



**AMET**  
**ACADEMY OF MARITIME EDUCATION AND TRAINING**  
**DEEMED TO BE UNIVERSITY**  
(Under Section 3 of UGC Act 1956)

# **ANNUAL REPORT**

## **2016-2017**







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## AMET PROFILE

Welcome to AMET University (Academy of Maritime Education and Training) India's first University for Maritime-related education, training and research.

AMET is located on the beautiful shore of Bay of Bengal at Kanathur, just an hour's drive from Chennai city and is a state of the art of establishment totally dedicated to the dissemination of knowledge and training to cadets and students. Established as a private maritime institute through AMET Trust with just 14 cadets in 1993, AMET has, through its uncompromising strides of excellence and ambitious zeal to serve the students and nation, transformed in to the first University for maritime education in India on 21st August 2007 with strength of 4000 enrolled in different intensive maritime and marine related UG, PG, Diploma, Certificate and Ph.D Programmes.

AMET offers a wide range of courses, including vocational certificates at many levels, bachelor degrees and diplomas; as well as postgraduate certificates and degrees, including doctorates. Now, AMET-trained Seamen navigate proudly all over the world spreading its popularity and quality training made possible through the following academic and professional strengths; Graduates from our school of Marine Engineering, School of Nautical Science, School of Electrical Engineering, School of Offshore Engineering, School of Naval Architecture and AMET Business School occupy important positions in industrial houses throughout the world. In providing Quality Assurance, AMET has obtained Certification to ISO 9001:2000 Standards from Det Norske Veritas, Norway.

AMET University aims to further enhance the maritime education and aspires to be a leading maritime university with international standard by providing the best infrastructure in terms of class rooms with modern teaching aids, well equipped workshops for practical training, marine workshop for hands on training on marine auxiliaries, Ship in Campus, well furnished hostel, canteen facilities, indoor and outdoor games, swimming pool, medical facilities and an overall congenial atmosphere for the students.

Outside the classroom, students involve in many extra-curricular activities and participate in campus events including dance, photography, cricket, football, etc. Student athletes join together as a team and play for the university at inter-college competitions.

Since its inception AMET has catered to the training and development of numerous international students from Angola, Nepal, Yemen, Oman, Dubai, Sudan, Sri Lanka, Kenya, Mauritius, Djibouti, Nigeria, Cyria and Thailand.

The Students are sponsored by companies like NIMASA (Nigeria), Sonangol Shipping Ltd. (Angola), NYK ship Management Pte Ltd, TEEKAY Shipping Pvt Ltd, SONATIDE Marine Ltd. Djibouti Government and UASC. The current international students' strength is over 400. AMET University consists of 9 schools and 23 Teaching and Research Departments including Marine

Engineering, Nautical Science, Naval Architecture and OffshoreEngineering, Petroleum Engineering, Harbour and Ocean Engineering, MarineBiotechnology, Business School and Electrical & Electronics Engineering (Marine).

AMET University is widening the horizon of the students and multiplying their jobopportunities by giving them a definite edge over others.

They can choose from a variety of European languages : French, German, Spanish andItalian as the large majority of students. By acquiring this students are directly targetingthe European job market. With Spanish, they can also target South America ports andwith French, the islands of theAtlantic and Pacific oceans.

With a high employment rate, our highly skilled graduates are in demand world-wide,with our alumni spread across several countries around the world. The collaborationsbetween AMET University and the various world leaders in the Shipping Industry shallprove to be very successful and definitely benefit the students to look forward for acareer in various activities in Shipping Industry globally.

The budding maritime, marine and offshore sectors are a thrilling and tactical area ofgrowth for AMET University and we look forward in welcoming students who are lookingfor worthwhile careers and real-world research opportunities.

## RECOGNITION AND ACCREDITATION



AMET University has been recognized by Director General of Shipping (DG Shipping) for conducting Marine Engineering and Nautical Science Courses. Det Norske Veritas- Germanischer Lloyds (DNV-GL) world renowned Classification society bestowed the highest Grade A1 (Outstanding) to AMET UNIVERSITY after intensive inspection for the Comprehensive Inspection Programme (CIP) conducted under the authority of Director General of Shipping, Government of India



AMET has been conferred with Deemed University Status under De Novo category on August 2007 by University Grants Commission as per Sec.3 of UGC Act, 1956.



AMET University is certified to ISO 9001:2000 QMS Standard by Det Norske Veritas for Design, Development and Conducting Maritime Training Courses, Programmes, Examinations and Assessments.



The National Assessment and Accreditation Council (NAAC) an autonomous institution of the University Grants Commission has assessed AMET and accredited with B Grade during November 2015. The accreditation is an indication of standards of quality as set by the NAAC and valid for a period of five years from 16-11-2015.

## VISION

To upgrade AMET University to a position of pre-eminence among the world's Maritime Universities.

## MISSION

To be the fountainhead for nurturing finest intellectual capital base for the Maritime sector worldwide.

## QUALITY POLICY

AMET University is committed to provide highest quality in education and be the most preferred institution for pursuing marine and marine related courses.

- Providing a conducive, vibrant, progressive and enriching learning atmosphere.
- Teaching Excellence and Research Output.
- Global outlook and engaging with the world through learning, teaching and research.
- Attracting the best and the brightest students.

- Providing competitive advantage in gaining employment for further academic opportunities.
- Maintaining excellent links with commerce and industry both national and international.
- Complying with all applicable requirements and continually improving the effectiveness of the Quality Management System.

### **AMET TRUST**

- 1. Dr. J. Ramachandran – President**
- 2. Mrs. Susheela Ramachandran – Managing Trustee**
- 3. Mr. R. Rajesh – Vice President**
- 4. Mr. S. Karikalan – Trustee**
- 5. Mrs. Padmavathy Vijayakumar – Trustee**
- 6. Mrs. Mohana Karikalan – Trustee**
- 7. Mrs. V. Sangeetha Albin – Director (Admin)**



## **OFFICIALS OF THE UNIVERSITY**

### **CHANCELLOR**

**Dr. J. Ramachandran**

### **PRO CHANCELLOR**

**Mr. Rajesh Ramachandran**

### **VICE-CHANCELLOR**

**Col.Dr.G.Thiruvassagam**

Phone: 044 – 32575616 (O)

044-27472155 (O)

044-24482411 (Res)

### **REGISTRAR**

**Dr. P. Saravanan**

Phone: 044-32001127 (O)

044-24484424 (Res)

Mob: 9444893379

### **CONTROLLER OF EXAMINATIONS**

**Dr. K. Duraipandian**

Phone: 9344436043 (O)

Mob: 9444330202

### **PRINCIPAL-DGS COURSES**

**Prof. K.R. Chidambaram**

Department of Marine Engineering

Phone : 7811905196

Mob : 9444022393

### **CHIEF (EXECUTIVE OFFICER & WARDEN)**

**Prof. K. Seyadu**

Phone: 044-32575302 (O)

Mob: 9444926307

## INTERNATIONAL BOARD OF ADVISORS

<b>Capt. IbFruergaard</b>	Managing Director, Mari-Time Solutions (Singapore) Pvt. Ltd.
<b>PaulinoBaiona</b>	Manning Director, Sonangol Shipping, Angola
<b>Mr. Satoru Kuboshima</b>	President, K-Line Ship Management, Japan
<b>Capt. G. Ramaswamy</b>	CEO, Sea Team Management India Pvt. Ltd. (Frontline Group Norway)
<b>Capt. Rajesh Tandon</b>	Managing Director V Ships, India
<b>Capt. Abhijit Chattopadhyay</b>	Director & CEO, Mitsui OSK Lines Maritime (I) (P) Ltd., Mumbai
<b>Mr. RajaishBajpae</b>	CEO, Bernhard Schulte Ship Management Hong-Kong
<b>Dr. Swapan Das Sarma</b>	Director Teledata Marine Solutions, USA
<b>Capt. Saurab Mahesh</b>	Head Global Cadet Administration Maersk Line Ship Management, AP Moller Singapore Pte. Ltd., Singapore
<b>Capt. NavinPassey</b>	Managing Director Wallem Ship Management (India) Pvt. Ltd., Mumbai
<b>Mr. Lars Modin</b>	President & CEO International Tanker Management, Dubai
<b>Dr. Santhanakumar</b>	Integrated Petroleum Consultancy Services Pvt. Ltd., Chennai
<b>Capt. Ashok R. Sabnis</b>	Goodwood Ship Management Pte.Ltd., Singapore
<b>Mr. Satraj Gill</b>	Dy. Managing Director (ROHQ), Thome Ship Management

## MEMEBERS OF BOARD OF MANAGEMENT

- |                              |   |
|------------------------------|---|
| 1. Col.Dr.G.Thiruvassagam    | Vice – Chancellor, AMET University - Chairman   |
| 2. Mr. Rajesh Ramachandran   | Vice-President – Nominee of AMET Trust  |
| 3. Mrs.Susheela Ramachandran | Managing Trustee– Nominee of AMET Trust   |
| 4. Mr.S.Karikalan            | Senior Vice President - Nominee of AMET Trust   |
| 5. Prof. Tulsi Ram,          | Jawaharlal Nehru University, New Delhi - UGC<br>Nominee   |
| 6. Dr. M.S. Palanichamy,     | Former Vice-Chancellor, Tamil Nadu Open<br>University – Eminent Academician                           |
| 7. Dr. R.K. Chauhan          | Vice – Chancellor & Senior Prof., Lingaya’s<br>Univerity, Faridabad, Haryana – Eminent<br>Academician |
| 8. Dr. L. Kannan,            | Former Vice-Chancellor, Thiruvalluvar University<br>– Eminent Academician                             |
| 9. Mr. K. Seyadu             | Chief Executive Officer - Nominee of AMET Trust   |
| 10. Capt. Yeshwanthraj,      | Dean – Nautical Science, AMET University  |
| 11. Dr. N. Manoharan,        | Rector - Technical, AMET University   |
| 12. Prof. K.R. Chidambaram   | Dean, Department of Marine Engineering,<br>AMET University  |
| 13. Dr. T. Nagalakshmi,      | Associate Professor – Department of Petroleum<br>Engineering, AMET University                         |
| 14. Dr. K.Duraipandian       | Controller of Examinations, AMET University –<br>Permanent Invitee                                    |
| 15. Dr. P. Saravanan         | Registrar, AMET University - Secretary  |

## MEMBERS OF ACADEMIC COUNCIL

S.No	NAME	DESIGNATION
<b>I</b>	<b>Col. Dr. G. Thiruvassagam</b> (Chairman)	Vice-Chancellor
<b>The Registrar, who shall be the secretary of the Academic Council</b>		
<b>II</b>	Dr.P.Saravanan, (Secretary)	Registrar
<b>III Dean(s) of Faculties</b>		
1.	Dr.N.Manoharan	Rector – Technical
2.	Dr. S. Ramachandran	Rector – Strategy & Placements
3.	Prof.K.R.Chidambaram	Marine Engineering
4.	Capt.K.Karthik	Nautical Science
5.	Dr.D.Arivazhagan	Curriculum Development
6.	Dr.R.Rajavel	Mechanical Engineering
7.	Dr.P.N.Ananthanarayanan	Academic
8.	Dr.M.Jayaprakashvel	Life Science
<b>IV Heads of the Departments</b>		
9.	Prof.Cdr.Prashant Kumar Singhal	Dept. of Naval Architecture & Offshore Engg
10.	Dr.T.Sasilatha	Dept. of EEE (Marine)
11.	Dr.K.Thiruvengadasamy	Dept. of Harbour and Ocean Engineering
12.	Capt.I.V.S.Ramakrishna	Dept. of Pre-Sea Modular Courses
13.	Prof.S.Rengaraju	Dept. of HND-ME
14.	Mr.P.J.Samson	Dept. of HND-NS
15.	Dr.K.Thangavelu	Dept. of Chemistry
16.	Dr.D.Ebenezer	Dept. of Mathematics
17.	Mr.M.Sureshkumar	Dept. of Physics

18.	Dr.N.R.Ramkumar	Director Physical Education
19.	Mrs. S. Gomathy	Dept. of English
20.	Mrs.H.J.Shanthi	Dept. of Information Technology
21.	Mr. K. Sekar	Librarian i/c
<b>V Professors other than the Heads of the Departments (By Rotation of Seniority)</b>		
22.	Capt.Yeshwanthraj	Department of Nautical Science
23.	Capt.P.Rajendran	Department of Nautical Science
24.	Mr.BhoopathyBhaskaran	Department of Marine Engineering
25.	Mr.K.G.Ravikumar	Department of Marine Engineering
26.	Mr.D.ImmanuelThiyagrajan	Department of Marine Engineering
27.	Dr.A.Shameem	AMET Business School
28.	Mr.P.Palanichamy	Department of Mathematics
29.	Dr.J.Rajaraman	Department of Harbour and Ocean Engg.
30.	Dr.D.Arivazhagan	Director - Networking
<b>VI Two Associate Professors from the Departments other than the Heads of the Departments by Rotation of Seniority</b>		
31.	Dr.M.Bina Celine Dorathy	AMET Business School
32.	Dr.T.Nagalakshmi	Department of Petroleum Engineering
<b>VII Two Assistant Professors from the Departments by Rotation of Seniority</b>		
33.	Mr.P.Ramanathan	Department of Mechanical Engg.
34.	Mr.S.Arunkumar	AMET Business School
<b>VIII Three Eminent Educationists from other field related to the activities of the Institution Deemed to be University who are not in the service of the Institution Deemed to be University, nominated by the Vice-Chancellor</b>		
35.	Dr.Chitra Krishnan	HOD- Foreign Language, University of Madras

36.	Dr.V.Thangaraj	Controller of Examinations, Vel Tech University
37.	Dr.B.Swaminathan	Asst. Professor, School of Maritime Management, Indian Maritime University
<b>IX Three persons who are not members of the Teaching staff, co-opted by the Academic Council for their specialised knowledge</b>		
38.	Mr.Santhana Krishnan	Ship /Yard Manager Marine Consultant
39.	Dr. M. A. Muthu Manickam	Scientist F, Joint Director, DRDO / Combat Vehicles Research & Development Establishment, Chennai
40.	Mr.Gangadharan Vinod	Regional Vice President, The Shipping Corporation of India Ltd, Chennai
41.	Capt. Saurabh Mahesh	Head – Crew Sourcing & Cadet Administration Maersk Line Singapore
<b>Special Invitees</b>		
42.	Mrs.V.SangeethaAlbin	Director – Administration
43.	Prof.K.Seyadu	Chief Executive Officer
44.	Dr.K.Duraipandian	Controller of Examinations
45.	Dr.J.Rengamani	Dean – Faculty Development

