Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**ACADEMY OF MARITIME EDUCATION AND TRAINING (AMET) DEEMED TO BE UNIVERSITY**
Name of the head of the Institution	**Col. Dr. G. Thiruvagasam**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04427444626**
Mobile no.	**9566112211**
Registered Email	**vc@ametuniv.ac.in**
Alternate Email	**vasagam51@gmail.com**
Address	**135, East Coast Road, Kanathur-603112**
City/Town	**Chennai**
State/UT	**Tamil Nadu**
Pincode	**603112**

2. Institutional Status	
University	**Deemed**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr D.Arivazhagan**
Phone no/Alternate Phone no.	**04427444626**
Mobile no.	**9940296595**
Registered Email	**iqac@ametuniv.ac.in**
Alternate Email	**prof.arivazhagan@ametuniv.ac.in**

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://www.ametuniv.ac.in/IQAC/AQAR_2018_2019.pdf
4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.ametuniv.ac.in/attachment/academic_calendar_2019_20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.42**	**2015**	**16-Nov-2015**	**15-Nov-2020**

6. Date of Establishment of IQAC	**13-May-2013**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

International Online Faculty Development Programme on Course Planning and Delivery through online	25-May-2020 1	164
International Online Faculty Development Programme on Strategies to improve the Citation Metrics and Research Impact.	15-May-2020 1	128
Webinar on The Crux of Online Teaching for Low Internet Bandwidth.	24-May-2020 1	162
Workshop on NAAC Accreditation and Assessment Processes- Overview	15-Feb-2020 1	123
Workshop on Web Based Resources for Research	27-Nov-2019 1	36
Special Lecture on Research Methodology for Marine Science and Technology	15-Nov-2019 1	42
Special Lecture on The Art of writing Research Articles	12-Jul-2019 1	25
Special Lecture on Importance of Research and Research ethics	22-Nov-2019 1	28
Workshop on E Content Development for MOOC platforms	26-Nov-2019 1	112
Special Lecture on Introduction to research Methodology	29-Nov-2019 1	24
[View File](#)		

8. 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
Academy of Maritime Education and Training	Atal Ranking of Institutions on Innovation Achievements (ARIIA)	Ministry of Education, Govt. of India	2020 365	0
Academy of Maritime Education and	National Institutional Ranking	Ministry of Education (formerly MHRD)	2020 365	0

Training	Framework (NIRF)	Government of India		
Academy of Maritime Education and Training	Comprehensive Inspection Programme (CIP)	Directorate General of Shipping (DGS) Govt of India throughDet Norske Veritas (Norway)	2020 365	0
Academy of Maritime Education and Training	Performance Indicators in Maritime Education and Training (PIMET)	International Association of Maritime Universities (IAMU), Japan	2020 365	0
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**13**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Structured and implemented the Outreach programme along with Non Governmental Organizations outside University 2. Promoted the Information Communication Technology Enabled Education in the campus by conducting FDPs and training programmes 3. Promoted a Quality research culture by conducting orientation programmes and weekly events through AMET Research Connect Forum 4. Identified thrust areas for quality improvement and conduct orientation programmes for the same 5. IQAC encouraged Core Working Group to involve and implement quality initiatives 6. IQAC initiated and completed the process of establishing Media Centre with the fullest sponsoring from AMET Alumni Association 7. IQAC has promoted and mentored the Educational Materials Resource Development Centre (EMRDC) which has produed over 150 video lectures by utilizing the resources of the Media Centre 8. By conducting several orientation programmes and workshops, IQAC has promoted three Faculty Members to produce Massive Open Online Courses (MOOCs) and E -Contents in Government run platforms such as Vidyamithra and private MOOC platforms such as UDEMY and Teachers Academy besides contributing E contents to the Institutional LMS

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To establish forms and procedures to sustain quality ambience in the University	IQAC has created forms and procedures for feedback from stakeholders, degital home based internship evaluationa & submission and Students Scholarship form etc.
To create and sustain a vibrant research atmosphere in the campus	IQAC has formed a committee to identify the good publication and suggest incentive to the faculty member who published that papper. Incentives to the faculty who publishing Books and incentives for other research activities.
Continuing the regular works of the IQAC to promote the overall quality of the University	Estableshed AMET Research Connect Forum for discussing recent happening in Research. The ARCF has conducted Eight events in 2019-20.Conducted Five workshops/orientation programmes for the promotion of OBE.Implemented the Academic Integrity Policy in the University to promote ethics in research.Funded research has increased. AMET has also sanctioned student projects and seed money for faculty. Altogether a total of 177 industry projects worth Rs 632 Lakhs (INR).
Prioritizing the ranking works such as NIRF, Swachata Ranking etc	NIRF Rank achieved first time under Engineering Category
Spearheading the preparative works for the NAAC Re-Accreditation	IQAC formed a core working group which works on each criteria for NAAC Re-Accreditation.One workshop, one brainstorming session and two orientation programmes on NAAC parameters were conducted.Forms and procedures for the OBE were prepared and circulated by the IQAC.
To implement and monitor the Outcome Based Education	The IQAC has arranged almost 5 FDP programmes on OBE which includes COPO Mapping, Course attainment and Basics of OBE

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Board of Management	14-Sep-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	29-May-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	AMET is having an indigenously developed ERP system as Management Information System. The ERP is functioning in the following modules. 1. Admission Module: This module handles the admission process starting from enquiry of the student to till the allocation of admitted students in respective batches including fee payment. 2. Finance and Account Module: This module handles fees structure, fee collection and generation of receipts. The accounts module helps in the governance of financials aspects of the University. 3. Administration: This module helps in managing Faculty records and Faculty achievements, student's attendance and course selection etc. 4. Examination module covers the entire examination processes from hall ticket generation to mark sheet/grade report generation. 5. Planning and Development module has been initiated to cover the e governance of course planning, course delivery. The curriculum development module based on outcome based education is in progress.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision

BE	UGA001	Marine Engineering	05/03/2019
BE	UGN001	Nautical Science	05/03/2019
BE	UGA002	Naval Architecture and Offshore Engineering	05/03/2019
BE	UGA003	Petroleum Engineering	05/03/2019
BE	UGA004	Electrical and Electronics Engineering	05/03/2019
		View File	

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BE	Marine Engineering - UGA001	05/03/2019	Technical English I -UD1LEC1	05/03/2019
BE	Marine Engineering - UGA001	05/03/2019	Engineering Physics - UDPHM01	05/03/2019
BE	Marine Engineering - UGA001	05/03/2019	Communication Skills Laboratory - I- UD1LECB	05/03/2019
BE	Marine Engineering - UGA001	05/03/2019	Basic Ship Structure-UD1NA31	05/03/2019
BE	Marine Engineering - UGA001	05/03/2019	Interpersonal Communication- UD1LECD	05/03/2019
		View File		

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BVoc	Banking, Financial Services and Insurance	05/03/2019
	No file uploaded.	

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BVoc	Banking, Financial Services and Insurance	05/03/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Basic Safety Training (BST)	05/03/2019	200
Security Training for Sea Farers with Designated Security Duties (STSDSD)	05/03/2019	200
High Voltage Operational Level	05/03/2019	200
Engine Room Simulator Course	05/03/2019	200
Wellness at Sea	05/03/2019	200
[View File](#)		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Marine Engineering	812
BSc	Nautical Science	821
BE	Naval Architecture and Offshore Engineering	224
BE	Petroleum Engineering	148
BE	Electrical and Electronics Engineering	131
[View File](#)		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
AMET deemed to be University collects feedback on curriculum, teaching facility, hostel and sports facility etc., from every student in each semester. University also collects feedback from the stakeholders like parents, employer, Alumni and faculty regarding curriculum, university facilities and overall rating about AMET University. Faculties are having opportunity to give their opinion through feedback regarding teaching, learning, evaluation, promotion of research, Consultancy extension, Infrastructure, faculty welfare, governance of Management and governance of administration. Details of the feedback mechanism •AMET has distinct structured feedback mechanisms to collect feedback on curriculum from all its stakeholders' viz., students, teachers, alumni, parents, employers on various aspects. •The feedback is collected based on questionnaire format. •The feedback is collected either online or in printed

forms in every semester from all students •The feedback has been analyzed by each department and then this feedback analysis report has been discussed in the department meeting. After that the required findings and suggestions forwarded to the concern bodies like Internal Quality Assurance Cell (IQAC), Board of studies, Academic Council, Board of Management for further action. •The Management review committee playing crucial role in taking few decisions on curriculum development by discussing the analysis report. •The feedback on curricular aspects by various stakeholders is appropriately used by the Board of Studies concerned whenever the next cycle of curriculum revision is undertaken Use of Feedback for curriculum revision Feedback from stake holders is also obtained on curricular aspects for design, development, implementation and revision of curriculum. Feedback from Stakeholders such as Alumni, employers, faculty, parents and students are obtained analyzed to improve the employability and include the industry need in the curriculum. This feedback analysis report helps the Board of studies to add weightage to other courses along with core curriculum. The main areas where this feedback analysis report plays main role are: 1.Course syllabus improvement 2.Industry need Value added courses 3.Value added courses related the health and hygiene 4.Internship 5.Project work 6.Industrial Training 7.Add on courses like NPTEL based on MOOC 8.Personality development 9.Communication Skills 10.Technical writing etc Some important actions taken after feedback on curriculum 1. The Curricula and Syllabi of Management and Engineering programmes were revised in tune with AICTE model curriculum and feedback on each core courses 2. Courses on Environment and Gender sensitivity are made as compulsory components of the curriculum 3. Internships are made mandatory 4. Encouraging students to do industrial projects in the industry it self in last semester so that the students will be ready to industry. 4. Student projects beyond curricular requirements are also encouraged with financial supports 5. Valued Added Courses and Career Development programmes are given extensively 6. Outcome based education is followed in curriculum design, development, delivery and assessment 7. More importance given to personality development and communication skills, that enables the students to face the interviews confidently 8. Encouraged the students to undergo NPTEL courses and given additional credit for completed courses. 9. Encouraged the students to undergo home based internship in this COVID'19 period.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Marine Engineering	360	2620	150
BSc	NAUTICAL SCIENCE	360	2320	288
BE	NAVAL ARCHITECTURE AND OFFSHORE ENGINEERING	60	196	36
BE	ELECTRICAL &ELECTRONICS ENGINEERING	60	184	35
BE	PETROLEUM ENGINEERING	60	179	20

