisciplinary</b>	
<b>17. Academic bank of credits (ABC):</b>	
<b>18. Skill development:</b>	
<b>19. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)</b>	
<b>20. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):</b>	
<b>21. Distance education/online education:</b>	

<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of programmes offered during the year:	<b>28</b>
1.2 Number of departments offering academic programmes	<b>16</b>
<b>2.Student</b>	
2.1 Number of students during the year	<b>3116</b>
2.2 Number of outgoing / final year students during the year:	<b>1012</b>
2.3 Number of students appeared in the University examination during the year	<b>1085</b>
2.4 Number of revaluation applications during the year	<b>25</b>
<b>3.Academic</b>	
3.1 Number of courses in all Programmes during the year	<b>925</b>
3.2 Number of full time teachers during the year	<b>237</b>
3.3 Number of sanctioned posts during the year	<b>261</b>
<b>4.Institution</b>	
4.1 Number of eligible applications received for admissions to all the	<b>7116</b>

Programmes during the year	
4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	638
4.3 Total number of classrooms and seminar halls	128
4.4 Total number of computers in the campus for academic purpose	1318
4.5 Total expenditure excluding salary during the year (INR in lakhs)	3240.05

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curriculum Design and Development

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

AMET addresses the Outcome Based Education (OBE) and Choice Based Credit System (CBCS). The University developed diverse programmes with well-structured curricula reflecting the graduate attributes, Local/Regional/National and Global needs with all necessary fundamentals. It adopts the mechanism of collecting the needs by organizing various conferences and seminars frequently.

Inputs from Conferences, Advisory bodies like Department Advisory Committee, obligatory bodies like Board of Studies and International Peers helps to forecast, identify and update various needs in the curricula and syllabi. The University has a robust curriculum design and development process enable the University 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 affects a transformation impact on the Global Society.

Committees such as Department Advisory Committee (DAC), Programme Assessment Committee (PAC), Implementation and Monitoring Committee for OBE (IMCO), BoS and Academic Council monitor the implementation



of OBE and report to the Board of Management (BOM). The learning outcomes are analyzed 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 perfectly and satisfactorily.

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

716

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

361

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**

AMET follows an Integrated Curriculum Structure that connects 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 abilities to make meaningful connections by applying and transferring knowledge to real time issues. Some of the courses in sample areas which integrates various cross cutting issues like Indian Ethos and Business Ethics (Course Code: PDBS109), Professional Ethics, Environmental Sciences and Human Values (UDVCC06) are compulsory courses for all UG students.

Gender courses like Gender Sensitization (Course Code: UDGSC01), Human Values courses like Ethics and Values (Course Code: UDVCC04), Essence of Indian Traditional Knowledge (Course Code: UDVCC10) and Environment and sustainability like Marine Environmental Protection (Course Code: UDME602), Environmental Science (Course Code: UDBS305) are offered for students. AMET also organizes various programmes to add intensity to learning process like Value Added Courses, Professional Ethics such as (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**

17

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**

3071

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**

2652

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

1288

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

552

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

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 such as Additional

Credit Courses through MOOCs. University encourages for participation in Conference/Seminar Participations, Summer internships and special trainings. The university supports to the innovative projects financially and organises various events through Career Development Centre and Institutional Innovation Cell & Incubation Cell.

Programmes offered for the Slow Learners and others such as Remedial classes and special coaching classes are organised, Bridge courses are organised to bridge the gap in fundamental subjects, Through soft skill training, professional development courses and spoken tutorial are organized slow learners are provided with additional care and support Tutorial Classes are organised, the slow learners are adequately addressed for their needs, Peer Learning is promoted. Slow learners are provided with opportunities to improve their performance in internal assessments by giving additional tests and assignments. University organizes Parent-Teacher Meetings 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/iqac-aqar-2020.html">https://www.ametuniv.ac.in/iqac-aqar-2020.html</a>

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

Number of Students	Number of Teachers
3116	237

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

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. Student representatives are in academic level decision making bodies such as Board of Studies and Academic Council