## **MEMBERS OF THE PLANNING & MONITORING BOARD**

1. Col.Dr.G.Thiruvassagam, Vice-Chancellor, AMET University – Chairman
2. Dr.MeenakshiGopinath, Principal, Lady Sri Ram College for Women, New Delhi (UGC Nominee)
3. Dr.T.Balakrishnan, Former Vice-Chancellor, Periyar University
4. Capt.G.Ramaswamy, CEO, SeaTeam Management (I) (P) Ltd
5. Dr.J.P.Sukumar, Former Director of Physical Education, Anna University Sports Board, Anna University
6. Dr.S.Hariharan, Director, Academic Staff College, Pondicherry University
7. Dr.S.Karunanidhi, Prof & Head, Dept. of Psychology, University of Madras
8. Dr.Chitra Krishnan, Prof & Head, Dept. of French and other Foreign Languages, University of Madras
9. Dr.G.Krishnamoorthy, Director, Anna University Library, Chennai
10. Dr.M.K.Padmanaban, Chief Executive Officer, Premier Center for Competency Training (PCFCT), Chennai
11. Mr.K.Seyadu, Chief Executive Officer, AMET University
12. Prof.K.R.Chidambaram, Principal – DGS Courses
13. Dr.N.Manoharan, Rector-Technical
14. Dr.S.Ramachandran, Rector - Strategy
15. Dr.P.N.Ananthanarayanan, Director-Petroleum Engineering
16. Prof.Cdr.PrashantkumarSinghal, Chairperson, School of Offshore Engineering
17. Capt.K.Karthik, Dean-Nautical Science
18. Mr.BhoopathyBhaskaran, Professor, Dept. of Marine Engineering
19. Dr.P.Saravanan, Registrar, AMET University – Secretary

## FINANCE COMMITTEE MEMBERS

Name & Designation	Position
Col.Dr.G. Thiruvassagam, Vice-Chancellor, AMET University	Chairman
Mr. S.Karikalan	Nominee of the Trust
Shri. Narayan Singh, Joint Secretary, UGC, New Delhi	UGC Nominee
Mrs.V.SangeethaAlbin	Nominee of the Board of Management
Mrs.D.Nalini, Finance Officer	Secretary
Mr.B.Thiyagarajan	Auditor

## BOARD OF RESEARCH

<b>Col. Dr. G. Thiruvassagam,</b> Vice – Chancellor, AMET University, Chennai – 603 112	Chairperson
<b>Dr. P. Sivakumar</b> Director, DRDO/Combat Vehicles Research & Development Establishment(CVRDE), Avadi, Chennai - 600 054	Member
<b>Dr. S. Mohan,</b> Professor, Environmental and water Resources Engineering Division, Department of Civil Engineering, IIT Madras, Chennai - 600036	Member
<b>Dr. Ajay Parida,</b> Executive Director, M S Swaminathan Research Foundation Third Cross Road, Taramani Institutional Area Chennai – 600 113	Member
<b>Dr. P. Iyamperumal,</b> Director, Tamil Nadu Science and Technology Centre, Gandhi Mandapam Road, Chennai - 600 025	Member
<b>Dr. B. Venkataraman,</b> Head, Radiological Safety Division & Associate Director, Radiological Safety and Environmental Group, Indira Gandhi Centre for Atomic Research, Department of Atomic Energy, Government of India, Kalpakkam – 603 102	Member



<b>Dr. R. Venkatesan,</b> Group Head, Scientist - G, Ocean Observation System, National Institute of Ocean Technology (NIOT), Chennai – 600 100.	Member
<b>Dr. J. Krishnamurthy,</b> Deputy Director, Earth Observation Systems Programme Office, Indian Space Research Organisation, Headquarters Antariksh Bhavan, New BEL Road, Bengaluru – 560 231	Member
<b>Dr. R. Brakaspathy,</b> Advisor / Scientist – G, Department of Science and Technology, Government of India, Technology Bhavan, New Mehrauli Road, New Delhi – 110 016	Member
<b>Dr. N.K. Chandrababu,</b> Scientist – G, Cluster Chairman Leather Process Technology, Central Leather Research Institute (CLRI) Government of India, Adyar, Chennai – 600 020	Member
<b>Dr. N. Srinivasan,</b> Professor, Chettinadu Academy of Research and Education Rajiv Gandhi Salai, Kelambakkam, Kanchipuram Dist – 603 103	Member
<b>Dr. R.R. Krishnamurthy,</b> Professor and Head, Department of Applied Geology University of Madras, A.C. College of Technology, Guindy Campus, Chennai – 600 025	Member
<b>Dr. P. Saravanan,</b> Registrar, AMET University, Chennai – 603 112	Member
<b>Dr. M. Jayaprakashvel</b> Deputy Director – Research AMET University, Chennai – 603 112	Member
<b>Dr. N. Manoharan,</b> Secretary, Director – Research, AMET University, Chennai – 603 112	Secretary

## **SCHOOLS OF THE UNIVERSITY**

### **1. SCHOOL OF MARINE SCIENCE**

Chairperson :Prof. K.R. Chidambaram

Department of Marine Engineering,

HND Marine Engineering

### **2. SCHOOL OF NAUTICAL SCIENCE**

Chairperson :Capt. Yeswanthraj

Department of Nautical Science,

Department of Pre-Sea Modular Courses,

HND Nautical Science,

Post Sea Courses,

GMDSS Courses

### **3. SCHOOL OF ELECTRICAL ENGINEERING**

Chairperson :Dr. S.V. Saravanan

Department of Electrical & Electronics Engineering (Marine)

Department of Information Technology

### **4. SCHOOL OF OFFSHORE ENGINEERING**

Chairperson :Dr. P.N. Ananthanarayanan

Department of Naval Architecture & Offshore Engineering

Department of Harbour & Ocean Engineering

Department of Petroleum Engineering

### **5. SCHOOL OF MECHANICAL ENGINEERING**

Chairperson : Dr. R. Rajavel

### **6. AMET BUSINESS SCHOOL**

Chairperson : Dr. S. Ramachandran

### **7. SCHOOL OF LIFE SCIENCE**

Chairperson : Dr. M. Jayaprakashvel

Department of Biotechnology

### **8. SCHOOL OF PHYSICAL SCIENCE AND EDUCATION**

Chairperson :Dr. D. Ebenezer

Department of Chemistry,

Department of Physics,

Department of Mathematics,

Department of Physical Education.

### **9. SCHOOL OF LANGUAGE STUDIES**

Chairperson : Mrs. S. Gomathy  
Department of English,  
Department of Foreign Language

## **DEANS, DIRECTORS & CO-ORDINATORS**

### **DEANS**

#### **1. Academic**

Dr.P.N. Ananthanarayanan, Department of Petroleum Engineering

#### **2. Curriculum Development**

Dr. V. Balamurugan, Department of Information Technology

#### **3. Life Science**

Dr. M. Jayaprakashvel, Department of Marine Biotechnology

#### **4. Post Graduate Studies & Curriculum Development**

Mr.T.Mohan – Department of Marine Engineering

#### **5. Under Graduate Studies**

- a. DG Courses – Capt. Yeshwanthraj, Department of Nautical Science
- b. Non DG Courses – Dr.R.Rajavel, Department of Mechanical Engineering

### **DIRECTORS**

#### **1. Students Affairs**

Mr.K.Seyadu, Chief Executive Officer & Chief Warden

#### **2. Research**

Dr.N.Manoharan, Centre for Research

#### **3. University Centre for International Relations (UCIR)**

Mr. R. Theertham– Department of HND (NS)

#### **4. Faculty Development Programme**

Dr.J.Rengamani, AMET Business School

#### **5. Centre for E-Governance**

Dr. D. Arivazhagan

#### **6. Entrepreneurship Development Cell**

Dr. Bina Celine Dorothy, AMET Business School

## **COORDINATORS**

### **1. Industry and Institution Collaborative Cell (IICC) & Business Incubator**

Ms. Annie Sam, AMET Business School

### **2. Personality & Skill Development**

Dr. A. Shameem, AMET Business School

### **3. Alumni Association**

Mr. Bhoopathy Bhaskaran, Department of Marine Engineering

### **4. Extension Activities**

Ms. J. Swathi, Department of Petroleum Engineering

### **5. Internal Quality Assurance Cell (IQAC)**

Dr. M. Jeyaprakashvel, Department of Marine Biotechnology

### **6. Implementation of MoUs**

Mr. P. J. Samson, Department of HND (Nautical Science)

### **7. CBCS (Choice Based Credit System)**

Dr. V. Balamurugan, Department of IT

### **8. Spoken Tutorial**

Mr. T. Johnson, IELTS Centre

### **9. Earn while you learn**

Mr. K. Manigandan, Department of English

### **10. Faculty Welfare**

Dr. R. Srinivasan, AMET Business School

### **11. Staff Association**

Dr. J. Rengamani, AMET Business School

### **12. Students Union**

Dr. A. Manojkumar, Department of Physical Education

### **13. Programme for Weaker students and Advanced learners**

Dr. P. Ramanathan, Dept. of Mechanical Engg.

### **14. Environmental Development**

Mr. N. Srikumaran, Department of Marine Biotechnology

### **15. Yoga & Meditation**

Dr. V. Balamurugan, Department of IT

### **16. Students Counseling Centre**

Ms. V. Amirthavalli, Department of Petroleum Engineering

### **17. Centre for Women Empowerment**

Ms. H. J. Shanthi, Department of Information Technology

**18. Peace Club**

Capt. I.V.S.Ramakrishnan, Department of Pre Sea Modular Courses

**19. Cultural Affairs**

Dr.KanagamaniBalasubramanian, Department of English

**20. National Service scheme and Blood Donation Club**

Mr. S.Arun Kumar, AMET Business School

**21. Gender Sensitization Programs :**

Mrs.S.Gomathy, Department of English

**22. Career Development Centre**

Dr.D.Rajasekar, AMET Business School

**23. Networking**

Mr.J.Balasubramanian, System Manager

**24. Equal Opportunity Cell**

Mr. P. Mohamed Rajab, Dept. of Harbour& Ocean Engineering

**25. SC/ST Cell**

Mr. P. Veerakumar, Dept. of EEE (Marine)

**26. Estate Officer**

Mr. M.Ramanathan

### HEADS OF THE DEPARTMENTS

- |                                      |   |  |
|--------------------------------------|---|--|
| 1. Prof. K.R. Chidambaram            | - | HOD - Department of Marine Engineering       |
| 2. Capt. Yeshwanth Raj               | - | HOD - Department of Nautical Science         |
| 3. Prof. P.S. Sridhar                | - | Afloat Training, Dept of Marine Engg         |
| 4. Prof. Cdr. Prashant Kumar Singhal | - | HOD - Department of Naval Architecture       |
| 5. Dr. S.V. Saravanan                | - | HOD - Department of Marine EEE               |
| 6. Dr. P.N. Ananthanarayanan         | - | HOD - Department of Petroleum Engineering    |
| 7. Dr. K. Thiruvenkatasamy           | - | HOD - Department of Harbour Engineering      |
| 8. Dr. V. Balamurugan                | - | HOD - Department of Information Technology   |
| 9. Dr. M. Jayaprakashvel             | - | HOD - Department of Bio-Technology           |
| 10. Dr. R. Rajavel                   | - | HOD - Department of Mechanical Engineering   |
| 11. Mr. P.J. Samson                  | - | HOD - Department of HND Nautical Science     |
| 12. Dr. S. Ramachandran              | - | HOD - AMET Business School                   |
| 13. Mr. S. Rengaraju                 | - | HOD - Department of HND - ME                 |
| 14. Capt. K. Karthik                 | - | HOD - Department of Post Sea Training        |
| 15. Capt. I.V.S. Rama Krishna        | - | HOD – Department of Pre Sea Modular Courses  |
| 16. Mr. R.N. Raju                    | - | HOD, Department of GMDSS                     |
| 17. Dr. R. Gandhimathi               | - | HOD, Department of Physics                   |
| 18. Dr. P. Bosco Dhanaseeli          | - | HOD, Department of Chemistry                 |
| 19. Dr. D. Ebenezer                  | - | HOD, Department of Mathematics               |
| 20. Mrs. S. Gomathy                  | - | HOD, Department of English                   |
| 21. Dr. M. Vijayaragavan             | - | HOD - Department of Physical Education       |
| 22. Mr. K Sekar                      | - | Librarian, Department of Library             |
| 23. Mr. P. Ramanathan                | - | Principal, AMET University Community College |

## **INTERNATIONAL ADVISORY BOARD – DEPARTMENT WISE**

### **Department of Naval Architecture & Offshore Engineering**

1. Dr. Nikolas Xiros - Professor, Department of Naval Architect, University of New Orleans, USA
2. Mr. Sohan Roy - Naval Architect, CEO & Founder, Aries Group of Companies, Sharjah, UAE
3. Mr. Nawal Saigal - Former MD, Dubai Drydocks, UAE
4. Cdr. Balakrishnan G. Nair - Chief Engineer, Structural and Naval Engineering, Naval Architect, Saipem India Projects Pvt. Ltd., Chennai
5. KJH Christie - Vice President - Design, L & T Shipbuilding, Chennai
6. Cdr. Arvind Kaushik - Head-Business Development (Naval Works), L&T Construction (Heavy Civil Infrastructure) Larsen & Toubro Ltd., New Delhi - 110 019

### **Department of Petroleum Engineering**

1. Mr. Guy Allinson - Senior Lecturer, School of Petroleum Engineering The University of New South Wales, Australia
2. Dr. Mariyamni Binti Awang - MOR Director, Department of Petroleum Engineering Universiti Teknologi Petronas, Malaysia
3. Prof. Brian Evans - Head, Dept of Petroleum Engineering (Subsea Eng) Curtin University- Science & Engineering, Western Australia
4. Mr. P. Chandrasekaran - General Manager & Basin Manager, Krishna – Godavari & Pranhita - Godavari Basins ONGC, Chennai

### **Department of Mechanical Engineering**

1. Dr. C. Periasamy - Professor, Department of Mechanical Engineering Birla Institute of Technology & Science, Pilani, Dubai United Arab Emirates
2. Dr. M.V.N Sankaram - Professor, Department of Mechanical Engineering Birla Institute of Technology & Science, Pilani, Dubai United Arab Emirates
3. Dr. R. Udhayakumar - Associate Professor, Department of Mechanical