| BE | MECHANICAL ENGINEERING | 120 | 487 | 115 |

View File

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	3060	237	211	26	237

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
237	237	14	117	117	29

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The University is having a strong mentoring system. Soon after admission, each student is assigned to a mentor. The assigned mentor is providing all possible academic, co-currciular, extra curricular, career and personal guidance to the students. Each mentor is provided with not more than 20 students. University maintains a good record keeping of mentor mentee list, metoring details and tracking of student performance in various facets. Apart from this, University is having a best practice of maintaining a Green Card for each Student. Green Card is updated every now and then with student activities. Parents/Guardians are also invited for a review if necessary and the same is also documented in Green Card suitably. Apart from Mentors and Green Card, the University is providing a conducive learning environment to its students throughout the course of their study by attending to their needs and wellbeing through the following cells, centers and committees: ? AMET Alumni Association ? Anti-Ragging Committee ? Committee Against Sexual Harrasment ? Career Development Centre ? Skill Development Centre ? Cultural Club ? Centre for Slow Learners/ Weaker Students ? Centre for Women Empowerment ? Earn while you Learn Scheme ? Equal Opportunity Cell ? Entrepreneurship Development Cell ? Faculty Educational Resource Material Development Cell ? Centre for ICT Enabled Education ? Green card System ? Green Box system ? Hostel Advisory Committee ? Placement Cell ? Seed money for student's project. ? SC/ST student's cell ? Sports Club ? 24x7 health center with ambulance facility ? Student Scholarships. ? AMET Centre for International Relations (CIR) ? Centre for Yoga and Human Excellence

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3297	237	1:13.9

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
242	237	5	46	84

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National,

International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. D.Arivazhagan	Professor	Best Professor , ESN Awards
2019	Dr.D.Lakshmi	Professor	Senior Educator Scholar Award , National Foundation for Entrepreneurship Development
2019	Dr.K.S.Siva Subramanian	Professor	Best Professor,Para Awards 2020
2019	Dr. M. Jayaprakashvel	Associate Professor	Certificate of Reviewing - Taylor Francis Group , Taylor Francis Group
2019	Dr. T. Sasilatha	Professor	RACE-2019 Bangkok Award for Academic Leadership , International Association of Research and Developed Organization

[View File](#)

2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	UGN001	Even/2019-2020	08/08/2020	22/08/2020
BE	UGA001	Even/2019-2020	31/07/2020	14/08/2020
BE	UGA002	Even/2019-2020	31/07/2020	14/08/2020
BE	UGA003	Even/2019-2020	31/07/2020	14/08/2020
BE	UG05	Even/2019-2020	31/07/2020	14/08/2020

[View File](#)

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
30	3072	0.97

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.ametuniv.ac.in/schools.html

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
UGN001	BSc	Nautical Science	196	191	97
UGA001	BE	Marine Engineering	248	239	96
UGA002	BE	Naval Architecture and Offshore Engineering	78	73	94
UGA003	BE	Petroleum Engineering	68	65	96
PGA006	MBA	Shipping and Logistics Management	62	62	100
View File					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.ametuniv.ac.in/IQAC/sss-atr-2019-20.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Capt K.Karthik	On Board Training	27/05/2019	Admiral Makarov State University of Maritime and Inland Shipping, Saint-Petersburg, Russia.
National	Dr.Anita R Warrier	GIAN- Global Initiative of Academic Networks -Award	27/01/2019	Ministry of Human Resource Development (MHRD), New Delhi.
National	Dr.Anita R Warrier	Indian Technology	03/01/2020	Reva University,

View File				

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
R. Vijayaraj	1095	Department of Biotechnology (DBT), Government of India
Mr. J. Sakthivel	1095	Board of Research in Nuclear Sciences (BRNS).
D. Anita	1095	Department of Science and Technology (DST)
J. Visuvasam	1095	Department of Science Technology- Science and Engineering Research Board (SERB)
Mr. Dennis	1095	Department of Science Technology- Science and Engineering Research Board (SERB)

View File		

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	730	TNSCST-S T Project Under DST/PRG Scheme	0.43	0.43
Major Projects	730	Micro, Small Medium Enterprises (MSME)	350	280
Major Projects	365	All India Council for Technical Education (AICTE)	0.76	0.76
Major Projects	1095	Department of Science Technology (DST)-Digital Poompuhar, Network projects	75	5
Major Projects	730	National Commision for Women	9.99	3.99

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Nanotoxicity of Materials in Marine ecosystem	Marine Biotechnology	03/07/2020
Modeling Technologies and Control on Electric Vehicles	Marine Engineering	25/05/2020
Marine Robotics	Naval Architecture and Offshore Engineering	22/08/2020
Seminar on Role of IPR in Research and Innovation	Food Processing Technology	28/02/2020
Engineering Mechanics	Mechanical Engineering	18/05/2020

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Distinguished Scientist	DR.L.RAJENDRAN	Venus International Foundation	03/08/2019	Teacher
Best Paper Award	G. Jegadeeswari	International Journal of Recent Technology and Engineering (IJRTE)	26/08/2019	Teacher
Best Faculty- Research Guidance	DR.D.ARIVAZHAGAN	AMET Deemed to be University	05/09/2019	Teacher
Appreciation- The Assessment of Research Proposal for IAMU Research Projects	Dr. T. Sasilatha	ARAB Academy of Science,Technology and Maritime Transport	01/10/2019	Teacher
Best Paper Presentation Award	R. Vijayaraj	National Conference on Biochemistry and Therapeutics of Diabetes and Cancer Treatment at Loyola College, Chennai.	20/02/2020	Research Scholar

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
AMET Innovation and Incubation centre	AMET Innovation and Incubation centre	AMET deemed to be University.	Tritons- S Afreeth	Tritons- Innovation	25/02/2019
AMET Innovation and Incubation centre	AMET Innovation and Incubation centre	AMET deemed to be University.	Greenzit- Suraj Rajshekhar Nair	Greenzit- Innovation	09/09/2019
AMET Innovation and Incubation centre	AMET Innovation and Incubation centre	AMET deemed to be University.	CE2020 Technologies Pvt Ltd- Mr.Praveen Padmanaban	O App- Innovation	16/09/2019
MSME Business Incubator	MSME Business Incubator	Micro Small Medium Enterprise, Government of India (MSME)	I Hasheem Shariff, BE(Electrical and Electronics Engineering (Marine)	A cost effective dual solar energy based module for insect pest trap and irrigation p ump- Innovation	23/01/2020
MSME Business Incubator	MSME Business Incubator	Micro Small Medium Enterprise, Government of India (MSME)	Mohammed Shuaib K, BE (Electrical and Electronics Engineering (Marine)	Automaticirr igation syst emusingIOT- Innovation	23/01/2020

[View File](#)

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
AMET Business School	3
Electrical and Electronics Engineering	2
Information Technology	1
Marine Biotechnology	1
Petroleum Engineering	1
Library Science	1
Chemistry	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)

International	AMET Business School	93	0.8
International	Chemistry	10	1
International	Mechanical Engineering	54	0.5
International	Physics	45	4.5
International	Electrical and Electronics Engineering	60	0.4
International	Mathametics	39	2.5
International	Marine Bio Technology	15	1.4
[View File](#)			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Physics	31
AMET Business School	37
Mathematics	32
English	13
Electrical and Electronics Engineering	44
Petroleum Engineering	11
Mechanical Engineering	33
Naval Architecture Offshore Engineering	16
[View File](#)	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Methods employed in the study of the effect of ultra graphite on morphological and physico chemical proeprties of soil	Published	2016 41026378	13/12/2019
A Method and an IOT System for operating illumination control and fault detections of the street light	Published	2020 41003504	07/02/2020
[View File](#)			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as	Number of citations

					mentioned in the publication	excluding self citation
Studies on catalytic activity of paddy like- CuO/ TiO2/ZnO ternary nanocomposites prepared via one step hydro thermal green approach	Dr. N.MAHESWARI	Materials Research Express	2019	4	Academy of Maritime Education and Training	3
Growth, structural, thermal, dielectric, mechanical, linear and nonlinear optical properties of semi-organic crystal: 2,5- dimethylanilinium chloride monohydrate	Dr. K. RAJESH	AIP conference Proceedings	2019	6	Academy of Maritime Education and Training	1
Mathematical modelling of Double Chamber Microbial Fuel Cell using Homotopy Perturbation Method	Dr.L.Rajendran	International Journal of Engineering and Advanced Technology (IJEAT)	2020	12	Academy of Maritime Education and Training	1
Dark catalytic degradation of industrial dye effluents using orthorhombic Tin monosulphide nan	Anita R Warrier	Journal of molecular liquids	2020	8	Academy of Maritime Education and Training	3

ocatalysts						
Analysis and Optimization of Delamination Factor during Drilling of E-Glass /Epoxy Composite by Taguchi Method	D S Balaji	International Journal of Psychosocial Rehabilitation	2020	3	Academy of Maritime Education and Training	1