Student-centric methods followed in the University listed below:

#### Experiential learning

University periodically organizes Industrial visits, ship visits, field trips. experiential learning includes Flipped class activities, Simulators, Business Labs and software are used in selected courses, Physical Training, Parade, Roll-Call, and Watch Keeping activities for Marine related programmes

#### Participative learning

Participative learning followed in the university such as Mini Projects and Final Year Projects are given as group activities, Quiz, Group Discussions, Projects, Seminar, Peer interactions and Technical Symposiums, NPTEL and other MOOCs promote group learning. University also provides Skill and Professional Development Programmes, spoken tutorial.

#### Problem-solving methodologies

Problem-solving methodologies followed in the university which includes Case studies are included in applicable courses, Tutorial classes are organized and 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

The University has modern ICT enabled tools to make teaching and learning process more effective. 100% of teachers and students are using ICT tools. ICT usage registers available in Departments

ICT enabled education's tools and facilities facilitated for usage such as Learning Management Systems: uLektz, MYCAMU with Mobile App, SMART- indigenously developed ERP System, Media Centre facilitate for developing E-content and MOOCS, Audio-Visual Room, Full Mission Ship Simulator, Availability of all ICT Tools, 100% Wi-Fi enabled campus, High Bandwidth Internet Connection more than 1Gbps , Computer and Internet facility to all the faculty, Video Conferencing equipment, Fully automated Dr VBS Rajan Library, ICT enabled examination tools.

Innovative Teaching and Learning practices through such as ICT is employed in Preparation of lesson plans, Delivery of course content, Online assignments, assessments, online test and online proctoring, Flipped Classroom activities and Virtual Classroom activities.

Online resources for ICT Enabled Education available in AMET are as follows National Knowledge Network, Video Conferencing Tools such as Google Meet, MS Teams, Google,Zoom,etc, SWAYAM PRABHA, National Digital Library of MHRD, ShodhGanga and e-shodhsindhu and Online databases: SCOPUS, J-GATE, ProQuest, DELNET, IEEE, etc.

LMS MYCAMU: <https://www.mycamu.co.in/#/>

- <http://172.20.1.65:8080/smart/>
- <https://www.ulektz.com/>

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

172

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



237

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**

94

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**

3

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**

22

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**

25

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

AMET has ensured automation and IT integration in the examination procedures and processes such as Conducting internal, end semester examinations online and Online Evaluation, Proctoring of online examinations, OMR answer scripts, Online verification of Certificates (Direct Verify), Generating hall ticket, mark entry sheet and Grade report. During pandemic period, 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

1.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 such as NPTEL and other MOOC courses are accepted for Course Work Examinations, at

least two articles in SCOPUS indexed journals, All DC Meetings, Pre-Ph.D. presentation and Viva Voce were also conducted both online and physical mode, Online Plagiarism Checking, PhD evaluation: Foreign Examiners were permitted to submit their adjudication reports online

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

**2.5.4 - Status of automation of Examination division along with approved Examination Manual**

A. 100% automation of entire division & implementation of Examination Management System (EMS)

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

- 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 various mode such as University website, OBE explained to the students at the start of every semester by the respective course teachers, The CBCS-OBE manual in the University website and Students are also oriented towards OBE through the

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

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, Assessments
- AMET follows a 40:60 proportional of continuous internal and end semester examinations to assess the attainment level of various outcomes. The Attainment levels are assessed by both direct and indirect modes for every course and 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

1012

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/iqac-aqar-2020.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: 2; 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 164.61 lakhs to Faculty members.
- Revenue through Government projects: 15 Lakhs
- Revenue through Non-Govt Sources: Rs.9 Lakhs

1. Promotion of Innovation and Incubation: Innovation and entrepreneurship-155; Faculty and students awards - 44.
2. Promotion of Extension Activities: AMET organized 71 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 113 research papers in Scopus, Web of Science and UGC CARE. 106 Books & Book Chapters published with ISBN and 5 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)**

