



Yearly Status Report - 2018-2019

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
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 M Jayaprakashvel
Phone no/Alternate Phone no.	04427444626
Mobile no.	9840529274
Registered Email	iqac@ametuniv.ac.in
Alternate Email	jayaprakashvel.m@ametuniv.ac.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://www.ametuniv.ac.in/IOAC/AMET-AQAR-2017-18.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/IOAC/academic-calendar-2018-19.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
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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
Colloquium by AMET	09-Nov-2018	45

Research Connect Forum on Doctorate Research-The ultimatum and Technical Writing for PhD scholars	1	
Nature and Wildlife Photography Exhibition	10-Nov-2018 1	160
Workshop on promotion of interdisciplinary research	22-Nov-2018 1	30
Orientation Programme on Priority Areas for Quality Improvement	09-Sep-2018 5	150
Interactive Session on Bibliography and Citation Tools	28-Mar-2019 1	22
Professional Development Programme for Non Teaching Staff	11-Jun-2019 1	35
Workshop on Outcome Based Education	28-Jan-2019 1	150
TREE PLANTATION DRIVE IN COMMEMORATION OF WORLD ENVIRONMENT DAY 2018	05-Jun-2018 1	35
Interactive and hands-on training cum workshop on	20-Jul-2018 1	40
NATIONAL WORKSHOP ON WORKSHOP ON E-LEARNING, MOOCS in SWAYAM/NPTEL AND PERSONALIZED EDUCATION	22-Sep-2018 1	120
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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	SIRO-Scientific and Industrial Research Organization	Department of Scientific and Industrial Research (DSIR)	2019 1046	0
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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 :	8

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)	
<p>*Structured and Implemented the Outcome Based Education in the University *Promoted the ICT Enabled Education in the campus by Conducting Faculty Development Programmes and training Programmes. *Promoted a healthy and quality research culture in the campus. *Identified priority areas for quality improvement and conducted orientation programmes for the same. *IQAC has formed a Core Working Group to facilitate the quality initiatives.</p>	
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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
Implementation of outcome based Education in the University	1. IQAC formed a separate committee i.e., Implementation and Monitoring Committee for OBE (IMCO) as a monitoring and implementing body for the OBE in the University 2. One workshop, one brainstorming session and two orientation programmes on OBE were conducted 3. Three IMCO meeting were held to implement the OBE 4. Forms and procedures for the OBE were prepared and circulated by the IQAC 5. OBE has been implemented from the Odd Semester of 201819 and its effectiveness was assessed through Academic and Administrative Audit
Promotion of the ICT Enabled Education in the campus by conducting FDPs and training programmes	1. Number of Classrooms with ICT facilities have increased from 35 to 86 2. One National level workshop and two orientation programmes on ICT enabled education were conducted 3. 100% of the teachers are using ICT resources for teaching and learning purposes 4. A total of 80 Video lectures were captured at Multi Media Centre and uploaded in LMS for student usage along with more than 200 study materials

Promotion of a healthy and quality research culture in the campus	1. Established AMET Research Connect Forum for discussing recent happening in Research. The ARCF has conducted six events in 2018-19 2. Conducted three workshops/orientation programmes for the promotion of research 3. Implemented the Academic Integrity Policy in the University to promote ethics in research 4. Funded research has increased. AMET has also sanctioned student projects and seed money for faculty. Altogether a total of 61 projects worth Rs 120.8635 Lakhs (INR)
Identification and promotion of priority areas for quality improvement and conducted orientation programmes for the same	The IQAC has identified Intellectual Properties, Student innovations and Start Ups in the Incubation Centres as the priority areas need improvement. Hence separate IPR Cell, Innovation Incubation Cell were established and activities were undertaken
Formation of a Core to facilitate the quality initiatives	IQAC has formed a Core Working Group which identified best practices and quality initiative all across the country. Salient initiatives have been undertaken in the University. For example, the CWG has identified the need of implementing the Outcome Based Education.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Board of Management	28-Aug-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
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Date of Visit	17-Dec-2018
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2019
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Date of Submission	07-Feb-2019
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Academy of Maritime Education and Training 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.
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 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 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	31/05/2018
BSc	UGN001	Nautical Science	31/05/2018
BE	UGA002	Naval Architecture and Offshore Engineering	31/05/2018
BE	UGA003	Petroleum Engineering	31/05/2018
BE	UGA004	Electrical and Electronics Engineering	31/05/2018
BE	UGA005	Mechanical Engineering	31/05/2018
BE	UGA006	Mining Engineering	31/05/2018
BTech	UGA007	Food Processing Technology	31/05/2018
BBA	UGN002	Shipping	31/05/2018
BCom	UGN003	Logistics & Computer	31/05/2018

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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	B.E -Marine Engineering - UGA001	31/05/2018	Technical English I -UDLEC01	31/05/2018
BE	B.E -Marine Engineering - UGA001	31/05/2018	Engineering Mathematics I - UDMTC01	31/05/2018
BE	B.E -Marine Engineering - UGA001	31/05/2018	Engineering Physics - UDPHC01	31/05/2018
BE	B.E -Marine Engineering - UGA001	31/05/2018	Basics of Electrical Engineering - UDEEC01	31/05/2018
BE	B.E -Marine Engineering - UGA001	31/05/2018	Engineering Mechanics I - UDMCC01	31/05/2018
BE	B.E -Marine Engineering - UGA001	31/05/2018	Computer applications - UDITC01	31/05/2018
BE	B.E -Marine Engineering - UGA001	31/05/2018	Induction program -UDVCC01	31/05/2018
BE	B.E -Marine Engineering - UGA001	31/05/2018	Engineering Graphics Laboratory-UDMCCPA	31/05/2018
BE	B.E -Marine Engineering - UGA001	31/05/2018	Basics of Electrical Engineering Laboratory - UDEECPA	31/05/2018
BE	B.E -Marine Engineering - UGA001	31/05/2018	Engineering Physics Laboratory I - UDPHCPA	31/05/2018

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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
ME	Naval Architecture and Offshore Engineering	31/05/2018
ME	Petroleum Engineering	31/05/2018
ME	Thermal & Fluid	31/05/2018

	Engineering	
ME	Power System	31/05/2018
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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
ME	Naval Architecture and Offshore Engineering	31/05/2018
ME	Petroleum Engineering	31/05/2018
ME	Thermal & Fluid Engineering	31/05/2018
ME	Power System	31/05/2018

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) for Marine Engineering	31/05/2018	197
Security Training for Sea Farers with Designated Security Duties (STSDSD) for Marine Engineering	31/05/2018	197
Engine room simulator course	31/05/2018	197
Wellness at Sea for Marine Engineering	31/05/2018	197
Specialized Welding	31/05/2018	197
Electrical Machines and Control	31/05/2018	22
Data Analytics with Python	31/05/2018	7
Computer Aided Design with CREO	31/05/2018	42
Computer Numerical Control Programming for Turning and Milling	31/05/2018	42
Latest Technology on Raspberry pi with IOT using Python	31/05/2018	31
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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	522