View File

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Studies on catalytic activity of paddy like- CuO/ TiO2/ZnO ternary nanocomposites prepared via one step hydrothermal green approach	Dr. N.MAHESWARI	Materials Research Express.(IOP).	2019	4	3	Academy of Maritime Education and Training
An empirical study on online shopper profiling and online shopper motivations in dubai	Dr.D.Rajasekar	International journal of Recent Technology and Engineering	2019	6	1	Academy of Maritime Education and Training
FT-IR and FT-Raman Spectral Investigations, HOMO-LUMO and First-Hyperpolarizability Analyses of 2,4Dime	DR. K. GAYATHRI	AIP Conference Proceedings	2019	10	1	Academy of Maritime Education and Training

thoxybenzo ntrile by Ab Initio and Density Functional Method						
Mathematic al modelling of Double Chamber Microbial Fuel Cell using Homotopy P erturbatio n Method	Dr.L.Rajen dran	Internatio nal Journal of Engineerin g and Advanced Technology (IJEAT)	2020	14	1	Academy of Maritime Education and Training
Physical strength and Opto electrical conductivi ty of L Serine Phosphate single crystal for structural and photonics devices fa brication	Dr. K. RAJESH	Materials Research I nnovations	2019	6	1	Academy of Maritime Education and Training
View File						

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Semina rs/Workshops	594	1355	250	118
Presented papers	128	130	0	0
Resource persons	5	35	52	15
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Food and Microbial Analysis	AVT Naturals	2019	0.43
The CFD Analysis of	Hindustan Shipyard	2019	1

pollution control vessel for ICG	Ltd		
The CFD Analysis of fast patrol vessel for icg	Hindustan Shipyard Ltd	2019	1
women on political participation and their impact on local urban governance	D.K.International Research Foundation	2019	0.6
Grievance handling mechanism of the customers of freight cargo solutions, chennai	Unique line	2019	0.5
[View File](#)			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Mr.R.N.Raju, Head-GMDSS, Academy of Maritime Education and Training (AMET)	Global Maritime Distress and Safety System (GMDSS)	AMERC, U.K.maritime authority (Maritime Coastguard Agency)	106.68	298
Capt IVS .Ramakrishnan, Dean-Pre Sea Modular Courses, Academy of Maritime Education and Training (AMET), Nautical Science, Capt IVS .Ramakrishnan, Dean-Pre Sea Modular Courses, Academy of Maritime Education an	Oil Pollution Preparedness, Response and Co-operation (OPRC) _IMO Level II Programme	Indian Coast Guard	14.24	38
[View File](#)				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such	Number of students participated in such

		activities	activities
Technique to solve Geometry Problems	Department of Mathematics and Reacher Trust NGO,Mathematics,Academy of Maritime Education and Training (AMET)	3	100
Village Survey and Baseline House hold survey Team	Unnat Bharat Abhiyan-Academy of Maritime Education and Training (AMET)-Kanathur	1	41
Organ Donation and Donor Registration	NCC, Academy of Maritime Education and Training (AMET) and TRANSTAN	5	163
Volunteer Provision For marathon Race	NSS, Academy of Maritime Education and Training (AMET)	3	110
Awareness on Road Safety	R-SAFE TRUST – NGO, Department of Mechanical Engineering, Academy of Maritime Education and Training (AMET)	1	26
[View File](#)			

 3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Health Screening camp	Recognition/Appreciation	Lions Club	90
Awareness programme on Women safety with Kavalan app	Recognition/Appreciation	News 7	130
Technology outreach as an enabler for inclusive and sustainable development	Recognition/Appreciation	Unnat Bharat Abhiyan	10
Health Screening camp",Free medical checkup camp for differently able people	Recognition/Appreciation	NEWS7-Anbupalam (NGO)	160
Awareness on Saving Schemes in Post office	Recognition/Appreciation	India Post, Tambaram Division,Chennai	25
[View File](#)			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Energy Conservation	Department of Petroleum Engineering, Academy of Maritime Education and Training (AMET)- J Tech Instruments, Chennai	Awarness on LPG -Advantages	1	6
Swachh Bharat	Panchayat Union Middle School, Department of Physics, Academy of Maritime Education and Training (AMET)	Awareness on 'Health and Hygiene'	1	5
Awareness Programme/Extension Activity	IDBI Bank, AMET Business School, Academy of Maritime Education and Training (AMET)	Awareness Programme on Financial Instrument in IDBI Bank"	1	5
Extension Activity	NSS, Department of English, Academy of Maritime Education and Training (AMET)	15days Language Teaching	1	15
		[View File](#)		

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Faculty Exchange Programme by the Department of Mathematics, Academy of Maritime Education and Training (AMET)	Dr. K. K. Viswanathan, Department of Mathematics, Associate Professor, Kuwait College of Science and technology, Kuwait.	Academy of Maritime Education and Training	30
Joint publication	Bragadeeswaran S. and Sri Kumaran N.	Academy of Maritime Education and Training	180
Training for	Vijayaraj	Academy of Maritime	50

advanced Research		Education and Training	
Training for advanced Research	Padmashini	Academy of Maritime Education and Training	40
Academic Development	Mohammed Ashik	Academy of Maritime Education and Training	18
Sharing of Research Facilities	Arul Delpin Sutha	Academy of Maritime Education and Training	25
[View File](#)			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Academic Development	Internship	Hindustan Shipyard Ltd	01/07/2019	17/07/2019	Mugesh kannan
Academic Development	Internship	Sri Ram Ganesh Co	27/05/2020	05/07/2020	Mohammed Ashik
Training for Advanced Research Method	Sharing of Research	CAS in Botany, University of Madras	29/07/2019	22/08/2019	Arul Delpin Sutha
Research Project	Project	New Mangalore Port trust	01/06/2019	07/06/2019	Bhavith krishna
Academic Development	Short term training	Centre For Advanced Studies In Botany	28/05/2019	17/06/2019	Bhuvaneswari
[View File](#)					

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Scientific Food Testing Services (P) LTD	04/07/2019	On the Job Training	21
Puducherry Academic Researchers Academy	13/08/2019	Collaborative research	63
Top Freshers Technologies Private Limited	29/07/2019	On the Job Training	1042

Central Institute of Brachiswater Aquaculture-ICAR	12/09/2019	Collaborative research and Student Training	17
TVS Training and Services Limited	30/08/2019	On the Job Training	28
DK International Research Foundation	16/09/2019	Collaborative research	88

[View File](#)

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
246000000	240345803

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Others	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added

[View File](#)

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Autolib Library software	Fully	Java V6.0	2008

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	77521	66213579	10948	4507307	88469	70720886
Reference Books	9853	23827222	4416	2084711	14269	25911933

e-Books	40000	249502	60000	324588	100000	574090
Journals	1209	7976256	132	441577	1341	8417833
e-Journals	35635	4109482	29730	2005405	65365	6114887

View File

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr.Shameem Anwar Dr.Rengamani.J	Shipping Finance	Private Mooc Platform-https:// teachersacademy.co.in /course/Shipping finance	30/08/2020
Dr.M.Subha Ms.U.Pushpalatha	Introduction to Phonetics	Private Mooc Platform-https://teachers academy.co.in/ course/ An Introduction to Phonetics/	30/08/2020
Dr.Shameem Anwar Dr.Rengamani.J	Fundamentals of Shipping Finance	Private Mooc Platform-https://www.udemy.com/course/fundamentals-of-shipping-finance/	28/08/2020
Dr Rajasekar D	Introduction to Accounting	Institutional LMS - (Learning Management System) https://camu.in/index#/TeachingContent	03/12/2019
Dr.D.Arivazhagan	Stores and Inventory Management -Warehouse And Its Concepts	Institutional LMS-- (Learning Management System) https://camu.in/index#/TeachingContent	03/12/2019

View File

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	1348	369	1348	40	550	131	258	1100	2
Added	180	120	180	0	0	0	60	0	1
Total	1528	489	1528	40	550	131	318	1100	3

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Audio Visual Centre	https://www.ametuniv.ac.in/audio-visual-centre.html
AMET EMRDC - Youtube Channel	https://www.youtube.com/channel/UCtA5Z10ojA-qGkuzoYbO4tw
MYCAMU-LMS	https://camu.in/index#/TeachingContent
uLektz-LMS	https://www.ulektz.com
AMET ERP	http://erp.ametonline.com/amet/
AMET Video Lectures	https://www.ametuniv.ac.in/video-lectures.html
Educational Material Resource Development Centre (EMRDC)	https://www.ametuniv.ac.in/emrdc.html

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
105000000	94618006	152500000	141927009