164.61

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**

0

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**

68

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**

2

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)**

9

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)**

**37.48**

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**

**15**

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 (CEII) 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 CEII 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 incubate 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 incubates:

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

155

**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**

155

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**

44

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**

**A. All of the above**

- 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**

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**

5

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**

16

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**

113

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**

106

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**

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

### Initiatives For Institutional LMS

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
236	21

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
12	8

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

AMET has Consultancy Policy which 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, the AMET has 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 has been undertaken by the faculties with prior permission of University Authorities.
- University is providing 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 departmental expertise who 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)**

**353.31**

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

1. 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.
  2. Departments/ Centres organize extension activities such as awareness events, Social services which has created positive impact in the neighbourhood community.
  3. Every year over 80% of the student participate in extension activities through various Cells/Centres/Department activities.
1. 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
  2. Faculty members are encouraged to attend NGO-organized workshops, lectures, and conferences and become more professional in implementing the university's extension activities.
    - o By generously contributing to the relief fund, the faculty and students respond with sensitivity to natural calamities and other problems.
    - o The extension activities organized by the University to improve the academic learning experiences of the students and reinforce moral, ethical values and skills.
    - o Some of the notable event which promoted holistic development of students and caused a positive impact on society.
    - o AMET organized 71 extension activities through NCC, NSS, 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**

14

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)**

71

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**

3129

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**

75

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**

11

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.

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

All the 117 Class rooms and 11 Seminar halls have ICT facilities

- University has 128 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 with Adobe-Premiere Pro software.



**Laboratory facilities:**

- 82 laboratories are available for all the programs including Ship In

Campus (Jewel of AMET) and Full Mission Ship Simulator.

- 1318 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
- AMET Centre for IELTS is a certified IELTS Registration Center of British Council of India, It has 41 computers with Author Plus.

**Computing equipment:**

- Two Common Computer Centres with 608 computers for the general needs of students

**Links for infrastructure facilities:**

<https://www.ametuniv.ac.in/videos.html>

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.)

AMET has adequate facilities for sports, games (indoor, outdoor), Gymnasium, Yoga Centre etc., and cultural activities.

**Sports and Games facilities**

**Outdoor:**

- 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

**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

1. Separate Rehearsal room (Over 1000 Sq.ft ) fully air-conditioned and equipped with musical instruments like Drums, Keyboards, Violin etc. and equipment such as Guitar, Speakers, Amplifiers and Mike available. AMET has a unique Band Team.
2. 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

1. 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.
2. The entire campus is Wi-Fi Connected and Barrier Free. Campus is secured through CCTV and security On-Duty in all major facilities 24x7.
3. Two generators of Capacity 600 KVA, 500 KVA for power back up 24x7.
4. Student Counselling Centre with full time student counsellor.
5. AMET has separate hostel for boys and girls (Ganga, Yamuna, Saraswathi, Kaveri, Narmada, etc.) to accommodate more than 2900 students. Hostels have TV Halls, separate bath rooms and toilets, laundry facility, saloon, washing machines,

recreational facilities, RO purified water etc.

6. 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.
7. Health Care Centre with dispensary, sick-bay, two duty doctors and nurses, Ambulance available. MoU with Chettinad Speciality Hospitals for major medical emergency.
8. Campus is environment friendly has ample green area, herbal garden, tree plantation.
9. Campus is energy efficient; with LED bulbs, Sensor based energy conservation, 30-kW solar power plant.

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)

1205.74

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

Dr V.B.S. Rajan Library fully automated through AUTOLIB-ILMS, Web-OPAC, RFID, Barcode and INFED Remote Access with separate block of 2342 sq.m area in two floors, Wi-Fi enabled and with seating capacity of 700, air conditioned reading halls and lifts.

### Library Automation facilities

1. Data entry, issue and return and renewal of books, member logins, online book reservation, report management, acquisition control systems, articles indexing system, e-resources linkage through remote access, User rate analysis, etc. are carried out through ILMS.
2. Remote access to the e-library facilities is extended 24x7 through INFED from INFLIBNET and Web OPAC.