BSc	Nautical Science	560
BE	Naval Architecture and Offshore Engineering	185
BE	Petroleum Engineering	140
BE	Electrical and Electronics Engineering	72
BE	Mechanical Engineering	168
BE	Mining Engineering	40
BTech	Food Processing Technology	22
BBA	Shipping	112
BCom	Logistics & Computer Applications	12
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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
<p>Procedure for Collection, Analysis Action Plan Preparation and Reporting Action Taken of the Feedback from the Stakeholders 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. Faculty members are having opportunity to give their opinion through feedback on teaching, learning, evaluation, promotion of research, Consultancy extension, Infrastructure, faculty welfare, governance of Management and governance of administration. All the feedback are analysed and presented in appropriate bodies along with action plan, later action taken reports are also prepared and presented. Feedback analysis, action plan and action taken report are uploaded in the website. Details of the feedback mechanism ? AMET has separate structured feedback mechanisms on curriculum for all stakeholders on curricular aspects viz., students, teachers alumni, parents, employers. ? The feedback has been analysed by each department and submit the same to IQAC with findings and suggestions. This feedback analysis report has been discussed in the department meeting in length and the required findings and suggestions forwarded to the concern bodies like Board of studies, Academic Council, Board of Management for further action. ? The feedback is collected based on questionnaire format with anonymity. ? The feedback is collected either online or in printed forms in every semester ? The feedback forms are analyzed and reported in the academic bodies of AMET for appropriate action ? 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</p>

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. The analytical reports are reviewed at Department level and the salient features are utilized during the next cycle of curriculum revision in the BoS. The revised curriculum is then approved by the Academic Council which also represented by various stakeholders such as students, Faculty, Industry 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 2. Courses on Environment and Gender sensitivity are made as compulsory components of the curriculum 3. Internships are made mandatory 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

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	1483	189
BSc	NAUTICAL SCIENCE	360	1308	316
BE	NAVAL ARCHITECTURE AND OFFSHORE ENGINEERING	120	462	47
BE	ELECTRICAL & ELECTRONICS ENGINEERING	60	319	22
BE	PETROLEUM ENGINEERING	120	336	18
BE	MECHANICAL ENGINEERING	120	370	86
BTech	FOOD PROCESSING TECHNOLOGY	60	169	13
BE	MINING ENGINEERING	60	256	20
BBA	SHIPPING	120	571	120
BCom	LOGISTICS & COMPUTER APPLICATIONS	30	86	24

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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled	Number of students enrolled	Number of fulltime teachers	Number of fulltime teachers	Number of teachers

	in the institution (UG)	in the institution (PG)	available in the institution teaching only UG courses	available in the institution teaching only PG courses	teaching both UG and PG courses
2018	3063	236	165	26	191

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	Number of smart classrooms	E-resources and techniques used
191	191	10	105	38	19

[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-curricular, 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, mentoring 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
3063	191	1:17.3

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
225	191	34	47	70

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
2018	A.Manoj Kumar	Assistant Professor	NPTEL ELITE AWARD: Enhancing Soft Skills and Personality

2018	Dr. D. Arivazhagan	Professor	Teaching and Research Excellence National Award, IRDP Group of Journals
2018	Dr. M. Rajavelan	Assistant Professor	Outstanding Educator Award, International Institute of Organized Research
2018	Dr. T. Baldwin Immanuel	Associate Professor	Outstanding Educator Award, International Institute of Organized Research
2018	Dr. T. Sasilatha	Professor	Academic Leadership Award , International Association of research and development organisation
2019	Dr. K. Thiruvencatasamy	Professor	Invited As Expert, Zhejiang Ocean University, China Academic collaboration with scholars in ship and ocean engineering area
2019	Dr. V. Karthikeyan	Associate Professor	Best Senior Faculty Award, Dk International Research Foundation
2019	Dr. A. Shameem	Professor	Best Women Faculty Award, Comined society for educational research and development
2019	Dr. K. Anandan	Assistant Professor	Reviewer of Springer Nature - Journal of material science: Materials in Electronics
2019	Dr. Anitha Rexalin	Assistant Professor	Certificate of Reviewing, Journal of Emerging Technology and Innovative Research
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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
BE	UGA001	Semester	19/12/2018	05/01/2019
BSc	UGN001	Semester	21/12/2018	05/01/2019
BE	UGA002	Semester	19/12/2018	05/01/2019
BE	UGA003	Semester	19/12/2018	05/01/2019
BE	UGA004	Semester	17/12/2018	05/01/2019
BE	UGA005	Semester	17/12/2018	05/01/2019
BE	UGA006	Semester	17/12/2018	05/01/2019
BTech	UGA007	Semester	21/12/2018	05/01/2019
BBA	UGN002	Semester	21/12/2018	05/01/2019
BCom	UGN003	Semester	19/12/2018	05/01/2019

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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
23	3141	0.73

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
UGA001	BE	Marine Engineering	196	162	82.65
UGN001	BSc	Nautical Science	195	151	77.44
UGA002	BE	Naval Architecture and Offshore Engineering	78	69	88.46
UGA003	BE	Petroleum Engineering	129	128	99.2
UGA004	BE	Electrical and Electronics Engineering	24	22	91.67

UGA005	BE	Mechanical Engineering	42	41	97.62
UGN002	BBA	Shipping	87	65	74.71
UGN003	BCom	Logistics and Computer Applications	5	4	80
PGA006	MBA	Shipping and Logistics	71	64	90.14
PGA007	MSc	Marine Biotechnology	4	4	100
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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-2018-19.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	Dr.Suresh Sagadevan	Research	24/10/2018	Lunghwa University
International	Dr.K.Thanigai Arul	Research	01/10/2018	Tamkang University, Taiwan
International	Dr.D.Rajasekar	Research	16/08/2018	Eastern University, SriLanka
International	Dr.D.Rajasekar	Research	17/08/2018	Eastern University, SriLanka
International	Capt K.Karthik	Hosting silver jubilee celebration	17/07/2018	Singapore
International	Capt K.Karthik	IAMU Working group meet	04/08/2018	Tokyo
International	Capt K.Karthik	IAMU Working group meet	29/07/2018	Russia

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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
A.Dennis	1095	DST
A.Hameed Hussian	1095	DST