- Engineering, Birla Institute of Technology & Science,  
Pilani, Dubai United Arab Emirates
4. Dr. Yu Zhou - Professor, Shenzhen Graduate School Harbin Institute of Technology, Room No 310, Building C, Xili University Town, Shen Zhen, China, 518055
  5. Mr. Abdelsalam Mohammad - Professor, Department of Mechanical Engineering, Al-Sarkhi King Fahd University of Petroleum & Minerals, South Arabia
  6. LU Lin, Vivien - Associate Professor, Department of Building Services Engineering, The Hong Kong Polytechnique University, Hong Kong China
  7. Dr. A. Antar, Mohammed - Professor, Department of Mechanical Engineering, King Fahd University of Petroleum and Minerals Bldg 63 Room 313, Phone : 966-13-860 2964, Saudi Arabia

#### **AMET Business School**

1. Dr. Daniel - UTS, Sydney
2. Dr. Jeremy Howells - University of Southampton, UK
3. Mr. M. Armstrong - Head-Operations, SchenkerKhimji's LLC, Muscat, Sultanate of Oman
4. Mr. Nizamuddin Azeez - Manager-Operations, Inspectorate International, Jubail Port, Kingdom of Saudi Arabia



1. Name of the Department/School : **Marine Engineering**

2. Head of the Department : Prof.K.R.Chidambaram

3. Number of Faculty : 15

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	-	1	13	1
2	Female	-	-	-	-

4. Number of Office staff : 3

Male	Female
2	1

5. Thrust areas : Green shipping, Alternate Fuel, Emission Control, Metal Matrix Composite material

6. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	Undergraduate	B.E. (Marine Engineering)	2001	4 years
2	Certificate	Graduate Mechanical Engineer (GME)	2002	1 year
3	Certificate	Electro Technical Officer (ETO)	2013	4 months
4	Certificate	High Voltage Safety & Switch Gear Courses	2017	5 days

## 7. Guest Lectures

S. No.	Topic	Name of the Guest, Designation and Company	Date
1	Introduction of IR Class and Survey & Certification of Ships	Mr.Mahendra Singh Rawat, Principal Surveyor & Surveyor Incharge, Indian Register of Shipping, Chennai	31 <sup>st</sup> May 2017
2	ISPS awareness for Marine Engineers	Mr.Pattam Purandhar, Chief Engineer, Marine Pollution Control Officer, Chennai Port Trust	30 <sup>th</sup> September 2016
3	Marine Corrosion	Dr.R.Rajendran, Member and Vice Chair, KRT, SAE India Southern Section Chennai – 600 032	17 <sup>th</sup> August 2016
4	Control Automation in Marine Application	Mr.P.S.Sridhar, CEO & MR of Mega Tech Control	4 <sup>th</sup> September 2015

## 8. Conferences / Workshops / Seminar Conducted:

S. No.	Name of the Event	Concept/Theme	Date	Venue
1	Marine Traffic 2017	Enhancing Ship performance and improving fuel consumption with modern technology	31 <sup>st</sup> March 2017	AMET University
2	International Conference	Past, Present and Future of Marine Industry	13 <sup>th</sup> March 2017	AMET University
3	International Conference	Shipping: Indispensable to the World	19 <sup>th</sup> April 2016	
4	Marine Traffic 2016	Innovative and Automotive Operation Techniques in the modern Vessel	31 <sup>st</sup> March 2016	AMET University

5	Marine Traffic 2015	Developments and Innovations in Green Ships and Safety	31 <sup>st</sup> March 2015	AMET University
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9. Conferences / Workshops / Seminar attended:

S. No.	Name of the Event	Concept/Theme	Date	Venue	Name of the Faculty
1	National Conference	Recent Advances in Material Science & Nanotechnology	26 <sup>th</sup> & 27 <sup>th</sup> May 2017	AMET University	Mr.R.Rajendr Prasad
2	National Seminar	Mathematical tools for Research	24.05.2017	AMET University	Mr.R.Rajendr Prasad
3	Workshop	One Day workshop in Curriculum Development in CBCS Frame Work	21.04.2017	AMET University	Mr.R.Rajendr Prasad
4	Seminar	Renewable Energy – Present Scenario	3 <sup>rd</sup> & 4 <sup>th</sup> March 2017	The institution of Engineers (India)	Prof.S.Rengaraju
5	Seminar	Offshore Renewable Energy	22 <sup>nd</sup> February 2017	The institution of Engineers (India)	Prof.S.Rengaraju
6	International Conference	Innovation and sustainability in business and management	16 <sup>th</sup> & 17 <sup>th</sup> February 2017	Vels University, Chennai	Mr.R.Rajendr Prasad
7	Seminar	Environmental Issues in Marine Technologies	26 <sup>th</sup> & 27 <sup>th</sup> August 2016	The institution of Engineers (India)	Prof.S.Rengaraju
8	Conference	Britannia Risk Management Seminar	23.03.2015	Taj Connemara Hotel, Chennai	Prof.Suresh Pattabhira man

## 10.Faculty Development Programme

S. No.	Name of the FDP	Duration	Name of the faculty member
1	Teaching Methodology	2 hrs	Prof.K.R.Chidambaram Prof.Bhoopathy Bhaskaran Prof.M.Rajaseakaran Prof.S.Rengaraju Prof.Suresh Pattabhiraman Mr.V.Ramachandran Mr.P.Rajan
2	Improving teaching learning technologies	One Day	Mr.R.Rajendr Prasad
3	Modern Tools for Research Publications and Publication metrics	1 hr	Prof.Bhoopathy Bhaskaran Prof.P.S.Sridhar Prof.A.P.Chengalath Prof.K.G.Ravikumar Prof.V.Rajagopalan Prof.S.P.Venugopal Prof.M.B.Kannan
4	Teaching Methodology	2 hrs	Prof.Bhoopathy Bhaskaran
5	Training for Trainers and Assessors	12 days	Mr.V.Ramachandran

11. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2nd and 9th February 2017	Ennore Port Oil Clean up	Mr.Wilson	20
2	20.09.2016	Troubleshooting & maintenance of Fishing Boat Engines	Prof.K.R.Chidambaram	-
3	11.09.2015	Awareness for Local Fishing Folks in Latest Technologies on Weather Updates and Potential Fishing Zone	Prof.P.S.Sridhar	8
4	09.09.2014	Awareness for Local Fishing Folks in Latest Technologies on Weather Updates and Potential Fishing Zone	Prof.A.Venugopal, Prof.T.Mohan, Prof.D.Immanuel Thiayagarajan	20
5	17.10.2014	Generate awareness of local Fishing Folks on Fire and Safety	Prof.A.Venugopal, Prof.T.Mohan, Prof.D.Immanuel Thiayagarajan	20



## 12. Achievements :

Students :

S.No	Name of the Faculty	Institution	Nature of Award / Prizes	Date
1	S.Yogesh 1218B (2010-2014)	Sri Venkateswara College	Second Prize - Paper Presentation	September 2014
2	G.Yogaraj 1217B (2010-2014)	Sri Venkateswara College	Second Prize - Paper Presentation	September 2014
3	Verma Akhilesh Phoolchand 1195B (2010-2014)	Sri Venkateswara College	First Prize - Marine Quiz	September 2014
5	Rohit Pandey 1157B (2010-2014)	Sri Venkateswara College	First Prize - Marine Quiz	September 2014
6	Anand Kannan 1239B (2011-2015)	Sri Venkateswara College	Third Prize - Paper Presentation	September 2015
7	Illavarasu.S L1435B (2011-2015)	Sri Venkateshwara College	Second Prize - Marine Quiz	September 2015
8	Asim Khan 1253B (2011-2015)	Sri Venkateshwara College	Second Prize - Marine Quiz	September 2015
9	Sashank Muddamsetty 1318B (2011-2015)	Sri Venkateswara College	First Prize - Marine Quiz	September 2015
10	Paras Sawnhey 1334B ((2011-2015)	Sri Venkateswara College	First Prize - Marine Quiz	September 2015
11	Raghav Arvind.R	Jipmer- Spandan 2015( NOV 2015)	JAM-III Place	NOV 2015
12	Raghav Arvind.R , Vijay Anand , Jayasuriya, Rishab Ramakrishnan, Prathap Kumar , Priyavarman	Jipmer- Spandan 2015( NOV 2015)	II Place	NOV 2015
13	Sayantan Ganguly	Leo Club Culturals Anna University 2016 (Feb 2016)	II place, Solo singing	Feb 2016
14	Marshal, Jacob, Sayantan Ganguly	Leo Club Culturals Anna University 2016 (Feb 2016)	I Place ,Group Singing	Feb 2016
15	Raghav Arvind.R , Jayasuriya, Rishab Ramakrishnan, Chilambarasan	Leo Club Culturals Anna University 2016 (Feb 2016)	Adzap – I Place	Feb 2016
16	Raghav Arvind , Chilambarasan , Balaji,	Leo Club Culturals Anna University 2016	Variety – I place	Feb 2016

	Anthony Ruben, Surya, Sharath, Sriram, Gokul	(Feb 2016		
17	Ajithkumar, Tarun, Praveen, Ajaysurya, sathya	Leo Club Culturals Anna University 2016 (Feb 2016	Group Dance – I Place	Feb 2016
18	Uma maheswaran, Abishek, Saimithrama, Rishab Ramakrishnan, Parminder Singh	Leo Club Culturals Anna University 2016 (Feb 2016	Fashion Show- I Place	Feb 2016
19	Uma maheswaran(1576B)	Merdith 2k16 AMET University	Paper Presentation – II Place	Feb 2016
20	Raghav Arvind R(1703)	Merdith 2k16 AMET University	Debate- I Place	Feb 2016
21	Raghav Arvind R(1703), Rishab	Merdith 2k16 AMET University	Quiz- II Place	Feb 2016
22	Raghav Arvind R	VIT Chennai	Shipwreck – II place	March 2016
23	Raghav Arvind R, Rishab Ramakrishnan	VIT Chennai	Debate – II Place	March 2016
24	Raghav Arvind, Chilambarasan, Surya, Rishab Ramakrishnan, Abishek	PIMS AURA 2016	ADZAP – II prize	AUG 2016
25	Rishab Ramakrishnan	PIMS AURA 2016	Treasure hunt – II prize	AUG 2016
26	Rishab Ramakrishnan	PIMS AURA 2016	Cine Quiz – II prize	AUG 2016
	Raghav Arvind	PIMS AURA 2016	Block and Tackle – II prize	AUG 2016
27	Rishab Ramakrishnan	PIMS AURA 2016	Shipwreck – II Priz	AUG 2016
28	Raghav Arvind, Rishab Ramakrishnan	PIMS AURA 2016	Star of Aura ( winner)	AUG 2016
29	Raghav Arvind	PATRICIAN COLLEGE 2016	Block and Tackle – III Prize	2016

30	Raghav Arvind, Chilambarasan, Abishek	PATRICIAN COLLEGE 2016	Adzap – III Prize	2016
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13.Faculty profile with name, qualification, designation and specialisation

S.No.	Name	Designation	Qualification	Specialization	No. of years of Experienc e (Total) (Industry + Teaching)
1	K.R.Chidambaram	Prinicpal	BE(Mech), First Class Motor	Marine Engineering	45
2	S.Rengaraju	Professor	BE (Mech), First Class Motor	Auxiliary System, Propulsion, Safety Engineering & Environment	39
3	M.Rajasekaran	Professor, Course Incharge BE	BE, First Class Motor	Marine Auxiliary Machinery	45
4	Bhoopathy Bhaskaran	Professor	B.Sc, First Class (Motor)	Fuel & Lubrication Technology, Marine Internal Combustion Engines, Marine Engineering	30
5	Suresh Pattabhiraman	Professor	BE, 1st Class Marine Engineering	Marine Engineering Control Systems, Marine Engineering, Ship Fire Prevention & Control	40
6	P.S.Sridhar	Professor	BE (Mech), First Class Motor	IMO, Equipment Drawing	33



7	K.Rajagopalan	Professor	B.E., First Class Motor	Marine Engineering	20
8	K.G.Ravikumar	Professor	BE (Mech), First Class Motor	Internal Combustion Engineering, Auxiliary Machinery	37
9	S.P.Venugopal	Professor	BE (EEE), First Class Motor	Marine Engineering	44
10	S.Shanmuga Sundaram	Asst. Professor	BE (EEE)	Electrical Competencies	40
11	V.Ramachandran	FF LAB	BE (EEE) Second Class Motor	Fire Fighting and Fire Prevention	48
12	R.Rajendr Prasad	Asst. Professor	GME., M.BA	Marine Engineering	4

14. List of Senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Mr.D.Immanuel Thiayagarajan	MEO First Class Motor	Professor	Marine Engineering	40
2	Mr.C.P.Rayen	Motor First Class	Professor	Marine Engineering	42
3	Mr.A.P.Chengalath	BSc., B.E., MOT., Class-I	Professor	IMO, Refrigeration, Boilers	36

15. Research Scholars

- Full Time : -

- Part Time : Four

16. Number of Research projects with details

- a) Ongoing : -
- b) Approved : -
- c) Submitted : Seven

17. Publications:

Number of papers published in Scopus Indexed Journals

- National 54
- International -

18. Paper Presentation in Conferences:

- National - Two
- International - Nil

19. Details of patents if any:

S. No.	Patent Details	Name of Faculty
1	Engine Room 0 ppm Bilge Oil Separator	Prof.D.I.Thiayarajan et al
2	Effluent Treatment for Marine and Shore Based Applications	Prof.A.Visweswaran et al
3	Sewage Treatment for Marine and Shore Based Applications	Prof.A.Visweswaran et al
4	Self Regulating Slow Speed Turbo Charging System in direct coupled Marine propulsion engine	Prof. D. Immanuel Thiagarajan et al
5	Remote operated underwater Vehicle with Acoustic Positioning System for Measurement of Hull Thickness of Ship	Prof. D. Immanuel Thiagarajan et al
6	Rotary Pneumatic Motor Having No	Prof. D. Immanuel Thiagarajan

	Reciprocating Parts	et al
7	Rewritable Paper	Mr.Rajendr Prasad et.al.,

20. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

S. No.	Category	Name of the Faculty	Designation and Name of the committee
1	National Committee	Mr.K.R.Chidambaram	Member in Institute of Marine Engineers, Member of UG/PG, Board of Anna University
2	National Committee	Mr.P.S.Sridhar	Member in Institute of Marine Engineers
3	National Committee	Mr.M.Rajasekaran	Member in Institute of Marine Engineers, Institute of Engineers
4	National Committee	Mr.Bhoopathy Bhaskaran	Member in Institute of Marine Engineers, Institute of Engineers
5	National Committee	Mr.K.G.Ravikumar	Member in Institute of Marine Engineers, Member of UG/PG, Board of Anna University
6	National Committee	Mr.Rajendr Prasad	Member in Institute of Marine Engineers (India)

21. Awards / recognitions received at the national and international level by

- a) Faculty

Name of the Staff	Recognition/award Details	Awarding authority	Year of Award
Prof.D.Immanuel Thiayagarajan	Award received as commendation of the student volunteers and the University for participating in "Oil Spill Cleanup at Ennore Port"	Royal Madras Yacht Club, Chennai	2017

b) Students

1. Cadet. Neelesh of BE (Marine Engineering) -9 (2009-2013) attended a workshop & seminar at Maritime Academy of Asia and the Pacific (MAAP), Manila/Mariveles from 22<sup>nd</sup> to 29<sup>th</sup> September 2013.