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The University has well established system with a perspective plan for maintaining and utilizing physical, academic and support facilities - laboratory, library,sports complex, computers,classrooms. The Planning and Monitoring Board of the university periodically meets to assess the creation, maintenance and utilization of physical, academic and support facilities. This is taken up in the Finance Committee and then approved by the Board of Management. There is a separate Civil and Maintenance Department to create, maintain and operate physical, academic and support facilities. University as a separate department known as Maintenance Department. This Department has taking care of Day to day maintenance of building (Housekeeping,Civil, Electrical, Carpentry, and Plumbing works) are carried out under the supervision of block level supervisors based on the feedback received through faculties , students and university grievance mechanism. Library facilities: The Library Committee of the Dr.V.B.S.Rajan Library helps in monitoring, facilitating and suggesting the maintenance and utilization of library facilities. Laboratory facilities: The Heads of University Department proposes the establishment of laboratories based on the requirement of the curriculum. The upgradation and maintenance of laboratory facilities are also undertaken as and when needed for which separate forms and procedures are established. Sports facilities: The Department of Physical Education and expert committee recommendation are forwarded to the Vice chancellor through Registrar for approval for the establishment of sports infrastructure facilities and are discussed and approved in the Planning and Monitoring Board and Board of Management as per standard policy and procedures. Maintenance of Infrastructure and IT facilities : University has well established mechanism of maintaining of IT infrastructure and building. There are specific personnel appointed for maintenance of infrastructure (buildings, electrical furniture and transport) and IT Support Separate IT Support

Department has been exclusively working for maintaining of systems, Networking and ICT tools Due to the large number of computers and networking, a Systems Administrator and a Network administrator with their staff look after the maintenance of computers and the networking. Maintenance of laboratory Equipments and Instruments : • Periodical maintenance of the equipment is carried out at the end of every semester. • Stock entry is maintained in the laboratories. • As per the requirement minor repairs are carried out by the lab assistant or faculty member. • Maintenance of computers is taken care by IT maintenance department. • Major repairs are outsourced by following the procedure of the institute. • The instruments are serviced / calibrated by service engineers of specified companies. The measuring instruments are calibrated regularly by group is outsourced to a Standards Organisation or its authorized agents.. • The Annual Stock Verification is carried out to identify the working of machinery, equipment and repairs are being done at vacation. Inventory Audit, Internal Audit, Academic and Administrative Audit, Energy Audit were conducted and necessary follow up actions were taken for upgradation and maintenance of the facilities.
https://www.ametuniv.ac.in/IQAC/infrastructure-policy.pdf

https://www.ametuniv.ac.in/IQAC/infrastructure-policy.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Scholarship	1420	23167350
Financial Support from Other Sources			
a) National	Government and NGO Scholarship	672	6248500
b)International	0	0	0
View File

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Language lab	08/08/2019	185	Department of English, AMET
IELTS class	09/08/2019	430	IELTS Centre, AMET
Softskill development	08/08/2019	448	BRAINWICH LEARNING SOLUTIONS PRIVATE LIMITED (BRAND - Scale Up)
Career Counselling	09/08/2019	722	Career Development Centre, AMET
Guidance for competitive examinations	05/08/2019	559	Career Development Centre, AMET
View File

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Coaching for Competetive exam (IELTS/ GATE/Govt. exams) and There days Short Term Course on Quantitative Aptitude Tricks and Techniques	549	7949	16	433

View File

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
A.P. Moller Singapore Pte Ltd	378	126	Inchcape Shipping	21	10

View File

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	20	BBA	AMET Business School	Academy of Maritime Education and Training	MBA
2019	2	Bachelor of Engineering	Mining Engineering	Malla Reddy Institue of Technology, Hyderabad	ME

2019	18	Bachelor of Engineering	Mechanical Engineering	Academy of Maritime Education and Training	ME
2019	18	Bachelor of Engineering	Electrical and Electronics Engineering	Academy of Maritime Education and Training	ME
2019	18	Bachelor of Engineering	Naval Architecture and Offshore Engineering	Academy of Maritime Education and Training	ME
2019	1	Bachelor of Engineering	Food Processing Technology	Central Food Technological Research Institute, Mysore	ME
2019	1	BBA	AMET Business School	Massey University, Newzealand	Master of Management (Human Rresource Management)
2019	1	Bachelor of Engineering	Naval Architecture and Offshore Engineering	Great Eastern Academy, Mumabai	ME
2019	1	B.Com.	Maritime Commerce	London South Bank University	M.Sc.International Accounting Finance
2019	1	BBA	Management Studies	Massey University, Auckland campus, New Zealand	MBA

View File

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
Any Other	15

View File

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
A National Level Sketching Competition through online	National	44
A National Level Solo singing Competition through online	National	16

Inter - university Cultural Fest - OASIS 2020	National	877
Pongal day Celebrations	National	1223
71st Repuplic day Celebrations	National	155

View File

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	International Level Sports Festival – RIVIERA Organized by VIT, Vellore from 12th Feb to 15th Feb 2020 – Gold Medal	International	1	0	BE-ME – 2609	Cadet . Subhash
2019	Open National Level Athletics organized by Shivaji college, sports complex, Newdelhi on 1st February 2020 – Gold Medal	National	1	0	MECH – 422	Mr. P. Ragul
2019	Solo Singing	National	0	1	2076A	Ajith .S. Krishnan
2020	Solo Singing Co mpetition through online	National	0	1	OSS17	R Sujithra

View File

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Student Council exists to enhance the overall graduate experience at AMET

(Deemed to be University) by promoting the general welfare and concerns of the student body, creating new programs and initiatives to provide opportunities for growth and interaction, and communicating with the AMET University Administration and Faculty on behalf of students. The council aim to imbibe and inculcate the Vision, Mission and Core values of the University to provide constructive feedback on various aspects of campus life- academic programs, general discipline, library facilities, maintenance of the campus and other student service facilities to assess and improve the potential for student placements and facilitate internship to assist the anti-ragging committee to curb the menace of ragging completely to identify and suggest methods of improving student life and student conduct and discipline to suggest and implement student projects for holistic development to identify, assess, evaluate and suggest the student perspectives in the development of Arts and Culture, Sports and Games, and other co-curricular/extracurricular activities including student participation to assist student movements, Peer Education Program, Cultural team, Sports and Games, etc. to help interlink students, faculty, staff and management of the university effectively to forge an academic community. AMET ensures the representation of students on Academic and Administrative bodies in the following ways 1. Students Council has been created with Students as Office Bearers. A Senior faculty has been positioned as Advisor and Coordinator for the activities of Student Council. Student Council meets at periodical interval and as and when required. The Student Council recommendations, suggestions, feedback are considered by Authorities of the University. Whenever some new initiatives with reference to student welfare and activities, the representation from Student Council is taken. Besides, Student Council Members are empowered to hold meetings of students and submit the recommendations, suggestions and feedback. 2. Student Council is organizing fairs, exhibitions and shows which is entirely administered by the students 3. Students are members in the academic bodies that take policy decisions and undertake academic and administrative works such Academic Council, Board of Studies, Class Committees, Institution Innovation Cell etc The activities conducted by student council are:- Art competeion on childrens day on 14th November 2019 at AMET university and Awarness programme on Drug abuse/weed bad effects on 13th September at Shri Janakiraman Auditorium. The following decisions were taken during the student council meeting in 2019-20:- to adhere the regulations of the DGS Non DGS students minimum attendance percentage changes in CAT examination exemption in submission of assignment for the students enrolling in NPTEL severe action against the students roaming in the campus during class hours internship for students in 4th and 6th semester, industrial visist/port visit for the students to provide research fund for the students doing basic research for Rs.10,000 registration of students in Earn While You Learn Scheme to motivate the students and staff members it was decided to give awards decent dress code to be followed in campus mandatory for all DG cadets to put biometric every day.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. AMET Alumni Association has been registered on 28th September 2015 at the Office of the Registrar, Chengalpattu (Ref No 135/2015) • AMET is a Global Institution of higher learning in marine and maritime studies. The students and cadets of AMET are placed worldwide and are occupying at high positions. The Alumni Association of AMET University makes the students feel obliged and honored to return the favors and successes as well as the Alma Mater also get benefit and grow enormously in terms of both academics and administration at national and international level. Having realized this very basic fact, AMET has established AMET Alumni Association. AMET which is 26 years old Institution

has a good strength of alumni and the alumni contacts and references are maintained from the first batch of students onwards (14 students during 1993). AMET has a good tradition of inviting our luminary alumni for various functions at AMET as Chief Guests and they are honored suitably. In all such occasions, the alumni relationships are strengthened which has resulted in enhanced academic atmosphere at AMET and also considerably enhanced the placement of students in shipping companies. The following are the objectives of AMET alumni association • To encourage the members to take active interest in the activities and progress on the Alma matter • To award scholarship and Aid to needy students of the College • To provide assistance and facilities for all round development of the College • To keep Alumni informed about the Alma Maters • To promote the social, moral, cultural and material welfare of the members • To develop friendship with fraternity, better understanding, congenial relationship, tendency to help with each other among its members • To preserve the continued relationship with its Alma mater and to extend their helping hand all the time in the acceleration of all such Welfare schemes, as may be beneficial to its members as well as others, viz. Creation of Endowments, Student Scholarship Fund, Orphan Fund, Common Good Fund, etc. Activates of AMET alumni association are mentioned below:- • Alumni Meet -Department of Marine Engineering • Alumni Meet -Department of Nautical Science • Alumni Meet -Department of Naval Architecture and Off Shore Engineering • Alumni Meet organized by Department of EEE • Alumni Meet by department of Petroleum Engineering • Alumni Meet by Harbour and Ocean Technology • Guest Lecture on Safety in Marine Engineering • Alumni Meet by AMET Business School • Alumni Guest Lecture on corporate expectation by AMET Business School • Alumni Meet by Department of Mechanical engineering • Alumni Guest lecture by department of Mechanical Engineering, Marine Engineering, Nautical science, Naval Architecture, EEE, Petroleum Engineering, AMET Business school and Maritime Commerce and Marie Bio-technology. Sponsorship • AMET Alumni association has fully sponsored the up gradation of Educational Material Resource Development Centre (EMRDC) as a holistic Media Centre for Rs.7,08,000 and contributed for the Construction of Kaveri Hostel for International students sponsored by AMET alumni association for Rs.40,00,000