D.Anitha	1095	DST-SERB
D.Gowthaman	1095	AMET
Dr. M. SalaiMathiSelvi	730	AMET
J.Sakthivel	1095	BRNS
J.Visuvasam	1095	DST-SERB
K. Gugan	1095	AMET
Kurinjinathan	1095	AMET
Mr. N. Praveen Kumar	1095	Ministry of Earth Sciences
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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	1095	DST - Science Engineering Research Board, India	25.08	7
Major Projects	1095	Ministry of Earth Sciences	21.79	9.77
Major Projects	730	CSIR	17	1
Major Projects	1095	SERB	22.12	16.25
Major Projects	1095	DST SERB	13.32	3.15
Industry sponsored Projects	365	Terran Engineering Solutions PVT LTD	0.5	0.5
Industry sponsored Projects	292	PS Shipping Services, Chennai	0.5	0.15
Industry sponsored Projects	183	Sun Agro Biotech Research Centre, Chennai	0.68	0.68
Industry sponsored Projects	365	Lamda Instrument Pvt Ltd	0.8	0.25
Industry sponsored Projects	365	Vee Eee Technoligies Pvt Ltd	0.5	0.2
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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
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FRP Boat Building	NAOE	20/01/2019
Ship construction software its application	NAOE	31/07/2019
National Science Day celebrations on Modern Sciences for school students	Marine Biotechnology	27/02/2019
National seminar on scientific issues for the development of the Nation	Marine Biotechnology	28/02/2019
Workshop on Hands-on Training on Printed Circuit Board Design	EEE	29/01/2019
Insurance as a Product or Solution	Maritime Commerce	14/03/2019
Training on API Programs and Big Data	Maritime Commerce	30/03/2019
A Mathematical modelling of corrosion in marine Engineering	Mathematics	25/03/2019
National Seminar: Mathematics a key technology Engineering, Science and management	Mathematics AMET Business school	19/09/2019
One day National Seminar on 3D Printing of Composite Materials-A Digital Additive Manufacturing	Mechanical Engineering	15/03/2019
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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
DIY Wave Tank/flume Using Arduino and V-slot	Shubham Bhatt	Instructables (AUTODESK)	14/09/2018	Innovation
Best Young faculty	Dr.I.Paulraj Jayasimman	DK International Research Foundation, Trichy	30/12/2018	Research
Excellence Teaching in Higher Education	Dr.P. Balaganesan	VD GOOD Technology Factory	14/09/2019	Research
Leading Educationalist of India Award	Dr.S.Poongavanan	DKIRF (DK International Research Foundation)	31/05/2018	Leading Educationalist of India Award
Excellence	Dr.C. Manoharan	DK	30/12/2018	Excellence

teaching in Higher Education award		International Research Foundation		Teaching in Higher Education
Distinguished Scientist for the contribution and achievement in the field of mathematics	Dr.L.Rajendran	Venus International Foundation, Chennai	03/08/2019	Research
Best Researcher Award	Dr.D.Rajasekar	Indian Academic Researchers Association(IARA)	24/04/2018	Best Researcher Award
International best researcher	Dr.D.Rajasekar	International American council for research and development	20/12/2018	International best researcher
Research Paper presentation	S.Monisa	prince venkesthwara	01/02/2019	Innovation
Talent Performance	Sri Venkata pragatheesh	Bharath university	27/03/2019	Innovation
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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	AMET Innovation and Incubation Centre	Innovation	31/05/2018
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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	7
Physics	1
Chemistry	2
Information Technology	3
Interdisciplinary	3
Marine Biotechnology	2
English	1
Petroleum Engineering	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)
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International	AMET Business School	159	0.4
International	Marine Bio Technology	16	0.8
International	Chemistry	13	0.2
International	Harbour and Ocean Engineering	18	0.2
International	Petroleum Engineering	37	0.3
International	Physics	33	3.5
International	Information technology	73	0.5
International	EEE-Marine	81	0.3
International	Mathametics	28	2.5
International	Naval Architecture and Off Shore Engineering	17	0.2
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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
AMET Business School	159
Marine Bio Technology	16
Chemistry	13
Harbour and Ocean Engineering	18
Petroleum Engineering	37
Physics	33
Information technology	73
EEE-Marine	81
English	12
Mathametics	28
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Water based drilling fluid additive and a preparation method thereof	Published	41026429	20/07/2018
Microbial Enhanced Oil Recovery Induced by Purified Biosurfactant	Published	41004475	15/02/2019
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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 mentioned in the publication	Number of citations excluding self citation
Growth, structural and mechanical studies of phthalic acid single crystals grown in two different solutions	M Suresh Kumar, K Rajesh, G V Vijayaraghavan and S Krishnan	Materials Research Express	2018	2	AMET	2
A STUDY ON HR INITIATIVES TOWARDS TEAM WORK IN IT FIRMS IN CHENNAI	DR. A. SHAMEEMDR. J. RENGAMANI	International Journal of Research	2018	7	AMET	12
A view on customer relationship in banking services in Kancheepuram: An analytical study	Dr R Srinivasan	International journal of research and analytical reviews	2018	6	AMET	8
A study on the Marine Engineers retention strategy by the shipping companies in India	Dr J Rengamani M Balasubramaniam	International Journal of production technology and management	2018	5	AMET	11
Application of Electronic DATA interchange (EDI) in shipping Business An	Dr J Rengamani	International Journal of computer science and technology	2018	4	AMET	9

Empirical Study						
Network optimisation for distribution of south based OEMs passenger vehicles to other zones of India with reduced lead time	Srinivasan .R Poongavanam S Vetrivelvam Rengamani James F.A	INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND EXPLORING ENGINEERING	2019	1	AMET	1
Impact of organisational culture and communication on employee engagement in automobile firms in Chennai	Dr. A. Shameem and Rengamani	International Journal of Mechanical Engineering Technology	2018	1	AMET	1
Application of Electronic DATA interchange (EDI) in shipping Business An Empirical Study	Dr J Rengamani	International Journal of computer science and technology	2018	6	AMET	11
Enhanced acetone gas sensing behavior of n-ZnO/p-NiO nanostructures	G. Kavitha, K.Thanigai Arul, P. Babu	Journal of Materials Science: Materials in Electronics	2018	0	AMET	16
Optical and Magnetic Properties of Cobalt Ions Doped Calcium Phosphate by Ultrasonication	Kurinjinathan, P. K. Thanigai Arul	Recent Patents on Materials Science	2018	1	AMET	1

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
A STUDY ON HR INITIATIVES TOWARDS TEAM WORK IN IT FIRMS IN CHENNAI	DR. A. SHAMEEMDR. J. RENGAMANI	International Journal of Research	2018	5	12	AMET
A study on the Marine Engineers retention strategy by the shipping companies in India	Dr J Rengamani M Balasubramaniam	International Journal of production technology and management	2018	5	8	AMET
A study on the Marine Engineers retention strategy by the shipping companies in India	Dr J Rengamani M Balasubramaniam	International Journal of production technology and management	2018	5	11	AMET
Application of Electronic DATA interchange (EDI) in shipping Business An Empirical Study	Dr J Rengamani	International Journal of computer science and technology	2018	5	9	AMET
A study on evolution of ships towards a sustainable green ship Technology	Dr J Rengamani	Journal of management	2018	5	9	AMET
Innovative application development	D.K Aruneshwar Rajasekar	International Journal of	2018	5	0	AMET

ent of consumers loyalty management schemes		Supply Chain Management				
Effect of corporate social responsibilities on women board of directors in board rooms of mechanical engineering industries	rajasekar, d.a, bhaskaran, b.b	IJMET	2018	5	0	AMET
A Research on Employee Involvement in Pharmaceutical Industry in India	D. Rajasekar	IJITEE	2019	5	11	AMET
An empirical study on pharma company employees benefit, discipline and their relationship, 9(8), pp.1576, 2018	Dr.Poongav anam	Indian Journal of Public Health Research and Development	2018	6	0	AMET
Construction product movement in NTC - A case study analysis, 9(9), pp.942-946, 2018	Dr.Poongav anam	International Journal of Civil Engineering and Technology	2018	6	0	AMET
View File						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	62	69	15	160