2. Cadet. Rahul Prabhu of BE (Marine Engineering) – 11 (2011-2015)  
Participated in the IAMU Students Forum 2015 held at Tokyo, Japan, 21-23 July 2015

22. Present details of infrastructural facilities with regard to

Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	692
2	Project Report	162
3	CDs Prepared by Staff members	18
4.	Manuals	7
5.	Journals (online)	23
6	Question Banks	12

23. List the distinguished alumni of the department

S.No.	Name of Alumni	Batch	Place of Work
1	Kamalasekaran	GME – 1 (2002-2003)	Chief Engineer Poompuhar Shipping Corp Ltd.
2	ArjunSrikanth	BE (ME) – 2 (2002-2005)	Technical Superintendent Sea Consortium Pte Ltd 11, Duxton Hill, Singapore-089595
3	Vijay D Selvam	BE (ME) -3 (2003-2006)	Chairman/ managing director , Le AMVI Brothers pvt ltd
4	V.Vanjimuthu	BE (ME) – 3 (2003-2006)	Second Engineer Fleet Management limited
5	KISSINGER GEORGE	BE (ME) -3 (2003-2006)	2ND ENGINEER UNIVAN SHIPPING
6	VINCENT	BE (ME) -3	2ND ENGINEER MAERSK

	CHRISTOPHER KING	(2003-2006)	TANKERS, SINGAPORE
7	Harjit Singh	BE (ME) -3 (2004-2007)	THIRD ENGINEER MAERSK
8	Vishal Stephen Fernandes	BE Marine Technology - (2005-2008)	INDUS GLOBAL LINES
9	Ullas Krishnan	BE Marine Technology - (2007-2010)	3rd Officer @ Maersk Tankers
10	Vijayan.S	GME - 9 (2010-2011)	Assistant Professor,J.J College of Engineering &Technology,Trichy.

24. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2nd and 9th February 2017	Ennore Port Oil Clean up	Mr.Wilson	20
2	20.09.2016	Troubleshooting & maintenance of Fishing Boat Engines	Prof.K.R.Chidambaram	-
3	11.09.2015	Awareness for Local Fishing Folks in Latest Technologies on Weather Updates and Potential Fishing Zone	Prof.P.S.Sridhar	8
4	09.09.2014	Awareness for Local Fishing Folks in Latest Technologies on Weather Updates and Potential Fishing Zone	Prof.A.Venugopal, Prof.T.Mohan, Prof.D.Immanuel Thiayagarajan	20
5	17.10.2014	Generate awareness of local Fishing Folks on Fire and Safety	Prof.A.Venugopal, Prof.T.Mohan, Prof.D.Immanuel Thiayagarajan	20

25. Placement details of the Department :

S.No	Year	No. Of Company Visited	No. of Students eligible for Placement	No. of Students Placed
1	2014 - 15	15	1512	410
2	2015- 16	14	464	200
3	2016-17	12	449	106

26. Any other information deemed fit :

**Obtained approval from the Directorate General of shipping to run a course  
“High Voltage Safety & Switch Gear” course from May 2017 onwards**



1. Name of the Department/School : **CHEMISTRY**

2. Head of the Department : Dr. J Balakrishnan

3. Number of Faculty : 03

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	2	-	-	-
2	Female	1	-	-	-

4. Thrust areas : Electrocatalysis, Organic synthesis, Photocatalysis

5. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	Research	Ph.D	2002	3

6. Students strength :

S. No.	Program Category	Applied	Admitted	Students Strength		
				Male	Female	Foreign
1	Ph.D	3	4	2	2	-



7. Faculty profile with name, qualification, designation and specialisation

S. No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1	Dr. J Balakrishnan	Assistant Professor & HOD	M.Sc, M.Phil, Ph.D., SET.	Chemistry	8
2	Mr.S. Ekambaram	Assistant Professor	M.Sc,	Chemistry	4
3	Mrs. Bosco Dhanaseeli P	Assistant Professor	M.Sc,	Chemistry	5

8. List of Senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Dr.V.Balasubramanian	M.Sc, Ph.D.,	Adjunct faculty	Physical Chemistry	52

9. Research Scholars

- Full Time : 0
- Part Time : 4



#### 10. Publications:

Number of papers published in Scopus Indexed Journals

- National – 20
- International – 53

#### 11. Paper Presentation in Conferences:

- National – 15
- International – 10



#### 12. Present details of infrastructural facilities with regard to

Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	2
2	Project Report	-
3	CDs Prepared by Staff members	3
4.	Manuals	4
5.	Journals (online)	1
6	Question Banks	3

1. Name of the Department/School : **English / School of Language Studies**

2. Head of the Department : Dr. Mrs. Kanagamani Balasubramanian

3. Number of Faculty :6

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	-	5		
2	Female	1	-		

4. Thrust areas: EnglishLanguage Teaching



5. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	27.5.2014	Computer Assisted Language Learning	Dr.Kanagamani Balasubramanian K.Manigandan	23

6. Faculty profile with name, qualification, designation and specialisation

S. No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1.	Dr. Mrs. Kanagamani Balasubramanian	Professor &HOD	M.A., B.Ed., M.Phil., PhD.	English Langugae Teaching	10
2.	Mr. K. Manigandan	Assistant Professor	M.A., M.Phil	English Langugae Teaching	1.9
3.	Mr. J Jai dinesh	Assistant Professor	M.A., B.Ed., M.Phil.	Literature	3.6
4.	Mr. N. Santhakumar	Assistant Professor	M.A., M.Phil.,	Literary Theory	3
5	Mr. Hariharan	Assistant Professor	M.A., M.Phil	English Langugae Teaching	2
6	Mr. Ganesan	Assistant Professor	M.A., M.Phil	English Langugae Teaching	2

7. Research Scholars

- Full Time : -
- Part Time : 06

8. Paper Presentation in Conferences: 02

- National -
- International -2

9. Awards / recognitions received at the national and international level by

a) Faculty - 01

Name of the Staff	Recognition/award Details	Awarding authority	Year of Award
Dr.kanagamani Balasubramanian	Dr.APJ.Abdul Kalam Best Teacher Award 2014 for Excellence in Academia	Inner Wheel Club of Madras North in Association with Dr.MGR JANAKI College for Women	2014

10. Number of Ph.D., awarded during the assessment period:4

11. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	163
2	Project Report	-
3	CDs Prepared by Staff members	04
4.	Manuals	-
5.	Journals (online)	-
6	Question Banks	4

1. Name of the Department/School : **Harbour & Ocean Engineering**

2. Head of the Department : Dr.K.Thiruvengatasamy

3. Number of Faculty : 5

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	2	2	1	-
2	Female	-	-	-	-

4. Number of Office staff :

Male	Female
1	-

5. Thrust areas : Port planning, Coastal maritime structures, sediment transport, coastal modelling, Marine geology and Offshore structures

6. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	UG	B.E.Harbour & Ocean Engineering	2008-2009	4 Years
2	Ph.D	Ph.D. Harbour & Ocean Engineering	2009	4 Years

7. Guest Lectures : 4

S. No.	Topic	Name of the Guest, Designation and Company	Date
1	Tsunami vulnerability on east coast of India	Dr. Arun Bapat, Research seismologist, Pune	25/08/2017
2.	Design of Groins	Dr.J.S.Mani, Professor (Retd), IIT Madras	30/09/2016

3	Field Demonstration on RTK	K.Ramesh, Service Engineer	21/03/2017
4	Total Station – Field Demonstration	P.Sakthivel, Service Engineer	05/04/2017

8. Conferences / Workshops / Seminar Conducted: 1

S. No.	Name of the Event	Concept/Theme	Date	Venue
1	International Conference	Development of Minor Ports	Friday - 26th August, 2016	AMET University

9. Conferences / Workshops / Seminar attended:

S. No.	Name of the Event	Concept/Theme	Date	Venue	Name of the Faculty
1	EADA 2017 Conference	Dredging, Land Reclamation, Inland Waterways siltation analysis, Coastal zoon Management	24 <sup>th</sup> March 2017	Hyderabad	Dr.K.Thiruve nkatasamy
2	EADA 2016 Conference	Modelling Coastal Sediment Transport for Harbour Planning – An Indian Case Study.	11-12 March 2016	Adani Port Office, Ahmedabad	Dr.K.Thiruve nkatasamy
3	International Conference	Multiport Challenges in Business, Chennai	2 <sup>nd</sup> September 2016	Chennai	Dr.K.Thiruve nkatasamy
4	International Conference	Indispensable to the world (IMO Theme for 2016), Chennai	19 <sup>th</sup> April 2016	Chennai	Dr.K.Thiruve nkatasamy
5	International Conference	GEO-CHICAGO 2016, Chicago (American Society Of Civil Engineers, Sustainability, Energy and Geoenvironment)	14-18 August, 2016	Chicago	Prof.Dr.J.Raja raman

10. Faculty Development Programme:

Date	Name of the FDP	Duration	Name of the faculty member
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09.01.2017	Modern Trends for Research Publications and Publication Metrics	One Day	Dr.K.Thiruvankatasamy Prof.Dr.J.Rajaraman Mr. P. Mohamed Rajab Mr.Bhagwant Sing Sidhu
10.01.2017	Research – Research Proposal – Winning Research Grant	One Day	Mr. P. Mohamed Rajab
25.11.2016	Teaching Methodology	One Day	Dr.K.Thiruvankatasamy Prof.Dr.J.Rajaraman Mr. P. Mohamed Rajab Mr.Bhagwant Sing Sidhu
11th& 12th August 2016	Two days workshop on High Impact Teaching Skills / AMET University	Two days	Mr. P. Mohamed Rajab

11. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2016-17	Awareness Programme on Cyclone and Rip currents and their Mitigation measures	Mr. P. Mohamed Rajab Dr. K. Thiruvankatasamy Prof.Dr.J.Rajaraman	20
2	2016-17	Awareness Programme on Ocean Pollution and its Mitigation measures	Mr. P. Mohamed Rajab Dr. K.Thiruvankatasamy Prof.Dr.J.Rajaraman	30
3	2016-17	Awareness Programme on Rip currents and its Mitigation measures	Mr. P. Mohamed Rajab Dr. K.Thiruvankatasamy Prof.Dr.J.Rajaraman	15

12. Achievements :

a. Faculty:

Sl. No	Name	Award
1	Dr.L.Senthilnathan	DST- Science & Engineering Research Board
2	Dr. L. Senthilnathan	Fully sponsored for the participation in the IODE-OTGA training program

**b. Students:**

S.No	class	No. of Students involved	Nature of Model	Amount of Money	Date
1	HE-6: 4 <sup>th</sup> Year	13	Offshore Gravity Platform	Rs.10000 and Support provided by Workshop	September to November 2016

**13. Faculty profile with name, qualification, designation and specialisation**

S.No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1	Dr. K.Thiruvengatasamy	Professor & Head	Dr.Eng., M.S., B.E., MISTE (Post-Doctoral Fellow (UCC, Cork, Ireland) – Coastal Engineering)	Wave Hydrodynamics, Ocean Energy	19 Years
2.	Prof. Dr. J. Raja Raman	Professor	M.S.(IITM)., M.Sc.Tech., PhD	Marine Geo-Technical Engineering & Marine Geology, Marine	38 Years



				Environmental Geo Technology	
3	Mr.P.Mohamed Rajab	Assistant Professor	B.Tech., M.S (By Research)	Sediment Transport, Coastal Modelling ,and Studies on scour in the marine environment	11 Years
4	Mr.Bhagwant Singh Sidhu	Assistant Professor	B.Tech., M.Tech	Ocean Engineering, Basics of Dredging Technology, Offshore Structural Analysis	6 Months
5	Dr. L. Senthilnathan	Assistant Professor	M.Sc., Ph.D	1.5 Years	19-10-15

14. List of Senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Prof.Dr.Narashima Rao	Ph.D	Adjunct Faculty	Marine Geotechnics	35 years
2	Prof.GYV.Victor	Ph.D	Visiting Faculty	Coastal Zone Management	25 years

15. Research Scholars :

- Full Time : 1
- Part Time : 2

16. Number of Research projects with details :

- a) Ongoing : 1
- b) Approved : 1

17. Research Scholars :

- Full Time : 1
- Part Time : 2

18. Publications:

Number of papers published in Scopus Indexed Journals

- National - -
- International - 7

19. Paper Presentation in Conferences:

- National - -
- International - 3

20. Details of patents if any:

S. No.	Patent Details	Name of Faculty
1	Wave energy harnessing techniques using a modified structure of Oscillating Water Column (Ref. No. 201641025945)	Dr. L. Senthilnathan

21. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

S. No.	Category	Name of the Faculty	Designation and Name of the committee
1	ICESD CBEES 2017	Prof.Dr.J.Rajaraman	Technical Committee Member
2	GEOMATE 2015	Prof.Dr.J.Rajaraman	Technical Committee Member - Permanent Member
3	SEE - MIE 2015	Prof.Dr.J.Rajaraman	Technical Committee Member - Permanent Member
4	MIE	Mr. P. Mohamed Rajab	Coporate Member in Institute of Engineers India

22. Awards / recognitions received at the national and international level by

a) Faculty - Nil

Name of the Staff	Recognition/award Details	Awarding authority	Year of Award
Dr.J.Rajaraman	Best Faculty	AMET University	2016-17