1. Library has a web portal to to facilitate the students, Faculty and Staff (<https://www.ametuniv.ac.in/library.html>)
2. Institutional Membership in National Digital Library of India, Madras Library Network (MALIBNET), Developing Library Network (DELNET), UGC-INFLIBNET, Shodhganga, E-ShodhSindhu

#### Digitization facilities at Library

AMET has established and using the following digitization facilities such as

1. Reprographic facility (2 machines)
2. Scanners (3)
3. Printers (3)
4. Computers- 50 computers including 40 in Digital Knowledge Centre
5. Barcode scanner-5
6. RFID Antenna, Gate, Workstation-1
7. Plasma TV-1
8. LCD Projector-1
9. Audio Visual Room with audio video facilities

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

**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**

A. Any 4 or all of the above

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

**4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

**24.55759**

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

**4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)**

964

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

**4.3 - IT Infrastructure**

**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**

128

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**

AMET has comprehensive IT policy for making appropriate budgetary provisions and updating the IT facilities. The IT policy applies to everyone who accesses University Information Technology Resources such as students, Faculty, Staff and parents. 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
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 National Knowledge Network

**Software Resources**

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

**Implementation of Systems and procedures through**

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
3116	1318

**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

1560.21

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 - laboratory, library, sports complex, computers and classrooms. AMET has a Maintenance Department operated by functional heads, House Keeping, Electrical, Plumbing, Carpentry, Civil Works, and Gardening etc. Supervisors for every functional units are available.
- The Maintenance, Purchase, Finance Department and Office of the Registrar are 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. 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

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)**

**1449**

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**

**3131**

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>

<p><b>5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases</b>  <b>Implementation of guidelines of statutory/regulatory bodies</b>  <b>Organisation wide awareness and undertakings on policies with zero tolerance</b>  <b>Mechanisms for submission of online/offline students' grievances</b>  <b>Timely redressal of the grievances through appropriate committees</b></p>	<ul style="list-style-type: none"> <li>• All of the above</li> </ul>
--	--

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**

15

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**

817



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**

55

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**

37

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 programmes and year of study with due representation to the Girl Students. The Student Council elects its Office Bearers once in 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 is entirely administered by the students
- Helps the University in curbing ragging by providing volunteers in the Anti Ragging Campaign

- 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 programmes have Class Committees which are represented by students from the slow and advanced learner's 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**

13

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) functioning since 2011(Ref No 135/2015). AMET with 28 years of existence, has good strength of 12218 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 programme 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. 8 lakhs for the financial year 2020-21.

### Other Supports

- AMET-Waves is the Newsletter from the AMET Alumni Association (AAA)
- AAA also conducts Alumni meet, Social events, Alumni guest lectures and support for internship and placements.
- Alumni network supports the students in project work, higher studies, competitive exams, resource persons for Seminar/Workshop/ etc.

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

**5.4.2 - Alumni contribution during the year (INR in Lakhs)**

A. ? 5Lakhs

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

AMET a Maritime sector specific University and an International Maritime Knowledge aimed 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 governed by the Board of Management, Vice Chancellor, Deans, School Chair Persons, Head of the Departments to handle the Academic affairs to attain the Vision and Mission and governed by the Board of Management, Vice Chancellor, Registrar, Joint Registrar, Finance Controller, Controller of Examinations and Directors to 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 continuously and periodically.

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

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

**Decentralization:**

AMET follows Decentralization practices to develop and enhance leadership qualities among Academic and Administrative Heads and Functionaries of the University. The Power and Responsibilities of AMET are 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 the sustainable improvement, AMET follows

separate policies for each functional aspects and other policies to govern the institutional practices. Each policies have separate form and procedure to enable effective leadership at all levels.

**Participative Management Practices:**

AMET promotes Participative Management at various levels to ensure the equity and inclusiveness of practices. Stakeholders of AMET allowed to take part in the Decision Making process based on their capacity. Participative Management 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 the Academic, Administrative, Infra-structure, 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**

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.