Presented papers	91	41	32	122
Resource persons	4	12	10	42
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)
Naval Architecture and Off shore Engineering	CFD analysis for Fast Patrol Vessel	Hindustan Shipyard LTD	1.06
Naval Architecture and Off shore Engineering	Ambhigious motorbike	Euro Exim Bank LTD	2
Naval Architecture and Off shore Engineering	Design Detailing work - Deep sea fishing boat building project	Lockheed Engineering works	0.25
Naval Architecture and Off shore Engineering	CFD Analysis project	Alpha Ori technologies, Singapore	0.5
Marine Biotechnology	Development of Bioinoculants for Agariculture applications - Bioprospecting of IAA producing Rhizobacteria	Sun Agro Biotech Research Centre	0.68
Electrical and Electronics Engineering	Solar Energy efficient motor drive with flywheel energy storage system based multilevel inverters	Lambda Instruments Private Limited, 13/2, Diwan Bhasyam street, Perumal Koil Street, West Saidapet, Saidapet, Chennai, Tamil Nadu 600015	0.8
Harbour and Ocean Engineering	Identification of mixing pattern for pollutant discharge at Tutucorin Coastal Waters	Modern Consultancy Services, Chennai	0.35
Mining Engineering	Remote sensing based study for Chromium exploration in Oman,	Bedrock Conculatncy Services	1.8
Nautical Science	Oil pollution prepa redness, Response and Cooperation	Indian Coast Guard, Chennai	12
Naval Architecture	CFD Analysis for	Hindustan Shipyard	1.06

and Off shore Engineering	Pollution Control Vessel	LTD	
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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
Nautical Science	Comprehensive study to improve the quality of onboard training	IAMU	0.1	1
Marine Engineering/ Nautical Science	Global Maritime Distress and Safety System (GMDSS) Course	Maritime Professionals from Various Organizations	94.99	400
Nautical Science	Oil Pollution Preparedness, Response Coordination- IMO Level-II Course	Indian Coast Guard	15.14	45

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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 activities	Number of students participated in such activities
Awareness Campaign To Obey Traffic Rules and To Motivate Digital Transactions	Youth Red Cross	2	250
Awareness on Electrical safety	Youth Red Cross	2	250
Awareness on Cancer with Baseline Diagnosis	Youth Red Cross	1	22
Awareness on Cyber Safety for young Women	NCC	3	40
Beach Cleaning in Muttukadu Village	NSS	1	108
Beach Cleaning Programme	NSS	1	45
Blood Donation	NSS	2	35
Blood Donation Camp	Youth Red Cross	5	496

Book Talk	Eco Club	2	30
Child Labour AND CHILD ABUSE (Social Activity)	NSS	2	200
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
Awareness Programme on Energy Saving	Appreciation Letter	Jaya Global School, Uthandi	25
Safety Aspects in Household Electrical Appliances	Appreciation Letter	Mount Carmel Nursery and Primary School, Kovalam	25
Eye Camp for Kanathur Community People	Appreciation Letter	Vasan Eye Care Hospital	25
Dental Awareness Camp	Appreciation Letter	Ragas Dental College and Hospital	23
Awarness Programme	Appreciation Letter	International Science Community Association	40
Coastal Cleaning Programme	Appreciation Letter	Indian Maritime Foundation	25
Summer Swimming Coaching Camp for School Students	Appreciation Letter	Lions Club, Madras Temple City	50
Traditional Games	Appreciation Letter	Suddhanandha Vidhyalaya High School, Uthandi	100
Extension Programme on Life Science	Appreciation Letter	Mahathi Biotech	75
Mathematics short cuts and Tricks through Vedic Mathematics	Appreciation Letter	VGP Philominal Matriculation School	40
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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 activities	Number of students participated in such activities
First Aid Training	Youth Red Cross	Awareness Campaign To Obey Traffic Rules and To Motivate	2	40

		Digital Transactions		
Organ Donation	Youth Red Cross	AWARENESS OF ELECTRICAL SAFETY	2	40
Swachh Bharat	Indian Maritime Foundation	Awareness on Cyber Safety for young Women	2	35
Awareness	NCC	Awareness Rally on Anti Tobacco India (Social Activity)	3	40
Traditional Values	NSS	Bharathiyar Thiruvizha	1	180
Blood Donation	Youth Red Cross	Blood Donation	2	120
Blood Donation	NSS	Blood Donation Camp	4	250
Swachh Bharat	Youth Red Cross	Coastal Cleaning Programme	1	40
Awareness	Youth Red Cross	Children and Youth Development Program for Perumbakkam Community	5	496
Awareness	NSS	Children and Youth development program	2	35
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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
Sponsored Research Project	Dr.K.Thiruvencatasamy	SUVEDHAS CONSTRUCTIONS	18
Student Exchange	Tapan Ganapathy	AMET	730
Short term training programme	S. Arul Delphin Sutha	AMET	25
Conference at D. B. Jain College	A.Sanjay Vignesh, J.MuthuKumar	D. B. Jain College	1
Intercollegiate Competition at Bharath University	v.Karan Raj, Deepak kumar, M.Joshua Alfred, A.Sri Venkata Pragathesh, B.Santhosh Kumar, R.Siva Bharathan, R.Prabhu	Bharath University	1
Mathematical Models	J. Visuvasam, A.	AMET	6

of the Infinite Porous Rotating Disk Electrode	Molina, E. Laborda, L. Rajendran		
Mathematical Model of Coupled Transcription, Translation and Degradation	S. Pavithra, L.Rajendran	AMET	6
Odd Harmonious and Strongly Odd Harmonious Labeling of Some Classes of Graphs,	J.Renuka P.Balaganesan	AMET	6
AIMS Regionl Conference On Management Practices For Sustainable. Development	Dr.D.Rajasekar	AMET	6
Joint Publication	Praveen Kumar, R., Navaneethakrishnan, G., Umanath, K.	AMET	6

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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
Internship	Student Interaction with Industry	Apollo Tyres	16/05/2018	31/05/2018	VISHNU VALSAN
Internship	Student Interaction with Industry	Ashok Leyland, Hosur	12/06/2018	14/06/2018	DEVANDHARAN. S
Internship	Student Interaction with Industry	Bharath Heavy Electronics Ltd	18/07/2018	24/07/2018	HARVEER CHAUHAN
Internship	Student Interaction with Industry	BMW Chennai	16/06/2018	19/06/2018	YUVANESH SHARAN.R
Internship	Student Interaction with Industry	CastwellAuto parts Pvt. Ltd	11/06/2018	28/06/2018	SANJAY.R