23. Students -

Sl. No	Roll No	Name	Year	Award Category
1	HE099	Pragadeeswaran. T	Passed Out – 4th Year	Best Project
2	HE108	Venkateswaran. N	Passed Out – 4th Year	Best Student
3	HE132L	Mohan Ram. J	3rd Year	Best Student
4	HE141	Tamilselvan. M	2nd Year	Best Student
5	HE151	Sagin.K.Jayan	1st Year	Best Student

24. Number of Ph.D., awarded during the assessment period: **NIL**



25. Present details of infrastructural facilities with regard to

Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	350
2	Project Report	90
3	CDs Prepared by Staff members	25
4.	Manuals	10
5.	Journals (online)	5
6	Question Banks	All Subjects





26. List the distinguished alumni of the department:

S. No.	Name of Alumni	Batch	Place of Work
1	ATHUL.S.KUMAR	1	HOWE INDIA, NEW DELHI
2	PRIYANKA SINHA	1	HOWE INDIA, NEW DELHI
3	SHASHANK YADAV	1	HOWE INDIA, NEW DELHI
4	E.RAJUKUMAAR	1	STUP CONSULTANTS, MUMBAI
5	D. ARUN BALAJIE	1	VAN OORD DREDGING, MUMBAI
6	REGURAJ R	2	VAN OORD DREDGING, MUMBAI
7	KARTHIKEYAN J B	2	VAN OORD DREDGING, MUMBAI
8	ROHIT P NAIR	2	VAN OORD DREDGING, MUMBAI
9	MADHUSUDHANAN M	2	URS SCOT WILSON, CHENNAI
10	VINOTH KUMAR S	2	SARATHY GEOTECH, BANGALORE
11	SATHYA NARAYANAN D	2	ISDPL, CHENNAI
12	M.PEER MOHAMMED FAZIL	2	AMMA LINES PVT LTD
13	A.BALASUBRAMANIAN	2	MARITIMUS CONSULTANTS, COCHIN
14	G.ARUN KUMAR	2	FUGRO SURVEYS MUMBAI
15	T.A.MAHADEV	2	EXPANSE INDIA BUILDCON PVT LTD., KOZHIKODE
16	PRASHOB.P	2	R.D.S. PROJECTS LIMITED, COCHIN
17	R.BALAVIGNESH	3	INDOMER COASTAL HYDRAULICS PVT LTD
18	SIVASANKAR.K	3	DHARTI DREDGING AND INFRASTRUCTURE LTD
19	VENKATESH. S	3	DHARTI DREDGING AND INFRASTRUCTURE LTD
20	AQUINAS PRAVEEN RAJ.A	3	DHARTI DREDGING AND INFRASTRUCTURE LTD
21	JOHNSON PUSHPARAJ.A	3	DHARTI DREDGING AND INFRASTRUCTURE LTD
22	BHARATH BOMMEESHWAR. K	3	DHARTI DREDGING AND INFRASTRUCTURE LTD

23	N.PRAVEEN KUMAR	3	AMET UNIVERSITY, KANATHUR, CHENNAI
24	MOHAMED AZHARUDDIN. I	3	SEAWORKS CO. DOHA, QATAR
25	PONLOGESH. M	3	SEAWORKS CO. DOHA, QATAR
26	SHAHUL HAMEED. D	3	SEAWORKS CO. DOHA, QATAR
27	ABHIJEET KUMAR JHA	4	DREDGING SOLUTION, BANGALORE
28	VIVEK. E	4	SEAWORKS CO. DOHA, QATAR
29	C.PRASANTH	4	RELIANCE INFRASTRUCTURES PVT LTD
30	THILAK KUMAR.P	4	PACIFIC BLUE, CHENNAI
31	ARUN BALAJI. J	4	SEAWORKS CO. DOHA, QATAR
32	HAMSIKA.R	4	COWI INDIA, CONSULTANCY PVT LTD, CHENNAI
33	AWAD YOUSOUF OKIEH	5	DJIBOUTIAN PORT
34	ELANGO VAN .G	5	SEA GEO SURVEYS PVT LTD
35	MOUSSA DAHER ELMI	5	DJIBOUTIAN PORT
36	NOUHO ALI HAMADOU	5	DJIBOUTIAN PORT
37	RAMKUMAR .A	5	SEA GEO SURVEYS PVT LTD
38	SAIDA ISMAEL DIALLO	5	DJIBOUTIAN PORT
39	ASHWIN. S	5	SEA GEO SURVEYS PVT LTD
40	IBTISSAM ALI DJAMA	5	DJIBOUTIAN PORT

27. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2016-17	Awareness Programme on Cyclone and Rip currents and their Mitigation measures	Mr. P. Mohamed Rajab Dr.K.Thiruvenkatasamy Prof.Dr.J.Rajaraman	20
2	2016-17	Awareness Programme on Ocean Pollution and its Mitigation measures	Mr. P. Mohamed Rajab Dr.K.Thiruvenkatasamy Prof.Dr.J.Rajaraman	30
3	2016-17	Awareness Programme on Rip currents and its Mitigation measures	Mr. P. Mohamed Rajab Dr.K.Thiruvenkatasamy Prof.Dr.J.Rajaraman	15

28. Placement details of the Department :

**BATCH: 6 (2013 - 2017)**

<b>SL.NO</b>	<b>STUDENTS NAME</b>	<b>PLACED COMPANY NAMES</b>
1	PRAGADEESWARAN. T	ZEBEC MARINE
2	RSIHABH DWIVEDI	ZEBEC MARINE



1. Name of the Department/School : **HND – Nautical Science**

2. Head of the Department : P.J. Samson/Theertham

3. Number of Faculty : Three

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	-	-	-	Three
2	Female	-	-	-	-

4. Number of Office staff :

Male	Female
-	One

5. Thrust areas : To comply with requirements  
of collaborative colleges

6. Names of Programmes / Courses offered (Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	Diploma	Higher National Diploma HND-Marine Engineering (COGC)	1993	1st Year AMET, 2 nd Year -COGC- UK
2	Higher Diploma	HND-Marine Engineering (STC)	2006	1st Year AMET, 2 nd Year -STC-UK



#### 7. Faculty Development Programme:

S. No.	Name of the FDP	Duration	Name of the faculty member
1.	National Conference on the Importance of Research Methodology in Doctoral Research	Date : 19th May 2017	P.J.Samson R.Theertham K.Babu
2.	NatinalPrograme on Technology Enhanced Learning (IIT Madras)	Date : 9th Sep 2014	R.Theertham
3.	Marine Weather Forecasting for Merchant Navy Officers	Date : 16th Nov 2016	P.J.Samson R.Theertham
4.	Mathematical Tools for Research	Date : 24th May 2017	R.Theertham



8. Faculty profile with name, qualification, designation and specialisation

S. No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1.	P.J.Samson	HOD	Metric	Cargo Work	15 years
2.	R.Theertham	Asst Professor	Metric	Navigational Maths & Science & Bridge watch Keeping	15 Years
3.	Mr.K.Babu	Sr.Lecturer	Metric	Seamanship Theory	13 Years

9. List of Senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Capt.ManiRajakumar	Master (FG)	Professor	Ship Stability Navigation Bridge watch Keeping	3 years

10. Publications: 1. Emergency Response & Communications – R.Theertham

2. Safe Handling of Cargo Work (Solid) Volume I - P.J.Samson

3. Safe Handling of Cargo Work (Liquid) Volume II – P.J.Samson

11. Number of papers published in Scopus Indexed Journals

- National - 2
- International - Nil

12. Paper Presentation in Conferences:

- National - Nil
- International - Nil

13. Present details of infrastructural facilities with regard to

a) Library - Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	195
2	Project Report	Nil
3	CDs Prepared by Staff members	Nil
4.	Manuals	Nil
5.	Journals (online)	Nil
6	Question Banks	Nil

1. Name of the Department/School : **Department of Marine Biotechnology**
2. Head of the Department : M. Jayaprakashvel
3. Number of Faculty : 3

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	3	-	-	-
2	Female	-	-	-	-

4. Number of Office staff :

Male	Female
2	-

5. Thrust areas : Diversity and distribution of marine organisms, Bioactive secondary metabolites from marine, Industrially important enzymes from marine organisms, Agroactive compounds from marine organisms, Bioremediation of environmental pollution using marine organisms, Bioprospecting of Marine extremophiles

6. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	M.Sc.	Marine Bitotechnology	2007	2 Years
2.	M.Phil	Marine Bitotechnology	2009	1 Year
3.	Ph.D	Marine Bitotechnology	2009	-
4.	B. Tech	Food Processing (Marine)	2016	4 years

7. Guest Lectures

S. No.	Topic	Name of the Guest, Designation and Company	Date
1.	Integrated Reseach in Maitime Studies	Dr. Balu Sea Researcher	1s3/04/2017
2.	Recent Tends in Food processing	Dr. S. Arun Babu Managing Diector Realage	18/02/2017

8. Conferences / Workshops / Seminar Conducted:

S. No.	Name of the Event	Concept/Theme	Date	Venue
1.	2nd National level workshop on techniques in bioactive metabolites from marine and other bioresources,		May 25 to 27, 2016	AMET University DNV-2 Hall
2.	2nd National level workshop on techniques in bioactive metabolites from marine and other bioresources,		May 25 to 27, 2016	AMET University DNV-2 Hall

9. Conferences / Workshops / Seminar attended:

S. No.	Name of the Event	Concept/Theme	Date	Venue	Name of the Faculty
1.	National Conference	Bioactive and pharmacological	30& 31 March 2017	Kalasalingam University	N. Sri Kumaran

		potentials of marine ascidians			
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10. Faculty Development Programme:

S. No.	Name of the FDP	Duration	Name of the faculty member
1.	TWO DAY FACULTY DEVELOPMENT PROGRAMME ON "HIGH IMPACT TEACHING SKILLS"	11th& 12th August 2016	M. Jayaprakashvel

11. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2017	Familiarization Training on Preparation of Fish Amino Acids from Fish Wastes	Dr. M. Jayapakashvel Dr. L. Benedict Bruno Dr. N. Srikumaran	18
2	2016	Sensitization of primary school students on the simple Mani Biology Experiments	Dr. M. Jayapakashvel Dr. N. Srikumaran	30
3.	2016	Awareness programme on Need for solid waste management in Coastal area	Dr. M. Jayapakashvel Dr. N. Srikumaran	30

12. Faculty profile with name, qualification, designation and specialisation

S.No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1	Dr. M. Jaya Prakashvel	Assistant Professor & Head i/c	M.Sc. Ph.D	Marine Bioprospecting	8year
2	Dr.N. Sri Kumaran	Assistant Professor	M.Sc. Ph.D	Marine pharmacology, Biotxin	3 year 6 month
3.	D. L. Benedict Buno	Assistant Professor	M.Sc. Ph.D	Marine biofuels, carbon sequestration	4 months



13. List of Senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1.	Prof. Dr. A. Jaffar Hussain	M.Sc., M.Phil., Ph.D.,	Professor Emeritus	Plant pathology	50
2.	Dr. Sagadevan	M.Sc. Ph.D	Factory Manager, Aachi Masala	Food processing, plant pathology	6

14. Research Scholars

- Full Time : 2
- Part Time :4

15. Number of Research projects with details

- a) Ongoing :1
- b) Approved :-
- c) Submitted :3

16. Research Scholars

- Full Time :2
- Part Time :4

17. Publications:

Number of papers published in Scopus Indexed Journals

- National - 2
- International - 8

18. Paper Presentation in Conferences:

- National - 3

- International – Nil

19. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

S. No.	Category	Name of the Faculty	Designation and Name of the committee
1	National Committee	Dr.M. Jayaprakashvel	Member, Board of Research Studies, AMET University
2	University committee	Dr.M. Jayaprakashvel	Co-ordinator, NAAC Steering Committee, AMET University
3	External Member	Dr.M. Jayaprakashvel	Member, Stake Holders Committee & Research Advisory Committee, Sree Sastha Institute of Engineering and Technology, Chennai
4	Internal Member	Dr.M. Jayaprakashvel	Member, Academic Council, AMET University
5	Internal Member	Dr.M. Jayaprakashvel	Member, Anti-ragging Committee, AMET University
6	DC Member	Dr.M. Jayaprakashvel	Department of Marine Sciences, Bharathidasan University
7	DC member	Dr.M. Jayaprakashvel	Department of Biotechnology, Bharath University
8	External Examiner	Dr.M. Jayaprakashvel	Department of Biotechnology, Karpagam University
9	External Examiner	Dr.M. Jayaprakashvel	Department of Biochemistry, Avinasilingam Deemed University

10	DC Member	Dr.M. Jayaprakashvel	Department of Marine Sciences, Bharathidasan University
11	Technical Editor/Reviewer	Dr.M. Jayaprakashvel	Current science-Indian academy of sciences
12	Technical Editor/Reviewer	Dr.M. Jayaprakashvel	Archives of Agronomy and Soil Science-Taylor and Francis
13	Technical Editor/Reviewer	Dr.M. Jayaprakashvel	Ecotoxicology and Environmental Safety-Elsevier
14	Technical Editor/Reviewer	Dr.M. Jayaprakashvel	Archives of Phytopathology and Plant Protection-Taylor and Francis
15	Technical Editor/Reviewer	Dr.M. Jayaprakashvel	Editor, Journal of Marine Bioscience
16	Board of studies	Dr.N. Srikumaran	Department of marine Biotechnology, AMET university
17	Board of studies	Dr.N. Srikumaran	Department of Food processing technology, AMET university
18	Editorial Board	Dr.N. Srikumaran	Member of Asian Council of Science Editor
19	Editorial Board	Dr.N. Srikumaran	Asian journal of bioscience
20	Editorial Board	Dr.N. Srikumaran	Asian journal of biotechnology
21	Editorial Board	Dr.N. Srikumaran	International journal of pharmacology
22	Editorial Board	Dr.N. Srikumaran	Pharmacologica
23	Board of studies	Dr. L.Benedict Buno	Department of Food processing technology, AMET university

20. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	137
2	Project Report	41
3	CDs Prepared by Staff members	71
4.	Manuals	31
5.	Journals (online)	21
6	Question Banks	09





b) Any other Facilities                      - **Aquaculture Facility:** The Department has established basic amenities for the culturing and research of important marine animals such as fishes, shrimps, snails, oysters etc.

**Micro algal Culture Facility:** The Department has set up essential facilities for the culturing and research on marine microalgae and marine phytoplanktons.