- AMET drives to provide a quality maritime and associated professional education and acquire the stature as one of the top-ranking maritime Universities.
- Enhanced the Interaction with Society and Industry, and Generate Revenue to the University through Research, Consultancy and Collaborative initiatives by identifying and improvising the various avenues to generate revenue and boosted the interaction with Alumni.
- Develop and maintain the State of the art infrastructure by Maintenance of the existing Infrastructure, identification of areas for Improvement Improvising the Sustainable Development.
- AMET has Strategic Planning and Steering Committee and 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 two under graduate and one post graduate courses offered in the 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.

- The Management, Administrative and executive authorities and committees like Board of Management, Academic Council, and Vice Chancellorship etc. are formed and practiced as per the requirements of the Statutory and Regulatory bodies such as the MHRD, AICTE, UGC, DGS and etc.
- The University is committed to follow the participatory governance to implement and upkeep new and existing systems, respectively such as Strategic Planning and Steering Committee and 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 and 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.
- Besides, the Service Rules of the University also defines 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**



<p><b>6.2.3.1 - e-governance is implemented covering following areas of operation</b></p> <p><b>1.Administration</b>  <b>2.Finance and Accounts</b>  <b>3.Student Admission and Support</b>  <b>4.Examination</b></p>	<p>A. All of the above</p>
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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>

**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

- 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, Employment to the Wards of the Deceased Employee were 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**

271

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**

143

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)**

198

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**

- AMET mobilizing 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 are also 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	No File Uploaded
Upload relevant supporting document	No File Uploaded

**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	No File Uploaded
Upload relevant supporting document	No File Uploaded

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

- 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.
- Finance Controller conduct 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, 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, Review of periodical reports are the key areas of External Audit to verify the documents.
- External audit team will visit AMET and physically verify the transactions with the supporting documents and 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 of the reports.

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

The Internal Quality Assurance Cell (IQAC) established in 2013 has coordinated and oriented 1st Cycle of NAAC Accreditation during 2015 and Second Cycle during 2021. As per NAAC guidelines, IQAC is well represented by all stakeholders such as Eminent Academicians, Faculty, Administrative/Technical Staff, Students, Management Representatives, Alumni, Community Representatives, Employers/Industrialists. IQAC is proactive in institutionalizing various quality assurance strategies and processes by the way of

1. Promoting forms and policies on quality initiates
  2. Playing key role in establishment of Committees/Cells/Centres to implement and monitor diversified quality initiatives
  3. Sensitizes the stakeholders through meetings, events, workshops, seminars, conferences, lectures etc.
  4. Streamlining the stakeholder feedback process of various academic and administrative systems
- IQAC has contributed in the revision of ISO Quality Management System
  - IQAC is constantly upgrading the Policies, forms and procedures for smooth governance
  - Conducted Meetings for Quality Improvement in Prioritized Areas
  - Proposed and arranged recognition and honoring for Faculty who have contributed in priority areas
  - Organized AMET Student and Faculty Awards function
  - Coordinated the AMET Silver Jubilee Student Events

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)

#### Post accreditation quality initiatives by the IQAC

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

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

##### 2. Operational Quality

- Automated Office procedures with ERP system
- Automated Examination Management System
- Learning Management Systems- uLektz and MYCAMU

##### 3. Research Quality

- 126 equipment worth over Rs 1 lakh have been funded; 82 labs upgraded; 2 research centres established; 7 specialized labs created
- Digital resources -SCOPUS,EBSCO, etc,
- Software -SPSS, URKUND etc have been subscribed/purchased
- The Number of quality publications increased
  1. h index - 23
  2. number of citations - 2400
  3. 16 Government ongoing Projects and Rs. 12 crores received
  4. AMET recognized as SIRO by the DSIR, Government of India
- Faculty with PhD - 87
- PhD awarded - 83

##### 4. Overall Quality Ranking

- AMET has ranked one among top 3 Maritime Universities in PIMET Ranking by IAMU-Japan, 200th Ranking Band in Engineering category of NIRF 2020
- ARIIA Ranking 25-50 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