5.4.2 – No. of registered Alumni:

12217

5.4.3 – Alumni contribution during the year (in Rupees) :

9027766

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meet -Department of Marine Engineering Alumni Meet -Department of Nautical Science Alumni Meet -Department of Naval Architecture and Off Shore Engineering Alumni Meet -Department of Electrical and Electronics Engineering Alumni Meet -Department of Petroleum Engineering Alumni Meet -Department Harbour and Ocean Engineering Alumni Meet-Department of Marine Biotechnology Alumni Guest Lecture on Business Prospects in Marine Biotechnology Guest Lecture on Safety in Marine Engineering by the Department of Marine Engineering Alumni Meet by the Department of AMET Business School Alumni Guest Lecture on Corporate Expectation by the Department of AMET Business School Alumni Meet by Department of Mechanical Engineering Alumni Guest lectures on Recent Trends in Materials by Department of Mechanical Engineering, Alumni Guest lectures on Marine Safety Rules by the Department of Nautical science, Alumni Guest lectures on Structural Design by the Department of Naval Architecture and Off Shore Engineering Alumni Guest lectures on Renewable Energy by the Department of Petroleum Engineering Alumni Meet- Department of Mechanical Engineering Guest lecture on Career Growth in Global Logistics and Supply Chain Sector

Guest lecture on Role of Port and Terminal in shipping business in India Guest lecture on Career Opportunities in Logistics Gust lecture on Success of Smart work in Corporate Guest lecture on Employee Involvement in Work Guest Lecture on Latest Automation on Board ship Guest lecture on RT-Flex Man ME Engine Guest lecture on Life at Sea Guest Lecture on Liner shipping Business Guest lecture on Higher Education Opportunities in Abroad for Biotechnology students Guest lecture on Advanced Propulsion system in ship Guest lecture on Modern Power Generation and Distribution in onboard ship Guest Lecture on Scope of Dredging Industry

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Vision To sustain identity as a World Class Leader in Maritime Education and empower learners with wholesome knowledge through progressive innovation in training, research and development which will render students a unique learning experience and a transformation impact on the Global Society. Mission AMET will strive continuously to 1. Impart value-based higher education and technical knowledge with uncompromising strides of an outstanding quality. 2. Emerge as a Centre of Excellence inculcating skill development in recent technologies in accordance with industrial trends 3. Create World class research capabilities on par with the finest in the world and broaden student's horizons beyond classroom education. 4. Nurture talent and entrepreneurship and enable all round personality development in students. 5. Empower students from across socio economic strata. 6. Make a positive difference to society through technical education. Quality Policy Academy of Maritime Education and Training (AMET) is committed to provide highest quality in education and be the most preferred institution for pursuing marine and marine related Programmes. This will be achieved by consistent focus on: Providing a conducive, vibrant, progressive and enriching learning environment. • Teaching Excellence and Research output • Global outlook and engaging with the world through learning, teaching and research •Attracting the best and the brightest students. • Providing competitive advantage in gaining employment or further academic opportunities. • Maintaining excellent links with commerce and industry both nationally and internationally. • Complying with all applicable requirements and continually improving the effectiveness of the Quality Management system. Two practices of decentralization 1. University has opened separate bank accounts for major Departments HoD can operate the account for which money will be transferred by the Registrar. Similarly, every funded research project has separate bank account and the entire expenditure are managed with it. Principal Investigators are empowered to get the purchase done through formal procedures. 2. New sub-units/Divisions/Centres/Units are established with appropriate coordinators who engage the works independently and report to the Authorities. For example, Deputy Director Faculty research Publications handle all the incentive requests for research publications while Director Research administer the PhD programme. Two practices of participation management: 1. Though Vice Chancellor is empowered by the Board of Management to take policy decisions and later report to the BoM, policy decisions on academic matters are discussed in the HoDs meeting and with the participation of all Heads such new changes are brought in. 2. University has included all the stake holders such as Faculty, Students, Alumni and Employer in decision making bodies such as Academic Council and advisory bodies such as Student Council, IQAC etc. Collective decisions are taken and implemented collectively.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Curriculum Development AMET University has adopted Choice Based Credit System (CBCS) during 2015. The University has a strategy to continuously improve the CBCS system in order to ensure the curriculum development. In this regard, the following strategies are adhered: 1. Curriculum Development is to be need oriented. 2. It shall also focus on Outcome Based Education with defined objectives and outcomes at all levels 3. The Curriculum development shall also involve inclusion of technology such as Information Communication Technology (ICT). 4. While curriculum development, the University provides much emphasis on employability, entrepreneurship and skill development as main components. Curriculum Design and Development Procedure. 1. Mapping the need for design and development of the curriculum which is achieved through feedback from various stakeholders such as industry, employers, students and alumni, parents and peers. 2. Design and development of the curriculum and syllabus by taking into the considerations of vision and mission of AMET, national needs, international competition and industry needs. This is done by the various Board of Studies with the involvement of stakeholders. 3. Approval of the curriculum and syllabus by the Academic Council. 4. As and when required with reference to the changes in societal needs, feedback from stakeholders and peers, changes in the global scenario and industry sector, the curriculum and syllabus are redefined by Board of Studies and implemented with the approval of Academic Council. While designing the curriculum, AMET takes into consideration the emerging needs in marine related areas, expectations of the stakeholders, scope for the research and global demands. Academic Flexibility: The Choice Based Credit System (CBCS) which was implemented from 2015, provides academic freedom and flexibility to the students. As a progressive move towards achieving highest benefits of academic flexibility, students are given

	opportunity to register themselves for the MOOCs in online platforms such as SWAYAM, NPTEL etc. This Study from Home option provides students a flexible mode of learning at their convenience. The credits earned through online courses are considered to calculate GPA and CGPA. Courses provide ample opportunity to enhance capability of the students both vocationally and professionally.
Teaching and Learning	AMET gives top priority for teaching and learning. Under the CBCS system, the University envisages a student centric teaching and learning process. The University also gives equal importance to: 1. The differential needs of the diverse category of students 2. Adopting learner centric methodologies such as participative learning and experiential learning 3. Promoting the use of technology in the teaching learning process 2. It shall also focus on Outcome Based Education with defined objectives and outcomes at all levels 3. The Curriculum development shall also involve inclusion of technology such as Information Communication Technology (ICT) 4. While curriculum development, the University provides much emphasis on employability, entrepreneurship and skill development as main components As a measure to implement the above strategies, University has adopted the following methodologies: 1. Constantly upgrading the capabilities of Faculty by organizing Faculty Development Programmes and sensitizing faculty to attend FDPs in other Institutes. 2. Academic Audit has been conducted for every academic year as one of the tool to monitor the effectiveness of the teaching and learning process. During 2017-18, the Academic Audit was conducted by the IQAC during January 2018. 3. AMET follows teaching learning processes such as Final Year Projects and Mini Projects, Internships, Field Trainings, Student seminars and assignments, Real Life hands on Training apart from regular class room teaching. All the 169 Faculty Members have participated in any one or most of the above category Faculty Development Programmes or such events. University has conducted 5 FDPs during 2017-18 excluding seminars, conferences and

	workshops. 4. University has incorporated technology to enhance teaching learning processes by the way of providing softwares, deploying ICT resources, following alternative teaching methods such as flipped classrooms, ICT enabled education through NPTEL/SWAYAM, use of mobile technology, conducting conferences and workshops, organizing lectures through video conferencing, promoting the use of econtents such as videos, e-books etc. All the classrooms are ICT enabled among them 37 are smart class rooms.
Examination and Evaluation	AMET envisages the examination and evaluation procedures shall be the extension of teaching and learning with the ultimate aim of enhancing the knowledge and skill of the students. AMET constantly improve the efficiency of the examination and evaluation system with less errors. AMET also ensures transparent in the processes. The overall examination and evaluation methodologies followed at AMET are a tool to test the competency of the students of diverse categories. Steps taken for improvising the examination and evaluation processes are 1. The Examination and Evaluation Processes are computerized. 2. Introduction of answer scripts with pre-printed details of students including photographs as enhanced. 3. Answer scripts are improved with latest Optical Mark Recognition (OMR) to make it more technical friendly. 4. University has made a pilot study with online evaluation of scanned answer scripts. It will be improvised. 5. Bar coding has been made in all answer scripts 6. PhD Evaluation Procedures are reviewed. A strategy has been adopted to complete the entire evaluation procedure in six months' time 7. URKUND, the anti-plagiarism software suggested by the INFLIBNET UGC has been purchased and employed for the detection of similarities or plagiarism.
Research and Development	AMET facilitates all faculty to take part in active research and publish papers in reputed journals and present in conference proceedings. We also provide with ample research facilities for the faculty with research equipment, laboratory usage, testing facility, research labs, etc., AMET