**Vermicomposting Facility for the management of organic solid wastes.**



21. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2017	Familiarization Training on Preparation of Fish Amino Acids from Fish Wastes	Dr. M. Jayapakashvel Dr. L. Benedict Bruno Dr. N. Srikumaran	18
2	2016	Sensitizaqtion of pimary school students on the simple Mani Biology Expeiments	Dr. M. Jayapakashvel Dr. N. Srikumaran	30
3.	2016	Awarness programme on Need fo solid waste management in Coastal area	Dr. M. Jayapakashvel Dr. N. Srikumaran	30

22. Placement details of the Department :

E.Gokulalakshmi-2014-2016 batch- Placed as RA in Balaji Dental College,  
Pallikaranai.s

1. Name of the Department/School : **Nautical Science**

2. Head of the Department : Capt.K. Karthik

3. Number of Faculty :

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	-	-	8	-
2	Female	-	-	-	-

4. Number of Office staff :

Male	Female
2	-

5. Thrust areas : Navigation

6. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	BSc	BSc Nautical Science	2002	3 Years

7. Guest Lectures

S. No.	Topic	Name of the Guest, Designation and Company	Date
1	Maritime Piracy Humanitarian Response Programme	Mr.ChiragBahri, Regional Manager,MPHRP	08/02/2017

8. Conferences / Workshops / Seminar Conducted:

S. No.	Name of the Event	Concept/Theme	Date	Venue
1	Navinautics2017	Sailors of Modern Era	22 <sup>nd</sup> & 23 <sup>rd</sup> Mar 2017	AMET University

9. Conferences / Workshops / Seminar attended:

S. No.	Name of the Event	Concept/Theme	Date	Venue	Name of the Faculty
1	2 <sup>nd</sup> Conference on Coastal Security	Coastal Security Group Tamil Nadu	20.4.17 & 21.4.17	DGP Office, Chennai	Cdr.V.Ramakrishnan

10. Faculty Development Programme:

S. No.	Name of the FDP	Duration	Name of the faculty member
1	High Impact Teaching Skills	2 days	Capt.K.Karthik
2	Marine Weather Forecasting for Merchant Navy Officers	1 day	Capt. Rajendran and Capt. Chandrasekar.







11. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2017	Training the fishermen community on ropework and seamanship skills	Capt.J.Manivannan	7
2	2017	EnnoreOilspill Cleanup Progamme	Capt.P.Rajendran	25
3	2017	Coastal Cleanup Programme		20
4	2017	Blood Donation Camp		

12. Achievements :

- Faculty:** Comprehensive study on quality of onboard training on 30<sup>th</sup> May 16 by IAMU.
- Students:** Cadet.Tamilmurasu won the HIMT scholarship award of Rs.20000/- & Cadets Deebhan selected to represent IAMU Student forum 2017.

13. Faculty profile with name, qualification, designation and specialisation

S.No	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1.	CAPT.K.KARTHIK	DEAN	BSC NS	MASTER (FG)	25 Yrs
2	CAPT.YESHWANTH RAJ	ADVISOR	BSC NS	MASTER (FG)	45 Yrs
3	CAPT.R.K.KUMAR	PROFESSOR	BSC NS	MASTER (FG)	44 Yrs

4	CAPT.P.RAJENDRAN	PROFESSOR	BSC NS	MASTER (FG)	22 Yrs
5	CAPT.J.MANIVANNA N	PROFESSOR	BSC NS	MASTER (FG)	23 Yrs
6	CAPT.SAMSON JOSEPH	PROFESSOR	BSC NS	MASTER(NCV)	25 Yrs
7	CAPT.V.CHANDRASE KHAR	PROFESSOR	BSC NS	MASTER FG	31 Yrs
8	CDR.V.RAMAKRISHN AN	PROFESSOR	BSC NS	MSc (NS), Cdr(IN)	27 Yrs

14. List of Senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	CAPT.T.SUDHAKAR	BSC NS	PROFESSOR	MASTER FG	43Yrs
2	CAPT.S.NATHAN	BSC NS	PROFESSOR	MASTER FG	37 Yrs
3	CAPT.T.I.PAUL	BSC NS	PROFESSOR	MASTER FG	31 Yrs
4	MR.ANTONY GOMEZ	BSC NS	LECTURER	MASTER FG	26 Yrs



15. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2017	Training the fishermen community on ropework and seamanship skills	Capt.J.Manivannan	7
2	2017	EnnoreOilspill Cleanup Progamme	Capt.P.Rajendran	25
3	2017	Coastal Cleanup Programme		20
4	2017	Blood Donation Camp		25

1.Name of the Department/School: **ELECTRICAL AND ELECTRONICS  
ENGINEERING(Marine)**

2.Head of the Department : Dr.Kalaiarasan

3.Number of Faculty : 20

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	02	06	2	04
2	Female	01	04	-	-

(b) Number of Lab instructors:06

S. No.	Faculty	Graduate	Others
1	Male	02	04
2	Female	Nil	Nil

4.Number of Office staff : 01

Male	Female
NIL	01

5.Thrust areas : VLSI,Robotics and Automation,Special Electrical  
Machines,Renewable Energy systems,Wireless communication and sensor network

6.Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	B.E	Electrical and Electronics Engineering(Marine)	2008	4 years

### 7. Guest Lectures:

S. No.	Topic	Name of the Guest, Designation and Company	Date
1	Embedded systems and IoT	Mr. Shabarimath Premalal Founder, Resprolabs, Chennai	08.04.2017
2	Basic Electronics, PLC, PCB Board, Soldering methods & Embedded systems	Mrs. Sheebha (Centre Head) & Ms. Jayashree (Trainer)	05.10.2016 & 06.10.2016

### 8. Conferences / Workshops / Seminar Conducted:

S. No.	Name of the Event	Concept/Theme	Date	Venue
1	Workshop	“Automation using PLC and SCADA	07.04.2017	F-27 Class room

### 9. Conferences / Workshops / Seminar attended:

S. No.	Name of the Event	Concept/Theme	Date	Venue	Name of the Faculty
1	Conference	A Novel Approach for Automatic oil spill detection from ship and intimation using ANN & WMM for the marine safety.	13 Apr-2017	Easwari Engineering College	Dr.S.V.Saravanan
2	Conference	An Improved Version of Se-Drip Model for Data Dissipation using Se-Small	3-4 February 2017	Anna university, Tin divanam	Dr.S.V.Saravanan
3	Conference	Design of SEA BALL for Maritime Security	2Apr2017	Jawahar Engg.College	Dr.S.V.Saravanan
4	Conference	Force Multiplier Effect of Futuristic Battlefield Preparedness by adapting the Internet of Things (IoT) Concept	24 Mar 2017	DRDO, Future Combat Technologies National Conference	G.Kannan

5	Conference	A Simplified Optimal THD Modulation Algorithm for Multi Level Inverter with Reduced Components	24,25 <sup>th</sup> Feb 2017	Pondicherry Engineering College, Pondicherry	V.Karthikeyan
6	Conference	Phase Disposition PWM Based Reduced Switch Reverse Voltage Multi Level Inverter	17,18 <sup>th</sup> Mar 2017	Jerusalem College of Engineering, Chennai.	V.Karthikeyan
7	Conference	Power Flow Analysis Using Modified Newton Raphson's Method for Rapid Convergence.	7 <sup>th</sup> , 8 <sup>th</sup> Mar 2017	Tagore Engineering College, Chennai	V.Karthikeyan
8	Conference	Analysis of DFIG based Wind farms for Reactive Power Compensation	7 <sup>th</sup> , 8 <sup>th</sup> March 2017	Tagore Engineering College, Chennai	S.Janarthanan
9	Conference	Power Flow Analysis Using Modified Newton Raphson's Method for Rapid Convergence.	7 <sup>th</sup> , 8 <sup>th</sup> Mar 2017	Tagore Engineering College, Chennai	C.Chennakesavan
10	Conference	Secured Data Transmission in Ships Using Light Fidelity	13/04/2017	Easwari Engineering College	A.Mubashira Anjum
11	Conference	Implementation of Light Fidelity in Marine Safety and Data Transmission System	31/03/2017	Vels University	A.Mubashira Anjum
12	Conference	Improving the performance of the Vehicles using Microcontroller	2017	Adhiparasakti Engineering College	R.Elavarasi
13	Workshop	Glimpses on effective Research and Proposal Writing	20.10.2016	St.Joseph Institute of Science & Technology	Mr.Sundar, Mr.Veerakumar, Mr.Karthikeyan and Mr.Dheepak
24	Training Program	Remote sensing & Its applications	19.09.2016	AMET University	Dr.S.V.Saravanan, R.Sundar, R.Elavarasi, P.Veerakumar, S.P

					riya&M.Dheepak
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10.Faculty Development Programme:

S. No.	Name of the FDP	Duration	Name of the faculty member
1	FDP on High impact Teaching skills	11.08.2016&12.08.2016	R.Sundar, P.Veerakumar&S.Priya







11.Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	18.05.2017	Awareness about Electrical safety for School Children	Dr.T.Sasilatha,Mr.C.Chennakesavan, Mr.M.Dheepak	40
2	05.04.2017	Power Saving using CFL and LED lamp awareness Program	Dr.A.Kalirasu,Mr.M.Dheepak	10
3	07.04.2017	Power Saving using CFL and LED lamp awareness Program	Dr.A.Kalirasu,Mr.M.Dheepak	9

## 12.Achievements :

### a. Faculty

S.No	Name of the faculty	Name of the Award
1	Mr.G.Kannan	Recipient of 'DRDO BEST INNOVATION AWARD' from Honorable Prime Minister of India Dr.Manmohansingh

### b. Students

#### **Results:**

- The II,IV,VI and VIII semester results of the EEE(Marine) students was announced on 10th February 2017. The overall pass percentage is 56.79 %.
- The following students are the Department toppers in various years.

#### **LIST OF TOPTHREE STUDENTS**

##### **EEEM- 9 (I Year)**

Rank Position	Name	GPA
1	VENKATESH.S	6.64
2	PUNNOOSE BENNY	6.51
3	GANESHBABU.K	6.32

##### **EEEM-8 (II Year)**

Rank Position	Name	GPA
1	JAYAKRISHNAN.K	7.5
2	SURYA KUMAR.A	7.48
3	OSWIN SANCHO.U	7.36

##### **EEEM-7 (III Year)**

Rank Position	Name	GPA
1	THOMSON PRADEEP	7.8
2	RANJITH KUMAR.M	7.76
3	NINAD KAMALAKAR RAGJI	7.35

**EEEM-6 (IV Year)**

Rank Position	Name	GPA
1	SATHISHKUMAR.B	8.54
2	GOKULNATH.A	8.37
3	TAMADA SANTHOSH KUMAR DHANANJAYUDU	8.33

- The following students have secured University ranks and received cash award and merit certificate in the examinations held during April/May 2016. The Vice Chancellor, The Principal and the members of staff congratulate the students for their achievement.

Year of passing final examination	Batch No	Reg. Number	Name of the rank holder	CGPA	Rank position
2016	EEEM-5	AEE12603	LANCASTER CECIL D SOUZA	9.29	I
2016	EEEM-5	AEE12605	NAVEEN.N	8.56	II
2016	EEEM-5	AEE12604	MOHAMED FALIH	8.10	III

**PARTICIPATION IN WORKSHOP /CONFERENCE FOR THE ACADEMIC YEAR 2016-2017**

The department of EEEM students are participated in various activities. The details are given below

- DiogoAmanuelantonio of B.E (EEEM-6) batch has participated in the workshop on Engine design ana assembly conducted by robosejugous and spring fest '16, IIT ,KHARAGPUR, at AMET University from 8<sup>th</sup> to 10<sup>th</sup> Sep 2015.
- Gokulnath.A of B.E (EEEM-6) batch has presented a paper Implementation of Light Fidelity , National conference on recent trends in shipbuilding & oil and gas industries, 31<sup>st</sup> March 2017
- Gokulnath.A of B.E (EEEM-6) batch has presented a paper Secured Data Transmission in Ships Using Light Fidelity , 6<sup>th</sup> National conference on Technological Advancements in Power Systems and Power Electronics Engineering , 13<sup>th</sup> April 2017

**SPORTS ACHIEVEMENTS DETAILSFOR THE ACADEMIC YEAR 2016-2017**

The department of EEEM students are participated in various sport and games event. The details are given below

- DiogoAmanuelantonio of B.E (EEEM-6) batch has achieved second place in state level inter engg college tournament, Football competition at chennai from 22<sup>nd</sup> to 23<sup>rd</sup>Feb 2017.
- Dhewakarsourabh of B.E (EEEM-6) batch has achieved third place in Body building ,3<sup>rd</sup> national level maritime institution tournament, at chennai from 24<sup>th</sup> to 25<sup>th</sup>march 2017.