Internship	Internship	CharanDev Industries	12/05/2018	16/05/2018	SATHISHKUMAR . B
Industry-Institute Collaboration	Inplant Training (batch 8)	Chennai Port Trust	17/07/2018	21/07/2018	Mr.N.Sai Sundar
Industry	Student Interaction with Industry	Dr. Satav's Pathology Laboratory, Maharashtra	01/06/2018	15/06/2018	Vinay Gopal Bhagat
Internship	Student Interaction with Industry	Dynamic Tech	04/06/2018	22/06/2018	SHANMUGA PRIYAN A
Student Interaction with Industry	Student Interaction with Industry	Hinduja Foundations	10/06/2018	02/07/2018	NELAVAMUDHAN R
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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
DNV-GL, Mumbai	01/04/2018	Maritime Activities	4
Signals Systems (India) Pvt Ltd., SIPCOT IT park, Siruseri, OMR, Chennai-603103.	09/01/2019	Industries Collaboration	50
National Institute for Empowerment of persons with multiple disabilities	26/01/2019	Industries Collaboration	50
Lab Tech Electronics Private Limited, TS.69A, IDCO Industrial Estate (Guindy), Ekkattuthangal, Chennai-600032.	10/01/2019	Industries Collaboration	50
Gaurdian Management Services Pvt Ltd	14/03/2019	To conduct seminar internship and on the job training	15
Tamil Nadu Physical Education and Sports University, Chennai	30/10/2018	Promotion of Sports and Research Activities.	32
Noorul Islam Centre for Higher Education	14/11/2018	Joint Research, Exchange programmes for faculty and	5

		students, sharing of resource facilities and development of online course content	
Raj EXIM	02/06/2019	Value Added programmes, Internships and project works	56
Vidhyaa Giri College of Arts Science, Puduvayal, Sivagangai.	10/09/2019	Collaborative research work (publications)	1
American University of Sharjah, United Arab Emirates.	30/06/2019	Collaborative research work (publications)	1
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
1250	1112.38

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	Newly Added
Seminar halls with ICT facilities	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	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

								h (MBPS/ GBPS)	
Existing	773	208	773	40	201	120	204	1100	0
Added	25	25	25	0	0	0	0	0	0
Total	798	233	798	40	201	120	204	1100	0

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
Multi media Centre	https://www.ametuniv.ac.in/infrastructure.html
Educational Material Resource Development Centre	https://www.ametuniv.ac.in/video-lectures.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 incurred on maintenance of physical facilities
400	440.1	400	424.67

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 has a separate department known as Maintenance Department which is 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 Equipment's 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 machineries, 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>

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	AMET Scholarships in Nine Categories	295	15535050
Financial Support from Other Sources			
a) National	Minority Scholarship and Fisherman Scholarship	94	2250000
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 implementation	Number of students enrolled	Agencies involved
Guidance for competitive examinations	31/05/2018	129	Career Development Centre, AMET
Softskill development	31/05/2018	524	Softskill Centre, AMET and Scale up
Language lab	31/05/2018	1497	IELTS Centre, AMET
Personal Counselling	31/05/2018	474	Counselling Centre, AMET
Employability skill test	30/01/2019	179	CII, IT, AMET
Personality	10/11/2018	180	Scale up

development

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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 passed in the comp. exam	Number of students placed
2018	Competitive exam	129	0	8	0
2018	Career counselling/ Career guidance/ Soft Skill	0	752	0	708

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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
5	5	10

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
39	1323	430	38	621	278

[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	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	BBA	AMET Business School	Christ University	MBA
2019	1	B.E	Petroleum Engineering	University of Salford UK	MS
2019	1	B.E	Naval Architecture & Offshore Engineering	Norges teknisk-naturvitenskapelige universitet - Ålesund, Norway	M.Sc

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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	37
View File	

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

Activity	Level	Number of Participants
5th National Level Inter Maritime Institutions Sports Meet	National	721
Chess Tournament	State	51
Music Competition	State	38
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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Third place in Foot ball	National	1	0	NA971 (BE-NA)	Aswin and Team
2018	Gold Medal for Body Building - 50-60 Kg	International	1	0	2161B (BE-ME)	Siddharthan
2019	Bronze Medal in Athletic	International	1	0	2823B (BE-ME)	Roshnan
View File						

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

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 University creates a platform for the active participation of the students in the various academic

administrative bodies including other activities. This empowers the students in gaining leadership qualities, rules, regulations and execution skills. The Student Council plays a dominant role in many activities related to fine arts, sports and other co-curricular activities of the department and the students. Various co-curricular activities organized by the association include Special Lectures by experts, Seminars, Workshops, Symposium, National Level Conference and Intercollegiate meet to develop the personality and skills of the student's ability. Eminent speakers and industrialist deliver speeches on topics relevant to current educational scenario. The members of the Student Council bring forward the views and suggestions of the teaching-learning activities with respect to the faculty, subjects, syllabus and other things related to the teaching learning activities. The Student Council helps students share ideas, interests, and concerns with lecturers and principal. They often also help raise funds for -wide activities, including social events, community projects, helping people in need and college reform. • Various programs like paper presentations, workshops, alumni guest lecture, participation in BOS, and seminars are organized by these bodies every year.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

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. They spread the light of knowledge and strength of AMET at all corners of the World. 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 infuse among its members about the importance of Human Value, discipline and above all to be a law-abiding citizen • 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 foster a spirit of national awareness, self-reliance and self-respect 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. • To associate with such other Associations which have kindred aims and objectives and • To do such other activities as are essential and conducive for the attainment of the above objectives. Activates of AMET alumni association are mentioned below AMET Alumni Association has conducted following three Chapter Meetings during 2018-19 • Singapore Chapter Meeting at July 2018 • Mumbai Chapter Meeting at January 2019 • Dubai Chapter Meeting at April 2019 •

Besides, the above outstation Chapter Meets, Eight core Departments have conducted Department Level Meetings during 2018-19 All the major Departments have conducted Guest Lectures by Alumni of the Departments Alumni Contribution: AAA has created a bank account and the transactions are separately maintained

5.4.2 – No. of registered Alumni:

11148

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

2631431

5.4.4 – Meetings/activities organized by Alumni Association :

Silver Jubilee alumni meet in Singapore Silver Jubilee alumni meet in Mumbai Alumni Meet-Department of Electrical and Electronics Engineering Alumni Meet -Department of Mechanical Engineering AMET Business School Alumni Meet Alumni Meet -Department of Marine Engineering Alumni Meet -Department of Nautical Science Alumni Meet -Department of Naval Architecture and Off Shore Engineering Alumni Meet organised by department of Marine Biotechnology Alumni Meet by department of Petroleum Engineering Alumni Meet by Harbour and Ocean Technology Guest Lecture on Safety in Marine Engineering

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)

1. Practice I: Decentralization and participative management by appointing In Charges for special programmes: AMET has introduced many academic and administrative support positions such as Director-Examination Grievances, Director-Student Scholarships, Director-Outreach Programme, Director-Entrepreneurship Development, Deputy Director-Clean Campus and Environmental Awareness, Director-Projects and Publications, Director, IPR Cell, Coordinator-Cultural Club, Deputy Director-Faculty Research Publications, Coordinator-Educational Material Resource Development Centre, Director- Faculty Welfare Staff Association, Coordinator-Programme for Slow Learners, Director-Industry and Institution Collaborative Cell (IICC) Business Incubator, Director-Centre for Women Empowerment, Coordinator- Gender Sensitization Programs etc. Through this, the administrative and academic activities are decentralized and participative management is ensured