	also provide with various facility like providing with research incentives for publishing papers and provide other support for faculty. AMET faculty have published more than 300 papers in reputed journals in UGC listed journals and SCOUPUS indexed journal.
Library, ICT and Physical Infrastructure / Instrumentation	AMET is consciously upgrading the Library, ICT and physical infrastructure including instruments. Strategies adopted are 1. Inclusion of technology in Library and teaching learning processes 2. Upgrading existing facilities 3. Strengthening existing facilities with additional and new features/equipments 4. Maintaining the facilities and instruments AMET has included three new digital databases in the Prof VBS Rajan Library. In addition to this 10495 new e-journals were also added in addition to the existing 169 e journals. A total of 51111 new e books were added in the Library. With reference to ICT, 37 class rooms have been upgraded as smart class rooms while all the class rooms are having ICT facilities. A total of 109 new computers have been added for research, administration and teaching purposes. Ten new equipments worth more than Rs 1 lakhs have been purchased and installed in this academic year.
Human Resource Management	1. AMET has a Human Resource Development Cell which organizes Faculty Development Programmes 2. The Centre for ICT Enabled Education organizes training programmes for the promotion of technology use among Faculty
Industry Interaction / Collaboration	The Industry Institute Collaborative Cell has been established and strengthened. The Cell is frequently organizing orientation programmes, events etc. The Cell also establishes memoranda of Understanding with industries. The cell acts like a bridge between academic talent in the University and industry
Admission of Students	AMET practices the following strategies with reference to admission 1. Advertisement about the programmes offered, date of application sale, date of entrance examination and interview 2. Brochures and pamphlets are prepared and disseminated 3. Admission campaigns organized 4. AMET has participation in

E-governace area	Details
Planning and Development	AMET has an inbuilt Enterprice Resource Planning systems which augments the e-governance of planning and development aspects of various facets. The ERP is integrated with Learning Management System (LMS) CAMU ERP . The curricular planning and development are governed using the CAMU ERP.
Administration	The ERP supports administration processes as well. In addition, the University uses e mail system as an effective way of communication. SMS are also used extensively for communication through ERP.
Finance and Accounts	The financial and account related works are handled through partially ERP and fully with TALLY. Electronic payments are also accepted and e payment facilities are notified in the University website
Student Admission and Support	The Admission Section of the ERP helps to administer admission related works such as entrance examinations, eligibility information, perfromance, hall tickets, admission card generation and notification. Separate admission portal has been created in the website to facilitate student support. Webportal are created to enable students to submit their feedback and grievances. The Online Grievance Redressal Portal enables the students to track the progress of student grievance redressal.
Examination	There has been a separate Examination Management System indigenously developed by the University which handles 100 of the examination process electronically. The non-confidential parts of the system are also integrated with ERP system to facilitate overall e governance.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended	Name of the professional body for	Amount of support

Year		for which financial support provided	which membership fee is provided	
2020	P.Sathish Khanna	Innovation And Challenges In Global Business	-	750
2019	Dr. V. Karthikeyan	Cutting Edge Technologies In Power Conversion And Industrial Drives (Pcid 2019), Bannari Amman Institute Of Technology	-	1000
2019	A.R.Sivaram	International Conference On Recent Innovations And Developments In Mechanical Engineering(Icridme '2K19), Bharath Institute Of Higher Education And Research, Chennai	-	1000
2019	Dr.A.Manoj Kumar	International Conference on Sports Management and Womens Role is Sports And Entrpreneurship - Pondicherry University, Puducherry	-	3000
2019	Dr.D.Rajasekar	-	IRED Institute Of Research Engineers And Doctor	500
2019	Dr. K. Rajesh	-	International Association Of Engineers	500
[View File](#)				

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

2019	5 days FDP on "Modeling Technologies and Control on Electric Vehicles"	-	25/05/2020	29/05/2020	10	0
2019	Webinar on Integration of Artificial Intelligence in the Oil Gas Industry	-	26/05/2020	26/05/2020	12	0
2019	Impact of covid ,Teacherless TEaching - The Ekalavya effect	-	20/06/2020	20/06/2020	15	0
2020	-	Smart Learning with Excel – Basic to Intermediate	29/06/2020	30/06/2020	0	21
2020	-	Combating Loneliness During COVID 19	04/08/2020	04/08/2020	0	52
				View File		

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Instructional Design and Delivery System	18	17/08/2020	22/08/2020	7
Vertical Integration Course For Trainers	8	09/07/2019	19/08/2019	10
Accreditation and Outcome based Learning	5	01/08/2019	30/09/2019	91
		View File		

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
237	**237**	**170**	**170**

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
YES	**YES**	**YES**

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Yes, AMET organizes internal and external financial audit regularly at periodical intervals through qualified auditors. Accounts of AMET is prepared, audited and published annually. The University mobilize financial resources from Tuition Fee and other Annual Fee for students, grants from government and private bodies for the research projects, consultancy income, corporate training, alumni contribution, donations from individuals, philanthropers, private-corporate bodies etc. The income and expenditure details of the University are discussed in Finance Committee, establihsments are discussed in Planning and Monitoring Committee and purchase are monitored through separate Purchase Committee for each purchase items.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Rajeswari corporation	**1000000**	**Academic Infrastructure Facility**
[View File]()		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	**Yes**	**Each one Expert for each Department**	**Yes**	**IQAC**
Administrative	**Yes**	**Certified Third Party Auditors from Det Norske Veritas DNV**	**Yes**	**Trained Internal Auditors under ISO-QMS**

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Not Applicable. AMET is a Unitary Deemed to be University

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

1. The Parent-Teachers association is the backbone of University. The bridge between them is established by Green Card system which identifies the progress

and interest of the students. This system helps to address the needs of students. 2. Feedback from parents collected during 2019-20 helped to introduce more industry related activities. Based on their feedback many value added courses have been introduced. 3. The inputs from Parent-Teachers association helped the students in improving the industry readiness. This association also suggested for having 15 days induction programme for fresher's to introduce University culture.

6.5.4 – Development programmes for support staff (at least three)

1. The Human Resource Development Centre organizes many programme like Covid-19 Awareness programme, Smart learning with computer, Emotional well-being and Professional Competency etc., to improve the work and life style of supporting staff. 2. The technical departments impart knowledge on technical skills through training programme to enhance the working skills. 3. Appraisal system is being followed to measure and recognize the performance of staff by giving awards to best performing supporting staff.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

1.Mentor Mentee system has been strengthened through different stake holders participation in University Academic activities. 2. University has ensured 100 ICT Enabled Education in the campus through training programmes. 3. Good Research Culture has been Cultivated in the University. 4. Orientation programmes has been Conducted by IQAC for quality improvement 5. IQAC has formed a Core Working Group to facilitate the quality initiatives.

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	FDP on "E-Content Development"	12/06/2020	12/06/2020	12/06/2020	76
2019	Workshop on "E Content Development for MOOC platforms"	26/11/2019	26/11/2019	26/11/2019	112
2019	Special Lecture on "The Art of writing Research Articles"	12/07/2019	12/07/2019	12/07/2019	25
2020	Workshop on "NAAC Accreditation and Assessment Processes-Overview"	15/02/2020	15/02/2020	15/02/2020	123

Year	Title	Date	Date	Date	Participants
2020	Webinar on "The Crux of Online Teaching for Low Internet Bandwidth"	24/05/2020	24/05/2020	24/05/2020	162
2020	International Online Faculty Development Programme on "Significance of CO and PO Mapping in Course attainment"	17/06/2020	17/06/2020	17/06/2020	142
2019	Special Lecture on "The Art of writing Research Articles"	12/07/2020	12/07/2020	12/07/2020	25
2020	FDP on "Development of E-Content"	14/06/2020	14/06/2020	15/06/2020	82

[View File](#)

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness programme on Cyber Bullying Against Girls - Measures for their prevention	19/07/2019	19/07/2019	300	0
International Women's day celebration – 2019	03/10/2019	03/10/2019	40	110
Onam Celebrations	16/09/2019	16/09/2019	80	200
Women Empowerment ; Cyber Laws for Women	18/10/2019	18/10/2019	30	0

Programme on Gender Equality	15/11/2019	15/11/2019	80	120
Women safety while driving	03/12/2019	03/12/2019	40	0
Awareness Rally on protection of girl child	24/01/2020	24/01/2020	50	0
Gender Equality Promotion Programme	08/01/2020	08/01/2020	40	30
Pongal competitions for women	15/01/2020	15/01/2020	60	520
An awareness Programme on "Women safety with Kavalan app"	26/01/2020	26/01/2020	130	0
Gender Champions	31/01/2020	31/01/2020	40	25
Women's Day Celebration	07/03/2020	07/03/2020	40	85
Awareness on Gender Equality	04/03/2020	04/03/2020	26	36
Awareness Programme on Girls Education	10/04/2020	10/04/2020	120	0
Awareness on CHILD ABUSE PROTECTION	10/04/2020	10/04/2020	120	0
Save girl child / Zero tolerance on female genital mutilation	05/03/2020	05/03/2020	26	0
Gender Sensitization Orientation	08/06/2020	08/06/2020	40	721
Gender Sensitization Orientation	09/06/2020	09/06/2020	40	721