### 13.Faculty profile with name, qualification, designation and specialisation

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>specialization</b>	<b>No.of years of Experience (ToTAL)</b>
Dr.T.Sasilatha	M.E.,Ph.D.,	Dean &Professr	VLSI	22
Dr.A.Kalirasu	M.E.,Ph.D.,	Professor & Head	Power Electronics	16
Mr.G.Kannan	M.Tech	Asso. Prof.	Power system Engineering	38
Dr.S.V.Saravanan	Ph.D	Asst.Prof	Wireless communication	9
R.Sundar	M.E.,(Ph.D)	Asst. Prof	Marine Automation	13
Mr.Chennakesavan	M.E	Asst. Prof	Power Systems Engineering	30
Ms.S.Priya	M.E	Asst. Prof	High Voltage Engineering	7 Yrs& 11 Mon
P.Veerakumar	M.E	Asst. Prof	Power systems Enegineering	9
M.Dheepak	M.TECH	Asst. Prof	VLSI DESIGN	11.3
A.K.Anandkumar	M.E., MBA	Asst. Prof	(Electronic & Instrumentation	4.6
A.Mubashira Anjum	M.E	Asst. Prof	Electronics & Control Engineering	3.4
P.Nalandha	M.E	Asst.	Power	3

		Prof	Electronics & Drives)	
R.Elavarasi	M.E, (Ph.D)	Asst. Prof	Applied Electronics	16
N.Rajalakshmi	M.E, (Ph.D)	Asst. Prof	Power Systems	3.6
G.Kannan	M.E, (Ph.D)	Asst. Prof	Power Systems	9.8 Yrs
S.Janarthanan	M.Tech,(Ph.D)	Asst. Prof	Electrical Drives and Control	7 years
V.Karthikeyan	M.E., (Ph.D)	Asst. Prof.	Power Electronics & Drives	15.5 Yrs
T .Dhanya	M TECH	Asst. Prof.	Industrial Automation and Robotics	2Yrs

#### 14.Research Scholars

- Full Time : 02

S.No	Name of the scholar	Proposed Area	Status	Supervisor
1	Ms.M.D.Dafnylydia	Cyclone detection using wireless sensor network	Course work	Dr.S.V.Saravanan
2	Mr.K.Kugan	Renewable energy wireless power transmission	Course work	Dr.S.V.Saravanan

- Part Time : 08

S.No	Name of the scholar	Proposed Area
1	Mr.R.Sundar	Higher Level interface development CAN Bus protocol for Real time Operating systems on Marine Automation
2	Ms. R. Elavarasi	Special Electrical Machines in Marine Applications
3	Mr. S.Janarthanan	Analysis of fault ride through capability of DFIG based wind turbine.
4	Mr.V.Karthikeyan	Investigations on multilevel inverter for renewable energy systems
5	Mr.M.Dheepak	A novel wave glider design for environmental monitoring and security using wireless network

6	Ms.T.Dhanya	Registered
7	Mr.P.Veerakumar	Registered
8	Ms.MubashiraAnjum	Registered



#### 15.Number of Research projects with details

- a) Ongoing : -  
b) Approved : -  
c) Submitted : 05

S.No	Name of the Faculty	Name of the Funding Agency	Title of the Project	Date of Submission	Present Status ( If sanctioned date of sanction and Amount)
1	Principal Investigator: Dr.S.V.Saravanan Co principal investigator:Mr. M.Dheepak	Naval Research Board,Defence Research & Development Organization (DRDO) Bhawan, Rajaji Marg, New Delhi – 110011	Design Of Sea Ball For Maritime Security Sonar and Signal Behaviour Panel	July 2016	Submitted & given presentation on 01.12.2016
2	Principal Investigator	DST,Materials for Energy Storage	A novel Energy saving system	April 2017	Submitted

	:Dr.T.Sasilatha Co principal investigators: Dr.S.V.Saravanan Mr.R.Sundar, Mr.V.Karthikayan		using Nano Perovskite Solar PV cells		
3	Principal Investigator: G.Kannan	Indira Gandhi Centre for Atomic Research (IGCAR)/Atomic Energy Research Board (AERB)	Quantification of Rebar Corrosion in Concrete Structures through Advanced NDE techniques of Lock-in-thermography	March 2015	Modified version is to be submitted with experimental results of Radiometry for advanced NDE techniques
4	Principal Investigator: G.Kannan	Naval Research Board, New Delhi	“Robotic Ultrasonic NDE Based In-Service Inspection Technique with special emphasis for high temperature conditions in Fast Breeder Reactors	Jan 2016	Modified version is to be submitted with the association of a DRDO establishment
5	Principal Investigator: G.Kannan	Department of Science & technology, New Delhi	“Internet of Things (IoT) Research – Underwater Sensor Data Acquisition and Interpretation	Jan 2017	Under Process

#### 16.Publications:

Number of papers published in Scopus Indexed Journals

- National – NIL

- International

-19

- Published :08

- Accepted :11

Si. No	Name Of The Faculty	Name Of The Article	Names Of Authors	Name Of The Journal	Year	Volume And Issue No	Page Nos. (From - To)	ISSN No.	Impact Factor
1	Dr. T. Sasilatha	Design of Advanced Vedic Multiplier using ripple carry Adders	Dr. T. Sasilatha	International Journal of Mechanical Engineering and Technology.	Submitted on 2017				
2	Dr. T. Sasilatha	Sinkhole Attack Detection in WSN using Fast Randomized Algorithm	Dr. T. Sasilatha	International Journal of Control Theory and Applications	Submitted on 2017				
3	Dr. T. Sasilatha	Performance Analysis of Low Power FIR filters using Modified CSA in Biomedical Applications	Dr. T. Sasilatha	International journal of pharmacy and Technology	Submitted on 2017				
4	Dr. T. Sasilatha	Progressive Parallel ICI cancellation scheme and BER Performance Analysis for MIMO-OFDM System	Dr. T. Sasilatha	International journal of pharmacy and Technology	Submitted on 2017				



5	Dr. T. Sasilatha	Investigations on Hybrid model cryptographic Algorithms for Wireless Sensor Networks	Dr. T. Sasilatha	APRN journal of Engineering and applied sciences	Submitted on 2017				
6	Dr. T. Sasilatha	Malicious node detection system using Hash chain approach in IOT based sensor networks		APRN Journal of Engineering and Applied sciences	Submitted on 2017				
7	Mr.G. Kannan	Concept on Internet of Things (IoT) sensorsbased Non-Destructive Evaluation Technique (NDE)		International Journal of Engineering Technology (IJET)	Submitted on Jan 2017				
8	Dr.S.V.Saravanan	Improving The Performance Of Antenna Using Substrate Integrated Waveguide Coupler		Indian Journal Of Science And Technology	2016	Vol 9(47)	1-4		1.002
9	Dr.S.V.Saravanan	Power quality refining using thyristor controlled series capacitor–	Dr.S.V.Saravanan&Dr. C.Sharmeela	SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE) ISSN 2348-8379	Mar 2017	Vol 4, Issue No:3		ISSN 2348-8379	

10	Mr.P.Veera kumar	PLC Based automatic control for onboard ship gangway conveyor system	Mr.P.Veera kumar&Dr. S.V.Saravanan	International journal of mechanical engineering and technology	Mar-17	Vol 8, Issue No:3		ISSN: 0976-6359	
11	Mrs.S.Priya	Analysis and computation of electromagnetic fields	Dr.S.V.Saravanan	International journal of emerging trends in engineering and development (IJETED) Indexed in Elsevier	May 2017	Issue 7, Vol. 3		ISSN 2249-6149	
12	Mrs.R.Elav arasi	Enhancement of fuel consumption and efficiency of the vehicles	Mr.P.KSent hilKumar	International journal of mechanical engineering and Technology	April 2017	Volume 8, Issue 4,	pp. 456–460	ISSN: 0976-6359	
13	Mrs.R.Elav arasi	Smart car parking	Mr.P.KSent hilKumar	Indian journal of science and technology	March 2017	vol 10(9)		ISSN: 0974-5645	
14	Mr.Dheepak	A novel approach for design and monitor the raw material handling system in a steel plant	Mr.Dheepak &Dr.S.V.Saravanan	International Journal of civil engg and technology (IJCIET)	May2017	Issue 4 Vol. 8		ISSN: 0976-6316	

15	Mr.S.Janar thanan	Linear Modelling of Switched Reluctance Motor based on MATLAB/SI MULINK and SRDAS Environment	Mr.S.Janar thanan&V. Karthikeyan	International journal of mechanical engineering	May2017	Volume 8, Issue 5		ISSN: 0976-6359	
16	Mr.R.Sundar	Implementation of ETHERNET based monitoring and controlling systems	Dr.A.Kalirasu	International Journal of Computer Technology and Applications	Accepted			ISSN: 2229-6093	
17	Dhanya.T	Integration of Solar Power System on VLCC and its Synchronization with Main Bus bar on board ship		International Energy Journal	Submitted				
18	P.Veerakumar	Integration of Solar Power System on VLCC and its Synchronization with Main Bus bar on board ship	P.Veerakumar&Dr.S.V. Saravanan	International Energy Journal	Submitted				
19	V.Karthikeyan	A Simplified Optimal THD Modulation Algorithm for Multi Level Inverter with Reduced Components		International Journal of Power Electronics	Submitted				

### 17. Paper Presentation in Conferences:

- National – 02
- International – 13

S.No	Name of the Faculty	University / Colleges	Title	Date
1	Dr.S.V.Saravanan	Easwari Engineering College	A Novel Approach for Automatic oil spill detection from ship and intimation using ANN & WMM for the marine safety.	13 Apr-2017
2	Dr.S.V.Saravanan	Anna university,Tindivanam	IEEE-An Improved Version of Se-Drip Model for Data Dissipation using Se-Small	3-4 February 2017
3	Dr.S.V.Saravanan	Jawahar Engg.College	Design of SEA BALL for Maritime Security	2Apr2017
4	G.Kannan	DRDO, Future Combat Technologies National Conference	Force Multiplier Effect of Futuristic Battlefield Preparedness by adapting the Internet of Things (IoT) Concept	24 Mar 2017
5	V.Karthikeyan	Pondicherry Engineering College, Pondicherry.	A Simplified Optimal THD Modulation Algorithm for Multi Level Inverter with Reduced Components	24,25 <sup>th</sup> Feb 2017
6	V.Karthikeyan	Jerusalem College of Engineering, Chennai.	Phase Disposition PWM Based Reduced Switch Reverse Voltage Multi Level Inverter	17,18 <sup>th</sup> Mar 2017
7	V.Karthikeyan	Tagore Engineering College, Chennai.	Power Flow Analysis Using Modified Newton Raphson's Method for Rapid Convergence.	7 <sup>th</sup> , 8 <sup>th</sup> Mar 2017
8	S.Janarthanan	Tagore Engineering College, Chennai	Analysis of DFIG based Wind farms for Reactive	7 <sup>th</sup> , 8 <sup>th</sup> March 2017

			Power Compensation	
9	C.Chennakesavan	Tagore Engineering College, Chennai.	Power Flow Analysis Using Modified Newton Raphson's Method for Rapid Convergence.	7 <sup>th</sup> , 8 <sup>th</sup> Mar 2017
10	A.Mubashira Anjum	Easwari Engineering College	Secured Data Transmission in Ships Using Light Fidelity	13/04/2017
11	A.Mubashira Anjum	Vels University	Implementation of Light Fidelity in Marine Safety and Data Transmission System	31/03/2017
12	R.Elavarasi	Adhiparasakthi Engineering College	Improving the performance of the Vehicles using Microcontroller	2017
13	M.Dheepak	Jawahar College of Engineering, Chennai	Design of Sea Ball for Maritime Security	02.04.2017
14	Dhanya T	Tagore Engineering College, Chennai	Bi directional control of three phase induction motor used in industries to drive conveyor belt	7 <sup>th</sup> , 8 <sup>th</sup> Mar 2017

18.Detailsof patents if any:

S. No.	Patent Details	Name of Faculty
1	Band gap smoothening of PV String using controlled simulation of electrons by intermittent electrostatic generation	Dr.Padma Subramanian, Jeby Thomas Jacob and M.Dheepak

19.Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any

other (please specify)

S. No.	Category	Name of the Faculty	Designation and Name of the committee
1	Doctoral committee	Dr.T.Sasilatha Anna University, Saveetha university and Sathyabama University- Doctoral committee	Doctoral committee member
2	Reviewer	Dr.A.Kalirasu	Professor /Reviewing Committee
3	Reviewer	S.Janarthanan	IJETAE -Editorial Board/Reviewer

20.Awards / recognitions received at the national and international level by

a) Faculty

Name of the Staff	Recognition/award Details	Awarding authority	Year of Award
Mr.G.Kannan	Recipient of 'DRDO BEST INNOVATION AWARD' from Honorable Prime Minister of India Dr.Manmohansingh	DRDO	2010

Students -

Name of the Student	Recognition/award Details	Awarding authority	Year of Award
Dhewakarsourabh	Third prize in Body building ,3 <sup>rd</sup> national level maritime institution tournament, at chennai from 24 <sup>th</sup> to 25th march 2017.	National level maritime institution tournament, chennai	2017

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21. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	400
2	Project Report	59
3	CDs Prepared by Staff members	10
4.	Manuals	6
5.	Journals (online)	1
6	Question Banks	44

b) Any other Facilities -

1) Internet facilities for staff and students :Wi-fi enabled campus

2) Total number of class rooms :4

3) Class rooms with ICT facility :1

1. Name of the Department/School : **HND -MARINE ENGINEERING**

2. Head of the Department : S.RENGARAJU

3. Number of Faculty : 2

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	-	-	2	-
2	Female	-	-	-	-

Number of Office staff : 1

Male	Female
1	-

4. Thrust areas : **To comply with requirements of collaborative colleges.**

5. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	Diploma	Higher National Diploma HND-Marine Engineering (COGC)	1993	1st Year AMET, 2 nd Year – COGC-UK
2		HND-Marine Engineering (STC)	2006	1st Year AMET, 2 nd Year –STC- UK

6. Guest Lectures:

S. No.	Topic	Name of the Guest, Designation and Company	Date
1.	Engineering Day Celebration	Mr.AnandRamamurthy,Group Product Line Manager, Welll Construction, Weatherford Oil tools, India.	28-09-2016





7. Conferences / Workshops / Seminar attended: 2

S. No.	Name of the Event	Concept/Theme	Date	Venue	Name of the Faculty
1.	Technical Presentations by Koushik Mandal, Vice President, head and Sales & Marketing, NELCO. Brajendra Urmali a, Head Product & Presales, NELCO	Session on Reliable Remote Data connectivity Services Through VSATs	20-04-2017	Auditorium, Hotel Accord Metropolitan, G.N.Chetty Road, Chennai-17.	S.RENGARAJU
2.	All India Seminar -The Institution of Engineers(India), Tamil Nadu State Centre	"Renewable Energy-Present Scenario"	3rd & 4th March 2017	The Institution of Engineers(India), Tamil Nadu State Centre Auditorium	S.RENGARAJU

8. Faculty Development Programme :

S. No.	Name of the FDP	Duration	Name of the faculty member
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1	Modern Tools for Research Publications and publication Metrics	1 hour (9-1-2017)	S.Rengaraju
2	Teaching Methodology	2 hours(25-11-2016)	S.Rengarju

9. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2016-2017	Technical Guest Lecture- "Offshore Renewable Energy-Focus on Wave Energy"	S.RENGARAJU, KG.RAVIKUMAR	GME Students-47 and HND-ME Students-4

10. Achievements :

- Faculty - Mr. S.RENGARAJU Recived "EMINENT ENGINEER" award .
- Students - Students Union President for the Year 2016 at STC, ThivyanSermugam.