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; Organized 2 Guest Lectures, 5 Orientation Programmes, 2 Cultural Events and 6 Webinars on gender sensitivity and equity
- "Gender Sensitization" (Code-UDGSC01) course is mandatory for UG students; Conducted in collaboration with AWARE Trust
- Gender Sensitisation Advisory Committee has representation of HoDs, Faculty and Students, provides necessary action plan for the Gender Sensitisation Cell and reviews its annual activity
- AMET ensures Gender Equity by giving equal importance for women in all key positions
- Celebration of International Women's Day
- Programmes regarding women health and hygiene are organised
- Single Girl Child Scholarship and scholarships for Girl students to study Marine
- Counselling Facilities, Mentoring systems, Lady Medical Officer Common Room facility and Day Care Centre are available

Different events (13 events) on Gender Sensitivity and Gender Equity conducted AMET ensures facilities for safety and security for women and others

- 24x7 Surveillance by CCTV and security staff
- Girls Hostels are well protected with security and wardens
- Separate facilities for women: Toilets, common room, gym



File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Annual gender sensitization action plan(s)	<a href="#">Plan to conduct 2 programmes on Gender Equity Promotion programme, Awareness on Cyber security, International Women's day celebrations</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="#">a. Safety and security b. Counseling, c. Common rooms, d. Daycare Centre, e. Any other relevant information</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

**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)

- 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 underline 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  
(Selected events)

- 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

i. Name of the Best Practice: Admission with appointment order (20-21)

ii. Objective of the Practice

- To enhance the placement avenues for the students by establishing and maintaining strong industry relations

iii. The Context

AMET is maintaining excellent industry interactions. The programmes offered at AMET are highly industry oriented.

The maritime industry is dynamic industry and human resource requirement fluctuates with this industry. In this context, this special drive "Admission with Appointment Order" provides advantage to the students.

iv. The Practice - Admission cum Recruitment Drive campaign

a. AP Moller Maersk.

MoU was signed on 24-10-2019 by and between AMET and AP Moller Maersk

b. V Ships

MoU was signed on 20-07-2021 by and between AMET and V Ships India Pvt Ltd

v. Evidence of Success

A total of 166 students admitted with appointment orders from AP Moller Maersk and V Ships BE Marine Engineering and B.Sc. Nautical Science



vi. a. Problems Encountered

During COVID19 pandemic, student participation in Admission cum Recruitment Drive was relatively less.

b. Resources Required: Requirement of qualified Teachers in Maritime Domain which is requirement of statutory authorities must have Certificate of Competency (MEO Class-1 for Marine Engineering; Master Mariner-FG for of Nautical Science which require over 20 years of actual sea time experience).

**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, AP Moller Maersk (world shipping giant owning over 780 ships) has signed a MOU on 24.10.2019 with the University and laid the foundation stone to establish AP Moller Maersk-AMET Centre of Excellence, for the first time in the world. V Ships India Pvt Ltd has signed a MOU on 20.07.2021 with AMET to establish for Admission with Appointment order Scheme. Both AP Moller Maersk and V Ships India Pvt Ltd have committed in their MoUs that they will make their entire Admission with Appointment Order scheme from India exclusively from AMET, which is a rare distinction.

7.3.2 - Plan of action for the next academic year



Internal Quality Assurance Cell (IQAC) AMET future plans for the next academic year

- To sustain present NAAC grade and augment the same with more quality initiatives.
- To make strategic plan to the institute to get A++ grade in NAAC in the Next Cycle of Accreditation.
- To get NBA Accreditation for all the Engineering Programmes.
- 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 the Research output of the institution by promoting our faculty towards funded project and industry sponsored projects.
- To promote our faculty towards international faculty exchange programme
- 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 programmes for identifying and finding solutions to technical and technological problems.
- To reach out to the community through various programmes for awareness, involvement and participation to usher in a better society
- To enhance the usage of ICT facilities for effective teaching learning process.
- To conduct sports and cultural activities regularly for our students.
- To be updated with the curriculum on par with global industrial needs.