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Total electricity consumption of the university is an average of 4000-5500 units per day . The university is equipped with 30KVA solar panel generating an average of 4000 units per month. The 48000 Units per year of power generated by the renewable energy sources reduces the power consumption of the university. University is keen on saving the energy through the usage of LED lamps by replacing conventional lamps and also installed sensor based energy conservation technique.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	20
Provision for lift	Yes	20
Ramp/Rails	Yes	20
Braille Software/facilities	Yes	20
Rest Rooms	Yes	20
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	5
Any other similar facility	Yes	20

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	31/07/2019	1	Rally on Rain water Harvesting, Kanathur	Rain Water Harvesting	56
2020	1	1	28/09/2020	1	Outreach Program on Marine Technology	Outreach Program	10
2020	1	1	23/01/2020	1	Fishing Boat Maintenance	Boat maintenance for fisherman	45
2020	1	1	24/01/2020	1	Career Guidance in Logistics Management	Community Activity	12
2020	1	1	28/02/2020	1	Awareness on Marine Pollution	Awarness programme on Marine pollution	45
View File							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct Hand Book	01/07/2019	CODE OF CONDUCT HAND BOOK 1. Students 2. Teachers 3. Governing Body 4. Administration including Vice Chancellor, Director, Principal, Officials 5. Support Staffs Students ? Every Student should pay due respect by remains in standing position whether it is in class room or in the campus, when the Prayer song is recited. ? The working hours of the University shall be from 9.00 a.m. to 5.00 p.m. ? Special Coaching classes, Value added programs Foreign Language Classes, etc. will be conducted between 4.00 and 5.00 p.m. on every working day. ? Be punctual in attending the classes and the Latecomers will not be given attendance for that particular hour. ? Absence for anyone of the hours shall be treated as absent for the entire Fore-noon session and so as with the same case in the After-noon session as well. ? Monthly attendance particulars of every student will be displayed in the University Website, besides communicating the same individually to every parent. ? 90 and 75 percentage of attendance is compulsory for the DG and Non-DG courses, respectively to make the students eligible for appearing the End Semester Examinations. Teachers ? Every Teacher shall discharge his/her duties efficiently and diligently to match with the academic standards and performance norms laid down by the College

Management from time to time. ? Every Teacher shall update his/her knowledge and skills to equip himself/herself professionally for the proper discharge of duties assigned to him/her. ? Every Teacher shall conduct himself/herself with absolute dignity and decorum in his/her dealing with the superiors, colleagues and students every time. ? No teacher shall absent himself/herself from duties at any time without prior permission from higher-ups. ? No teacher shall accept any honorary or other assignment given to him/her by any external agency without the prior permission of the College Management. ? No teacher shall associate with any political party or take part in any other organizational actively, which is not inline with the duties and ethics of the teaching profession. ? No teacher shall attempt to bring any political or outside pressure on his/her superior authorities in respect of service matters. ? No teacher shall participate in any strike or demonstration and /or indulge in any criticism of College Management policy or of the Government for any reason whatsoever. Governing Bodies • Board of Management The Board of Management shall be the principal organ of management and the apex executive body of the Institution Deemed to be University, with powers to make rules of the

Institutions Deemed to be University. The Board of Management shall be the final decision making body of the Institution in respect of every matter of the Institution Deemed to be University, including the academic, administrative, personnel, financial, developmental matters. • Academic Council The Academic Council empowered to To consider matters of academic interest either on its own initiative or at the instance of the Board of Management or those proposed by the departments / faculties and to take appropriate action thereon and exercise general supervision over all academic work of the institution deemed to be university and to give direction regarding methods of instruction, evaluation, and improvements in academic standards and Research • Planning Monitoring Board The Planning Monitoring Board shall be the principal Planning Body of the institution deemed to be university and shall be responsible for the monitoring of the development programmes of the Institution deemed to be University. Administration • The Vice Chancellor The Vice-Chancellor shall be the Principal Executive Officer of the institution deemed to be university and shall exercise general supervision and control over the affairs, and shall be mainly responsible for implementation of the

decisions of all its Authorities. The Vice-Chancellor shall be the Ex-officio Chairperson of the Board of Management, the Academic Council, the Finance Committee, the Planning Monitoring Board, and Selection Committees. • Registrar The Registrar shall ex-officio Secretary of the Board of Management, the Academic Council and the Planning and Monitoring Board, but shall not be deemed to be a member of any of these authorities. The Registrar shall be directly responsible to the Vice-Chancellor and shall work under his direction. Support Staff • Staff members should display the highest possible standards of professional behaviour that is required in an educational establishment • Staff members should seek to co-operate with their colleagues, providing support, help and guidance as required by them and Head of Department (HOD) / administrative head, and enable effective communication throughout the institute. • Staff members should not use their position in the institute for private advantage or gain. • Staff members should avoid words and deeds that might bring the institute into disrepute or might undermine colleagues in the perception of others (staff/students/parents/community). • Staff members should retain professional independent objectivity and not promote dogma or political bias to others

			in their working activities.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Plastic Free Day	03/07/2019	03/07/2019	65
Awareness programme on Cyber Bullying Against Girls - Measures for their prevention	19/07/2019	19/07/2019	300
One Day Seminar on National Education Policy 2019 of Ministry of Human Resource Development, Govt. of India	23/07/2019	23/07/2019	150

View File

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Both the Centre for Clean Campus and Environmental Awareness (CCCEA-Advsiory Body) and ECOCLUB (student wing) are taking initiatives for an ecofriendly campus. Following activities are undertaken • Tree plantation • Waste segregation • Solid waste management • Awareness on the ill effects of plastic usage

Salient intiatives towards making the campus eco-friendly 1. Rain Water Harvesting System 2. Waste seggregation and recycling facility 3. Paper waste management and paper re-use 4. Reducing paper usage by increasing electronic communications 5. Pedestrian pathways 6. Solid waste management-composting facility 7. No vehicles day 8. Usage of bicycles 9. Replacing conventional lamps with LED bulbs and also installed sensor based energy conservation technique 10. Plastic free campus 11. Awareness programmes on Green Campus 12. Extension Activities on Ecofirendly concepts 13. Use of renewable energy: Solar panels 30 KVA 14. Electronic waste management 15.Bio Gas Plant

The University has conducted the following events which are aimed to make the campus ecofriendly during 2019-20 1.World Environment Day is celebrated through tree plantaion drive on 10.07.2019 2. No Vehicle day is celebrated on 16 August 2019 3. Herbal-Garden intiated and maintained by ECO Club 4. Environmental Audit and Energy Audit were conducted during 2019 5. Organized Rally on Ban Plastic on 11.07.2019

The University has conducted the following events which are aimed to make the campus ecofriendly during 2019-20 1.Swach Bharath Camp on 09.07.19 2.AMET Mission Green : Regreen Chennai Project – A Tree Plantation Drive and Seed Ball Preparation and Dispersal Event on 09.07.19 3.Solid Waste Management:Organic Waste such as kitchen waste and dry yard waste are collected . At a frequency of three days to keep the compost aerated after the period of maturation and curing the compost is used as manure for the development of green belt.

The University has conducted the following events which are aimed to make the campus ecofriendly during 2019-20 1.Solid Waste Management:Organic Waste such as kitchen waste and dry yard waste are collected . At a frequency of three days to keep the compost aerated after the period of maturation and curing the compost is used as manure for the development of green belt. 2. Civil and

Maintenance department of the university maintaining the water channel bodies in very systematic manner with water distribution charts. 3. Good number of tanks and bunds available at the university and it is maintained at periodical intervals . 4. University maintaining the pond with bunds which improves the ground water level along with rain water harvesting.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

INTERNAL QUALITY ASSURANCE CELL (IQAC) AMET BEST PRACTICES 2019-20 BEST PRACTICE 1 TITLE OF THE PRACTICE: CASH INCENTIVES FOR ENCOURGING FACULTY MEMBERS FOR HEALTHIER RESEARCH ACCOMPLISHMENTS Objectives of the Practice 1. To orient Faculty Members of the unique maritime education and training departments to publish quality research articles by giving cash incentives. 2. To recognize the Faculty Members who produce better research accomplishments with special reference to publication of quality research articles The Context Academy of Maritime Education and Training (AMET) was established during 1991 and declared as deemed to be University during 2007 under de novo category of the section 3 of UGC Act 1956. The University was accredited with Grade B by NAAC during 2015. There have been very few Higher Education Institutions involved in Maritime Education. Because of the inherent uniqueness, AMET has faced many constrains during NAAC, NIRF Rankings and other such common academic exercises. For example, the basic eligibility for Faculty Members of Nautical Science and Marine Engineering is not PG or PhD but the Certificate of Competency only. The Directorate General of Shipping (DGS) Government of India is the statutory/approving authority for maritime education in India. DGS recognizes Faculty Members with high competency even without formal UG/PG or PhD up to the level of Associate Professors to teach maritime education. AMET has planned to make systematic efforts to create a research ambience in the campus by organizing orientation programmes workshops, seminars, discussions and brainstorming sessions etc. While there are many incentive systems are there, AMET has taken up the CASH INCENTIVES as the way to appreciate and to promote Faculty in getting more research accomplishments. The Practice 1. AMET has intensified the number of orientation programmes and workshops or trainings related to promotion of quality research. 2. AMET has established a separate section, Centre for Faculty Research Promotion. With a Co-ordinator for these activities. The Co-ordinator is assisting in a systematic manner to orient the Faculty Members of the Departments which are relatively weak in research publication numbers 3. University provides publication charges, charges for analytical works for research and other expenses related to research and publication. 4. In addition, University provides financial incentives for those who publish in reputed journals with impact factors. 5. AMET also facilitates faculty to attend various forms of technology enrichment activities like Faculty Development Programmes, Seminars, Workshops to gain hands on experience, Conferences to present their research work in a open platform to other experts of the research domain, etc. 6. The faculty who are attending these kind of technology enhancement programme are provided with on duty to participate in such programmes and given financial assistance towards registration fees and travel allowance in some special cases. 7. Faculty who excel in research work by doing collaborative research with other institutes or universities are given with special considerations like on-duty to progress research work, reduction in individual workload of the faculty members, financial support for testing and experimental facilities. 8. Faculty those who excel in the research works are periodically awarded for the renowned academic year research excellence. 9. AMET always encourage the faculty in facilitating collaborative research with other institutes/organisation in order to bring quality research. 10. Seed money has been facilitated to the faculty members in order to bring out new innovations and projects in the respective domain to