2. Practice II: Decentralization and participative management in Academics by forming committees for outcome based education: AMET has introduced Outcome Based Education during the academic year 2018-19. Course Committee, Programme Performance Committee, Department Advisory Committee etc are formed to implement and monitor the outcome based education effectively. This is a new approach for education in the University. Hence an Implementation and Monitoring Committee for Outcome Based Education is constituted. These efforts ensured the Decentralization and participative management of teaching learning process in general and outcome based education in particular. Various bodies and authorities responsible for the Management of University such as Board of Management, Academic Council, Planning and Monitoring Board, Finance Committee, Board of Studies etc., are in place and functioning as per the provisions contained in the UGC (Institutions Deemed to be Universities) Regulations, 2016 as amended from time to time Regular meetings of the governing bodies as per the UGC Regulations are held. Board of Management : 4 meetings in a year Finance Committee - 2 meetings in a year Planning and Monitoring Board - 2 meetings in a year Academic Council - 3 meetings in a year Board of Studies meeting of respective disciplines was held as and when required.

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	<p>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</p>
Teaching and Learning	<p>AMET gives top priority for teaching and learning. Under the CBCS system, the University envisages a student centric teaching and learning process. The Teaching and learning practices are technology enabled modern ICT tools such as Interactive Whiteboards, Projectors, Audio Video devices and components of Ulektz Learning Management System are implemented in the university. 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</p>
Examination and Evaluation	<p>Steps taken for improvising the examination and evaluation processes are 1. The Examination management system developed indigenously is used to make the Examination system 100 percent automated. 2. Examination reforms such as pilot study on digital evaluation and enhancing safety features (Bar coding, OMR Reading, Holograms) in the answer scripts and grade report. 3. PhD Evaluation</p>

	<p>Procedures are reviewed. A strategy has been adopted to complete the entire evaluation procedure in six months' time 4. URKUND, the anti-plagiarism software suggested by the INFLIBNET UGC has been purchased and employed for the detection of similarities or plagiarism.</p>
<p>Research and Development</p>	<p>Cash incentives are given for faculty members to take part in active research and publish papers in reputed journals and present in conference proceedings. University invest heavily on the purchase of new equipment's and establishment of modern research facilities Resource mobilisation through project grants from Government, Non-Government organisation industries etc. AMET faculty have published more than 300 papers in reputed journals in UGC listed journals and SCOPUS indexed journal. During this academic year more than 30 funded projects and consultancy projects were obtained. All the full time scholars are provided stipend and complete fee waiver.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>Strategies adopted are 1. Inclusion of technology in Library and teaching learning processes 2. Maintaining the facilities and instruments 3. Strengthening existing facilities. • AME library has been augmented with three new digital databases, 10495 new e-journals, 51111 new e books, etc. • 37 class rooms have been upgraded as smart class rooms while 100 of the classrooms are ICT enabled. • Additional computers have been added for research, administration and teaching purposes. • Ten new equipment's worth more than Rs 1 lakhs have been purchased and installed in this academic year. • Physical facilities for sports, academic and administrative usages were improved.</p>
<p>Human Resource Management</p>	<p>1. AMET has a Human Resource Development Cell which organizes Faculty Development Programmes for both teaching and non-teaching faculty. 2. The Centre for ICT Enabled Education organizes training programmes for the promotion of technology use among Faculty 3. AMET gives priority for Doctorate faculty during new appointments. 4. Faculty are encouraged with incentives for attending FDP and Training Programmes.</p>

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. Besides departments are establishing collaboration with industries for academic research and consultancy activities. More than 66 activities were conducted with collaborating partners.
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 Education Expo and other shows 5. Admission process is technology enabled 6. Entrance examinations are held at different examination centres as well

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	AMET has an inbuilt Enterprise 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) uLektz. The curricular planning and development are governed using the LMS uLektz.
Administration	? 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	? 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	? Student Admission and Support : The Admission Section of the ERP helps to administer admission related works such as entrance examinations, eligibility

	information, performance, 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	? 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 for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr.S.Prabhakaran	Technology development for societal applications	International Association of Engineers (IAENG)	800
2018	Dr.S.Prabhakaran	Recent advancement in structural engineering	International Management Research and Technology Consortium (IMRTC)	600
2018	Dr.K.Umanath	68th International conference on new trends in engineering, science and management	Mech Aero Foundation for Technical Research Education Excellence	1000
2018	Mr.A.R.Sivaram	International conference on Advances in Materials and Manufacturing Applications (IconAMMA2018)	International Association of Educators and Researchers (IAER)	800
2018	Mr.D.Kumaravel	RAMME 2018	Institute of Research Engineers and Doctors (IRED)	800

2018	Dr.D.Helen	International conference on global GES of maritime industry and the ways to mitigate the risks	Society of Digital Information and Wireless Communications (SDIWC)	400
2018	Dr.Ruben Anto	Global challenges of maritime industry and the ways to mitigate risks	International Society for development and sustainability	8000
2018	Dr.S.Poongavanan	Foreign direct investment in India - A new gate way	International Association of Innovation Professionals	500
2018	Dr.J.Rengamani	Conference in emerging trends in commerce and management	Institute of Chartered Ship Brokers	900
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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)
2018	Training of Trainers and Assessors		28/05/2018	06/06/2018	8	0
2018	Department of Electrical and Electronics Engineering organised two days workshop on Design of BIPED Walking ROBOT for Industrial Applications in association		30/08/2018	31/08/2018	24	0

	with Electronics Platform Research					
2018	Pollution Control Nurturing Environment		04/10/2018	05/10/2018	45	0
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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
Flow Assurance in the Petroleum Industry	1	01/02/2019	18/03/2019	15
Sustainable Fuels and Chemical Production using Novel Catalysts	2	08/06/2018	08/07/2018	30
Building Professional and Leadership Excellence among Faculty- a Holistic Approach in Designing and Developing an Integrated and inclusive Teaching Learning Ecosystem at Ethiraj College in collaboration with AICTE-ISTE	1	23/07/2018	28/07/2018	6
Vertical Integration Course Training	13	02/05/2019	14/05/2019	12
FDP Entrepreneurship Development Sponsored by DST - NSTEDB"	1	12/10/2018	22/10/2018	12
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
191	191	170	170