progress quality research work in the institution. 11. Special incentives and awards has honoured to the faculty who excel the research work and get government or private external organisations research projects grants sanctioned to the faculty name in the institution. 12. Those faculty who are involved in government research projects are relaxed from the teaching work load in order to facilitate quality and on time delivery of the research work, 13. Those faculty who are awarded by the external organisations or institutes for the excellence in teaching learning works or research work or in any other related field are honoured by AMET in order to encourage them as well as to motivate other faculty members Thus, AMET has groomed its Faculty Members to get inclined towards research by giving all possible financial and intellectual supports which leads to relatively higher research accomplishments. Evidence of Success During 2008, AMET had produced only 5 publications in SCOPUS. It has increased to 235 during 2015 when AMET was assessed and accredited. By continuously upgrading the capacity of the Faculty Members and encouraging them with financial incentives, AMET has produced 897 articles in SCOPUS indexed journals during 2017-2018 (data from SCOPUS). At present, AMET has produced 1230 articles in SCOPUS indexed journals with 2334 citations. The quality research work as well as the collaborative research work by the faculty has been drastically increased by 200 in the past five years as well as the quality of the journals published by the faculty have increased in a very rapid level. The numbers of articles published by the faculty members have rapidly increased by 250 in the past five years which accounts to a very dynamic improvement of the institution. During 2015, the h index of the University is 4 and now it has reached 16 (SCOPUS data) due to the best practices followed in the University for promotion of research. Similarly the number of citations were also increased drastically in the past five years to 150 which indirectly implies that the quality of the research publication of the faculty members have improved a lot. Problems Encountered and Resources Required Problem encountered Resources Required/Plans engaged to rectify the problems Finding of suitable Journals in some of the Unique domains such as Nautical Science Interdisciplinary Journals have been identified and Faculty Members are oriented to publish interdisciplinary research Notes (Optional) Moreover, Faculty members of AMET have filed and published 45 patents. Besides, Faculty Members of AMET have received funded projects from government and private agencies and consultancy projects from industries worth several crores. Though maritime institutions like AMET deserve a separate assessment and accreditation pattern, it has not been considered so far. However, AMET has followed best practices for the improvement of research accomplishments as a measure for the promotion of quality metrics in research. Best Practive 2 TITLE OF THE PRACTICE:COMMUNITY BASED EXTENSION ACTIVITTIES TO IMPROVE THE SOCIO AWARENESS AND QUALITY ENVIRONMENT BY AMETIANS Objectives of the Practice: 1. To make the eco-friendly Environment as much as possible. 2. To encourage the students to understand the Reality of life 3. Meet the public and educate them to understand the social responsibility. The Context Through the outreach programme the University encourages the students and staff to 1. Understand the real life of the people 2. Assisting the public to understand the importance of environment 3. To orient them in ban on plastic, Keeping the surrounding clean and healthy and other hygiene problems 4. Creating green environment 5. To closely monitor all the student activities with many faculty and encourage them to do more social service. The Practice To implement the outreach programme, University requested each faculty should take part in at least one community service and one extension activity per academic year along with students. These activities properly documented by the faculty. Apart from faculties extension activity, NSS NCC students are also doing community service and extension activities. Most of the faculties got appreciation from Non-governmental organizations which are also part of those activities. Upon implementation of the system the student mind set totally changed and got a confidence that I can

express my thoughts, solve problems grievances which would be faced by public in a positive way. In this system the students came up with all their suggestions because all are responsible for the change in the society. Depending upon the nature of the comments given by public documented the valid and noteworthy comments were properly escalated till the higher authority in order to take necessary action to keep the society environment friendly. The student forum periodically revises the extension activities along with the staff co-ordinates. Evidence of Success The Outreach was considered to be a grand success as it was found that the students shared their thoughts and energy along with the faculty in helping the society whenever the opportunity given to them. The students showed interest and they came up their suggestions and the faculty too mentored the students while doing the service. In this academic year alone 184 awards and recognition received for extension activities from Government and other recognized bodies by our faculties. Some of the activities like Cleaning of children's Park and planting of trees, Awareness rally on Corona Virus, Women safety with Kavalan app and Awareness Campaign on personal health and good habits etc., Students participating in extension activities with Government Organizations, Non-Government Organizations and programmes such as Swachh Bharat, Gender Issue, etc. during the year. Problems Encountered and Resources Required The system was implemented successfully and students found a way of betterment in their expertise but one aspect that was a way to hinder the progress which was identifying Non-Governmental organization to participate in the activity.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.ametuniv.ac.in/IQAC/Best-Practices-2019-20.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

DISTINTIVENESS OF THE UNIVERSITY Academy of Maritime Education and Training deemed to be university is conducting maritime and marine related degree programmes as well as allied degree programmes. However, AMET is the only educational Institute in India to offer maritime and marine degree programmes and doctorate programmes under one roof. The University is in the process of transforming skill based maritime domain into knowledge based domain by creating and offering innovative and unique degree programmes at undergraduate, post graduate and doctorate levels. These disciplines cascading from ship design, ship construction, navigation, ship operation, ship maintenance, port planning and maintenance, marine life sciences, shipping business, logistics and maritime commerce etc are being offered at one place have the advantage of providing multidisciplinary exposure of highly unique disciplines. The International Association of Maritime Universities headquartered at Tokyo, Japan has been conducting PMIET Ranking as survey and listed AMET as one of the top 7 maritime Institutions in the world in Teaching, Research and overall grading for the past two consecutive years. Likewise, AMET receives A1 Outstanding Grade in Maritime Disciplines for the past five consecutive years in the Common Inspection Programme of the Directorate General of shipping (the regulatory and approving body for maritime programmes). For the first time in the world, AMET has established Maersk Centre of Excellence with a support of world shipping giant AP Moller Maersk. These unique assessment and accreditation tools helps AMET to get realistic ranks because of its distinctiveness in being a global maritime hub. HIGHLIGHTS OF THE UNIVERSITY • Conferred with the status of "Deemed to be University" under Section 3 of the UGC Act 1956 during 2007 • All the maritime programmes of the University are approved by Directorate General of Shipping (DGS) Government of India • All the

technical programmes of the University are approved by the All India Council of Technical Education (AICTE) while others are approved by the University Grants Commission • AMET is the First member from India in International Association of Maritime Universities (IAMU) • AMET has been ranked as the Best Institute in the Teaching Excellence and Research Contribution among maritime Universities in the world as evaluated by the PIMET Ranking of the IAMU for the past two years • AMET has also been privileged to have the prestigious award of "A-1 Outstanding Grade" from the Directorate General of Shipping continuously for the past five years • AMET has been accredited by National Assessment and Accreditation Council (NAAC), • Around 15,000 of our passed out graduates occupy exalted positions in Shipping Companies and maritime related areas all over the globe • The University has filed and published 45 Patents and 221 Books with ISBN were published by the Faculty Members from various departments of the University with different reputed Publishers. • AMET has so far published 3022 research articles in highly reputed SCOPUS / UGC indexed Journals with h index of 22 • AMET has produced 63 Doctorates in marine and related studies • AMET has 26 government

Provide the weblink of the institution
https://www.ametuniv.ac.in/IQAC/Distintiveness-of-the-University.pdf

8.Future Plans of Actions for Next Academic Year

INTERNAL QUALITY ASSURANCE CELL (IQAC) AMET FUTURE PLANS FOR THE ACADEMIC YEAR 2019-20 • To get NAAC Accreditation with A Grade (with a CGPA more than 3.6) which will facilitate AMET to start Off Campuses and Offshore Campuses • AMET is progressively marching towards getting established as an International Maritime Knowledge Hub by expanding its all-academic, research and outreach activities in the chosen fields • To attract highly qualified and experienced personnel for faculty positions for imparting quality education and skills and motivating them to do research with excellent financial compensation in a congenial working environment. • To enhance laboratory facilities with state-of-the-art equipment and advanced technological tools for teaching and research purposes. • To reach out to industries, research laboratories and academic institutions around the world for collaboration and joint research programmes for identifying and finding solutions to technical and technological problems. • To concentrate on the environmental concerns plaguing the earth due to industrial activities and deliver mitigation efforts. • To reach out to the community through various programmes for awareness, involvement and participation to usher in a better society.