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Available • Free Transportation (to fro) • Breakfast and Lunch (Subsidized rate) • Free refreshments (Tea / Coffee in both FN break and AN break) • In-campus Medical and Healthcare facility • Earned leave and Medical leave facility • Maternity leave for female Faculty • Accidental Insurance scheme • YOGA center • Fee concession for their children's admission • Annual tour for 3 days • Loan and salary advance</p>	<p>Available • Free Transportation (to fro) • Free Breakfast and Lunch • Tea / Coffee (FN break and AN break) • In-campus Medical and Healthcare facility • Earned leave and Medical leave facility • Maternity leave for female faculty • Accidental Insurance scheme • YOGA center • Fee concession for their children's admission • Annual tour for 3 days • Loan and salary advance</p>	<p>Available • ATM facility inside the campus • Bank Loan Assistance to students • Student Counseling Centre • Cafeteria • Yoga Centre • National Service Scheme (NSS) • National Cadet Corps (NCC) • Career Guidance and Development Centre • Reprographic Facility • Student Magazine (AMET VidhyarthiPatrika) • Annual Cultural and Sports events • AMET Band • Browsing Center • Cafeteria Facility • CCTV Surveillance and Security Services 24 x 7 hours • 24x7 Health centre with ambulance facility • Gym Facilities • Indoor and outdoor games • Swimming pool • Laundry Services • Music and Cultural Room • Travel Desk • Payment Gateway Interface • Prayer Hall • Open Air Theatre • Rain Water Harvesting • Reverse Osmosis water (RO System) • Saloon • Stationary Shop • Wi-Fi Enabled Campus and Hostel</p>

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. 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, establishments 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
National Small Industries Corporation Limited(NSIC), Chennai, CED - Centre for Entrepreneurship Development, Madurai, DST - Sponsored EAC	65000	International Conference, Training

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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	Separate External Expert for each Department appointed by the University	Yes	IQAC
Administrative	Yes	Separate Administrative External Expert appointed by the University	Yes	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)

<p>1. The Green Card mentoring system functions as the parent teacher association through which the differential needs of students are identified and attended.</p> <p>2. Feedback from parents are obtained and analysed. During 2018-19 in response to parent and stake holder feedback, the University has enhanced the number of value added course.</p> <p>3. The activities of the two weeks induction programme for the new comers are developed from the inputs of parents and teachers.</p>
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6.5.4 – Development programmes for support staff (at least three)

<p>1. The Human Resource Development Centre organises development programmes such as Computer Literacy, Emotional well-being and Professional Competency.</p> <p>2. The respective Departments of the Administrative units are organising Department level intensive training programmes.</p> <p>3. Appraisal system is being followed to measure and recognise the best performing supporting staff.</p>

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

1. IQAC has structured and implemented the Outcome Based Education in the

University 2. University has promoted the ICT Enabled Education in the campus by conducting FDPs and training programmes 3. University has promoted a healthy and quality research culture in the campus 4. IQAC has identified priority areas for quality improvement and conducted orientation programmes for the same 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
2018	Interactive and hands-on training cum workshop on "Planning for Effective Teaching"	20/06/2018	20/06/2018	20/06/2018	40
2018	NATIONAL WORKSHOP ON WORKSHOP ON E-LEARNING, MOOCS in SWAYAM/NPTEL AND PERSONALIZED EDUCATION	22/09/2019	09/10/2018	22/09/2018	120
2018	Colloquium by AMET Research Connect Forum on Doctorate Research-The ultimatum and Technical Writing for PhD scholars	09/11/2018	09/11/2018	09/11/2018	45
2018	Nature and Wildlife Photography Exhibition	10/11/2018	10/11/2018	10/11/2018	160
2018	Workshop on promotion of interdisciplinary research	22/11/2018	22/11/2018	22/11/2018	30

2018	TREE PLANTATION DRIVE IN COMMEMORATION OF WORLD ENVIRONMENT DAY 2018	05/06/2018	05/06/2018	05/06/2018	35
2018	Orientation Programme on Priority Areas for Quality Improvement	09/10/2018	09/10/2018	12/10/2018	150
2019	Interactive Session on Bibliography and Citation Tools	28/03/2019	28/03/2019	28/03/2019	22
2019	Professional Development Programme for Non Teaching Staff	11/06/2019	11/06/2019	11/06/2019	35
2019	Workshop on Outcome Based Education	28/01/2019	28/01/2019	28/01/2019	150
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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
International Women's day celebration - 2019	03/08/2019	03/08/2019	40	110
Awareness Programme on Government Schemes for Women in Kanathur	24/08/2018	24/08/2018	52	85
PROTECTION OF WOMEN FROM DOMESTIC VIOLENCE ACT, 2005	12/04/2018	12/04/2018	25	38

Girl Child Awareness Program on Good Touch and Bad Touch in the Society	12/10/2018	12/10/2018	40	10
CHILD LABOUR AND CHILD ABUSE	30/01/2019	30/01/2019	42	200
Creating Awareness on Water, Sanitation and Hygiene for women	02/06/2019	02/06/2019	82	5
Pongal competitions for women	11/01/2019	11/01/2019	60	520
Demonstration of Cyber Security Tools,	02/02/2019	02/02/2019	32	5
awareness programme on Cancer with Base Line Diagnosis	29/04/2019	29/04/2019	65	5

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
The University has installed solar panels to the net capacity of 30 KVA, LED Bulbs are installed instead of conventional electric lamps to save power.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	8
Provision for lift	Yes	8
Ramp/Rails	Yes	8
Braille Software/facilities	No	0
Rest Rooms	Yes	8
Scribes for examination	Yes	0
Special skill development for differently abled students	Yes	8
Any other similar facility	Yes	8

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational	Number of initiatives taken to engage with	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
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	advantages and disadvantages	and contribute to local community					
2018	1	1	29/10/2018	1	ORGAN DENOTION DAY	ORGAN DENOTION DAY	300
2018	1	1	19/11/2018	180	Diploma in Fisheries Engineering	Development Program on Diploma in Fisheries Engineering	10
2018	1	1	23/11/2018	5	Gajacyccl one relief aid	Gajacyccl one relief aid	450
2019	1	1	27/05/2019	7	Swimming Camp for Rural School student	Swimming Camp for Rural School student	40
2019	1	1	15/02/2019	1	Eye Camp for Kanathur Community People	Eye Camp for Kanathur Community People	32
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Students	31/05/2018	The Code of Conduct for the students are publicized through University web site, Academic calendar and Display Boards in the Campus. The student conduct are ensured and monitored through bodies such as Anti Ragging Committee, Committee against Sexual Harassment, Disciplinary Committee, Examination Malpractice Enquiry Committee, etc. The student feedback, complaints and grievances are collected through both online and conventional methods. The

		<p>student discipline and related issues are administered by the Proctor in the hostel and Director Students Affairs in the University campus.</p>
Teachers	31/05/2018	<p>The Code of Conduct for the teachers are notified in the University web site, and also briefed to the teachers during the Induction/Orientation Programmes. The formal Committee such as Committee against Sexual Harassment, Research Monitoring Committee, and Research Ethics Committee Academic Misconduct Panel (AMP) are in place to ensure the Code of Conduct for teachers.</p>
Governing Body	31/05/2018	<p>The roles, responsibilities and limitations of the various Governing bodies of the University are framed from the Memorandum of Agreement (MoA) as per UGC regulations issued from time to time. These Code of Conduct are also uploaded in the University website. The Academic and Administrative Audit and other Internal/External Audits ensure the Code of Conduct for the Governing Bodies.</p>
Administration including Vice Chancellor, Director, Principal, Officials	31/05/2018	<p>The roles, responsibilities and limitations of the various Administrative Authorities of the University are framed from the Memorandum of Agreement (MoA) as per UGC regulations issued from time to time. These Code of Conduct are also uploaded in the University website. The Academic and Administrative Audit and other Internal/External</p>

		Audits ensure the Code of Conduct for the Administrative Authorities .
Support Staffs	31/05/2018	The Code of Conduct for the Support Staffs are notified in the University web site, and also briefed to the staffs during the Induction/Orientation Programmes. The formal Committees are in place to ensure the Code of Conduct for Support Staffs.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Kerala Flood Relief fund Campaign	18/08/2018	18/08/2018	1520
World Environment Day	05/06/2019	05/06/2019	67
Nilavembu Kashayam Camp	31/10/2018	31/10/2018	100

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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 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 The University has conducted the following events which are aimed to make the campus ecofriendly during 2018-19. 1. A plantation drive on "Do Plantation to Save Environment" was organized by the Department of Marine Biotechnology on 11-08-2017 as part of Mission Green AMET in association with Earth Smiles Trust, Chennai 2. Department of Marine Biotechnology and Department of Food Processing Technology organized "Seed ball preparation and dispersal event" on 07-09- 2018 as part of Mission Green AMET 3. Department of EEE has organized a National Seminar on Recent trends in Renewable Energy in collaboration with National Institute of Wind Energy on 15-09-2018 4. Environmental Audit and Energy Audit were conducted during January 2019 5. LEO Club of AMET has organized a special lecture on Protecting our Environment on 12-10-2018

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 TITLE OF THE PRACTICE:GREEN CARD SYSTEM AS AN EFFECTIVE TOOL

FOR MENTORING SYSTEM Objectives of the Practice: 1. To keep a track on the academic, co-curricular and Extra-curricular 2. To get a close monitoring with the students and get in touch with their academic, personal and other issues 3. Meet the students frequently and give inputs for subject queries and relative guidance for their career. The Context Through the Green Card System, we would like to promote and achieve the following aspects 1. Monitoring the students performance by the class advisor there 2. Assisting students to reach the faculty in charge for the issues and problems faced by them. 3. To orient the students for examination and career guidance 4. To Assess, promote and monitor student's individual progress and interpersonal skills in an efficient way. 5.

Assess the student's area of interest, extra-curricular, co-curricular activities, sports activities and other personal interests and to monitor closely. The Practice Upon implementation of the GREEN CARD SYSTEM the faculty-student was put in a 1:20 ratio and allocated individually and allowed to closely monitor the student activities by properly documenting all the individual records like continuous assessments performance, exam performance, sports participation, cultural participation, extra-curricular, co-curricular activities, NSS, NCC participation and club activities like red cross, , gender sensitization, etc., the student leave records, parent and guardian details, hosteller/day-scholar details, like on the whole data base of the individual was to be maintained by the assigned faculty and documented inside the green card of the particular student. There is a specially designed card known as GREEN CARD has been used for this purpose In the activity the student can approach the particular faculty allocated for them at any point of time for any sort of guidance. The faculty has to meet the given set of 20 students mandatorily once in a week individually to listen to his feedback or grievance or any such form difficulty faced and the positive comments about subjects handled, curricular doubts and guidance in studying, reason for absentia, participation in off campus activities and his performance in exams, guidance for placements, higher studies, competitive exams etc., and closely monitor and record in the individual GREEN CARD of the corresponding student. Evidence of Success The GREEN CARD SYSTEM was considered to be a grand success as it was found that the students shared their thoughts and comments to the faculty they are associated as they were met every week. The students showed interest and they came up their suggestions and the faculty too counselled and mentored the students regarding their continuous performance progress as a result of which many slow learning students got proper support and guidance to advance their academic records by clearing the arrears, increasing their CGPA, getting guidance in placement related activities and moral support and guidance for getting themselves prepared for higher studies or preparing for competitive examinations. Apart from academics the students were also able to show interests in co-curricular and extra-curricular activities and other personal interests and talents in which the individuals were able to find a chance to express themselves and exhibit their talents on stage and express themselves in front of others. Those students who have capability interests in research and project related activities were provided with proper support to bring out their ideas through various segments like smart India hackathon, students seed money for projects, etc., and use the available research facilities and testing facilities. 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 identified to be the time factor. Meeting the students allocated in the ratio of 1:20 to closely monitor the students and system was success in this aspect and changes were noted after implementing the system. But the students could not find time to meet the concerned faculty in charge in person and share their valuable suggestion. Hence this issue was escalated to the higher authorities of the institution for the unavailability of time for meeting the faculty and sharing their comments and the authorities found it a valid confession and the

time facto could hinder the room for improvement. Then it was decided to extent the university working hours for thirty minutes which is meant exclusively for this particular GREEN CARD SYSTEM and the faculty and student meet individually to counsel and mentor them for continuous improvement process. BEST PRACTICE 2

TITLE OF THE PRACTICE: CASH INCENTIVES FOR ORIENTING FACULTY MEMBERS FOR BETTER 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 AMET has been decaled as deemed to be University during 2007 under de novo category of the section 3 of UGC Act 1956. Because of the inherent uniqueness, AMET has faced many constrains during NAAC, NIRF Rankings and other such common academic exercises. 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. Since the Faculty resources are not from formal education system with formal research focus, 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. for the promotion of research which may ultimately lead to quality publications and other research accomplishments. 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 Coordinator for these activities.
3. University provides publication charges, charges for analytical works and incentives for publications.
4. AMET also facilitates faculty to attend FDP, Seminars, Workshops to gain hands on experience, Conferences with financial assistance and on other duty leave (OD).
5. Research Collaborations are encouraged with OD leave, workload reduction and financial incentives.
6. Faculty with research accomplishments are awarded suitably.
7. Seed money has been provided to the faculty members. Thus, AMET has groomed its Faculty Members to get inclined towards research by giving all possible financial and intellectual supports. 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 number 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 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 41 patents during 2014-2018. 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.

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/IOAC/Best-Practices-2018-19.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

The maritime and marine related degree programmes as well as allied degree programmes are also offered in few other premier institutions of India separately through specialized Centre's. However, AMET is the only educational Institute in India to offer maritime and 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. Because of the inherent uniqueness, the University is having the greatest advantage of creating finest intellectuals in maritime and marine disciplines at the same time have the disadvantage of being scaled by common yardstick. The unique nature of the programmes and studies in the University causes distinctive workforce, activities and student genre. 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). 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 • AMET has established Maersk Centre of Excellence with a support of world shipping giant AP Moller Maersk • 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 • The University has filed and published 42 Patents and 133 Books with ISBN were published by the Faculty Members from various departments of the University with different reputed Publishers. • AMET has so far published 2535 research articles in highly reputed SCOPUS / UGC indexed Journals with a h index of 19 • AMET has produced 63 Doctorates in marine and related studies • AMET has 16 government funded projects with total grant of Rs 10.23 crores • AMET has adopted five coastal villages through Unnat Bharat Abhiyan and spearheading the Swachh Bharat related activities in and around. • All the Departments involve in extension and social outreach activities for the cleaner environment, better living and uplifting of coastal villages

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

- 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.