11. Faculty profile with name, qualification, designation and specialisation

S. No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1	S.RENGARAJU	Prof & HOD	B.E(Mech), Class 1 Marine Engineer Officer	Marine Engineering	27 Years Sailing, 3 Years Industry, 9 Years 10 Months Teaching
2	A.PRABHAKARAN	Asst.Prof	B.Sc., DMIT	Machine Design	33 Years Industry, 4 Years Training in Design, 6 Years Teaching

12. List of Senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
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1	G.KANAGASABAPATHY	M.Sc., M.Phil.,	Professor	Mathematics	44 Years Teaching
2	Kevin Lund	Class 1 Marine Engineer Officer	Head of School HE(Marine)STC,,UK	Marine Engineering	30 Years
3	Mathew Stewart	Royal Navy	Curriculum Head	Marine Engineering	12 Years

13. Paper Presentation in Conferences:

- National – 2
- International – Nil

14. Awards / recognitions received at the national and international level by

a) Faculty -

Name of the Staff	Recognition/award Details	Awarding authority	Year of Award
S.RENGARAJU	EMINENT ENGINEER	The Institution of Engineers(India), Tamil Nadu State Centre	2016-2017

15. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	231
2	Project Report	-
3	CDs Prepared by Staff members	-
4.	Manuals	-
5.	Journals (online)	-
6	Question Banks	-

- b) Laboratory Equipments - **Nil**  
 c) Any other Facilities - **Nil**

16. List the distinguished alumni of the department

S. No.	Name of Alumni	Batch	Place of Work
1	Mr. NAKUL MALHOTRA	1st Batch	Regional Director, Whilhelmson Shipping
2	Mr. PIYUSH JAIN	1st Batch	Sailing chief Engineer

17. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2016-2017	Engineers Day Celebrations	HND-ME Department Facultys,Petroleum Engineering Department facultys and Principal, Chief Guest.	Petroleum Engineering Student and HND-ME Students 150

1. Name of the Department/School : **Information Technology**

2. Head of the Department : Ms.Shanthi

3. Number of Faculty :

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	-	1	-	-
2	Female	1	3	-	-

4. Number of Office staff : 1

Male	Female
-	1

5. Thrust areas : Adhoc Networks, Datamining, Network Security, Artificial Intelligence, Vehicular Networking, Internet of Things

6. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	Research	Ph.D	2007	-

7. Conferences / Workshops / Seminar Conducted:

S. No.	Name of the Event	Concept/Theme	Date	Venue
1.	High Impact Teaching Skill	Teaching Methodology	11-12, Aug,2016	AMET University
2.	Cyber forensic and information security	Workshop	06.02.2014 to 7.02.2014	AMET University
3.	Wheebox Skill Test	Seminar	15.7.15	AMET University



8. Conferences / Workshops / Seminar attended:

S. No.	Name of the Event	Date	Venue	Name of the Faculty
1.	International Conference on Knowledge Discovery and computational Intelligence	9,10 March 2017	Vels University	Shanthi HJ
2.	International Symposium on Big Data and Cloud	10,11 March 2016	VIT	Shanthi HJ
3.	ENCORE '15	2015	AMET Business School	Shanthi HJ
4.	Big Data Analysis in cloud Environment	3,4 Sep 2014	Agni College of Engineering	Shanthi HJ
5.	3rd National conf. on Computing and Communication	2014	Agni college of technology	Shanthi HJ Ms. Vennila G

	Engineering			
6.	International conference on Knowledge based computing technologies	2017	KCG college of Technology	Raghavi K

9. Faculty Development Programme:

S. No.	Name of the FDP	Duration	Name of the faculty member
1.	Training for trainers and assessors(TOTA)	21/4/2014 to 3/5/2014	Vennila G
2.	Training for trainers and assessors(TOTA)	18/5/2015 to 30/5/2015	Raghavi K
3.	Information and Cyber Security	6/7/02/2014	Shanthi HJ, Vennila G
4.	NPTEL Workshop	9/9/2014	Shanthi HJ, Vennila G
5.	Big data Analysis	3, 4 /03/2014	Mrs.Shanthi H.J
6.	NPTEL	6 <sup>th</sup> May 2015	Dr. V. Balamurugan
7.	Big Data Analytics	24 Apr 2015	Dr. V. Balamurugan

10. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1.	2014	Internet Awareness Program for School students of Govt Hr. Sec. School, Kanathur	Ms. Shanthi Ms. Helen	30
2.	2015	Computer Literarcy Programme	Ms. Shanthi HJ, Ms. K. Raghavi	50

3.	2017	Summer Camp for Rural School Students	Ms. Shanthi	50
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11. Faculty profile with name, qualification, designation and specialisation

S. No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1.	Ms. K. Komathy	Prof & Head	B.E., M.S(by Research), Ph.D	Networks and Network Security	30 Years
2.	Ms.Shanthi H.J	Asst Prof	M.C.A, M.Phil, (Ph.D)	Wireless networks	14
3.	Ms. G. Vennila	Asst Prof	M.Tech, (Ph.D)	Wireless networks	8
4.	Ms. K. Raghavi	Asst Prof	M.E	Datamining	2



5.	Mr. E. Subramanian	Asst Prof	M.E	Datamining	7
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12. Consultancy projects:

S. No.	Ongoing	Appoved	Submitted	Consultancy details
1.	NIL	NIL	2	AMET

13. Research Scholars

- Full Time : NIL
- Part Time : 48

14. Publications:

Number of papers published in Scopus Indexed Journals

- National - 1
- International - 20

15. Paper Presentation in Conferences:

- National - 3
- International - 3

16. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

S. No.	Category	Name of the Faculty	Designation and Name of the comittee
1.	Editor Board/ Reviewer	Dr. K. Komathy	Technical Review Commitee member in International Journals and Conferences
2.	Professional Society	Dr Komathy K	Management Committee member in CSI Chennai

			Chapter 2014-2017
3.	Board of Studies	Dr Komathy K	BOS Board member for Dr Ambedkar Institute of Technology, Bangaluru
4.	Reviewer	Shanthi HJ	Reviewer

17. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	520 books
2	Project Report	NIL
3	CDs Prepared by Staff members	50 CDs
4.	Manuals	6
5.	Journals (online)	NIL
6	Question Banks	2

b) Any other Facilities -

Internet facilities for staff and students

- i) TATA leased line : 100 Mbps
- ii) Bsnl leased line : 100 Mbps
- iii) Tata Docomo leased line : 100 Mbps ( for students wifi connection)



1. Name of the Department/School : **Prof.V.B.S.RAJAN LIBRARY**
2. Head of the Department : Mr.Sekar
3. Number of Faculty : 2

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	1	1	-	-
2	Female	-	-	-	-

4. Number of Office staff :

Male	Female
2	4

5. Thrust areas : 21000 sq ft

6. Conferences / Workshops / Seminar Conducted: List attached

S. No.	Name of the Event	Concept/Theme	Date	Venue
1	Library Orientation Programme	How to Access in the Library books and Services	16.08.2016	Class room

7. Conferences / Workshops / Seminar attended: **55 List enclosed**

8. Achievements :

- a) To introduce online Reservation and Renewal books by all users.
- b) "Mobile information alert"
  - i) Books over due
  - ii) New books arrival
  - iii) Due date alert



9. Faculty profile with name, qualification, designation and specialisation

S. No.	Name	Designation	Qualification	Speciali zation	No. of years of Experience (Total)
1	Mr.K.Sekar	Librarian i/c	M.Com, MLIS, M.Phil, (Ph.D)	ICT	16
2	Dr.M.Nagarajan	Asst - Librarian	B.Sc, MLIS, M.Phil, Ph.D	ICT	7

10. Publications:

Number of papers published in Scopus Indexed Journals

- National - -
- International - 9

11. Paper Presentation in Conferences:

- National - 4
- International - -



12. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	<b>68069</b>
2	Project Report	1762
3	CDs Prepared by Staff members	25
4.	Manuals	471
5.	Journals (online)	15073
6	Question Banks	150



13. Any other information deemed fit : attached

The library has implemented the following new facilities to the users.

- WEB-OPAC
- Mobile –OPAC
- SMS alert service
- Online book reservation.
- Self learning tutorial CDs
- Wi-Fi Connectivity.
- CCTV coverage
- 1000 Numbers e-journal article

Digital conference alert service – facilitating National, International - conferences, seminars, workshops through e-communication to the faculties and research scholars.

E-Reference Services through E-Mail. The resource centre helps the Faculty members, Research Scholars, Cadets and Students those requiring recent publications references or any specific Book references, international conference details etc. If the references are not available in AMET Library, the resource centre outsources the required data.

1. Name of the Department/School : **Mathematics**

2. Head of the Department : Dr.ShenbagaEzhil (IC)

3. Number of Faculty :

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	1	3	3	
2	Female	1	3	3	B.Ed-2

4. Number of Office staff :

Male	Female
-	-

5. Thrust areas : 1.Dr.Shenbaga Ezhil - operations research  
2.P.Palanysamy - Fluid dynamics  
3.M.Mehertaj - Fuzzy petrinets  
4.G.JenithaFuzzy cognitive map  
5.C.Periyasamy - Stochastic inventory model  
6.I.Paulraj - Graph theory

6. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1.	Research	Ph.D	2013	3 years

7. Conferences / Workshops / Seminar Conducted:

S. No.	Name of the Event	Concept/Theme	Date	Venue
1.	National Seminar	Mathematical Tools for Research	24.05.2017	AMET



8. Conferences / Workshops / Seminar attended:

S. No.	Name of the Event	Concept/Theme	Date	Venue	Name of the Faculty
1.	National Seminar	Mathematical Tools for Research	24.05.2017	AMET	1.Dr.ShenbagaEzhil 2.P.Palanysamy 3.M.Mehertaj 4.G.Jenitha 5.C.Periyasamy 6.I.Paulraj

9. Faculty Development Programme:

S. No.	Name of the FDP	Duration	Name of the faculty member
1.	A two day Faculty Rejuvenation programme on high Impact teaching skills	2016	M.Mehertaj

10. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1.	2017	Vedhic Mathematics	1. Dr.ShenbagaEzhil 2. G.Jenitha	50
2.	2017	How to understand Mathematics easily	1.Dr.Ebenezer 2.Dr.C.Periyasamy 3.I.Paulraj	87



11. Faculty profile with name, qualification, designation and specialisation

S.No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1.	Dr.ShenbagaEzhil	H.O.D(IC)	B.Ed ,Ph.d	operations research	10.2
2.	P.Palanysamy	Associate professor	M.Phil, Ph.d(doing )	Fluid dynamics	42
3.	M.Mehertaj	Assistant professor	M.Phil, Ph.d(doing )	Fluid dynamics	12.6
4.	G.Jenitha	Assistant professor	M.Phil,B.EdPh.d(doing )	Fuzzy cognitive map	5.8

5.	C.Periyasamy	Assistant professor	Ph.d	Stochastic inventory model	3.5
6.	I.Paulraj	Assistant professor	M.Phil, Ph.d(doing )	Graph	6.5

## 12. Research Scholars

- Full Time : -
- Part Time : 3

1. Name of the Department/School : **AMET BUSINESS SCHOOL**

2. Head of the Department : DR.S.RAMACHANDRAN

3. Number of Faculty :

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	6	1	-	-
2	Female	3	1	-	-

4. Number of Office staff :

Male	Female
1	0

5. Thrust areas : **SHIPPING & LOGISTICS MANAGEMENT**

6. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	Doctoral	Ph.D – Management	2007	<ul style="list-style-type: none"><li>• FT-2 years with M.Phil</li><li>• FT-3 years without M.Phil</li><li>• PT-3 years with M.Phil</li><li>• PT-4 years without M.Phil</li></ul>
2	Post-Graduate	MBA in Shipping & Logistics Management	2007	2 years
3	Post-Graduate	MBA in Shipping Finance	2007	2 years
4	Post-Graduate	MBA in Marine Human Resource Management	2007	2 years
5	Post-Graduate	MBA in Oil & Gas Management	2007	2 years
6	Post-Graduate	MBA in Multimodal Transportat on& Supply Chain Management	2007	2 years

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
7	Under-Graduate	BBA in Shipping	2008	3 years
8	Under-Graduate	B.Com in Computer Applications & Logistics	2016	3 years
9	PG Diploma	PGD in Logistics & Supply Chain Management	2017	1 year

FT-Full Time, PT-Part-Time

## 7. Guest Lectures

Expert Name	Affiliation	Title	Date	No of participants
Mr. Johnson.T, Regional Head-Sales	NTC Logistics, Chennai	Career Guidance	01-08-2016	84
Mr.Rajeev Saxena, General Manager-HR	Mitsui O.S.K. Line (MOL), Chennai	Employability Skills	25-07-2016	76

## 8. Conferences / Workshops / Seminar Conducted:

Expert Name	Affiliation	Title	Date	No of participants
Mr.Joseph Anand, Head Operations	Chrystal Crown Training Organisation	Soft skills and Time Management	09-09-2016	66
Mr. Bart De Groof, Consul General of Belgium	Belgium Consulate, Chennai	Global Career Opportunities	07-09-2016	52
Capt.AjayAchuthan, Chief Advisor	International Maritime Federation, London	Innovations in the Shipping Industry	18-08-2016	68
Mr.M.Jagannath, Director	NAU Pte Ltd, Singapore	Trends of Shipping Industry in India and Singapore	08-08-2016	72
Mr.S.Krishnan, Vice President	Institute of Chartered Shipbrokers, Middle East, Dubai	Corporate Adaptability and Employability skills	20-07-2016	58



9. Conferences / Workshops / Seminar attended:

S. No.	Name of the Event	Concept/Theme	Date	Venue	Name of the Faculty
1	NAAC sponsored Seminar	Entrepreneurship	2-3-17	D.B.Jain College	Dr.R.Srinivasan
	NAAC sponsored Seminar	Entrepreneurship	2-3-17	D.B.Jain College	Dr.J.Rengamani

10. Faculty Development Programme:

S. No.	Name of the FDP	Duration	Name of the faculty member
1	Work Life Integration	December 15-16, 2016	Dr.A.Shameem
2	Structural Equation Modelling	Jan 22-23, 2017	Dr.J.Rengamani

11. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2016-17	Accounting for Shop Keepers of Kanathur	Dr.M.Bina Celine Dorathy	32
2	2016-17	GST	Dr.A.Shameem	26

12. Faculty profile with name, qualification, designation and specialisation

S.No	Name	Designation	Qualification	Area of specialization	Publications
1	Dr.S.Ramachandran	Rector	MBA, MFT, PhD (Mgmt)	Marketing & HRM	60
2	Dr.A.Shameem	Professor	B.Com, MBA, PhD (Mgmt)	Finance & HRM	40
3	Dr.J.Rengamani	Associate Professor	MSc, MBA, MPhil, MBA (IB), MICS (UK), SET (Mgmt), MA (PMIR), BGL, PhD (Mgmt)	Shipping, Marketing & HRM	33
4	Dr.R.Srinivasan	Assistant Professor	B.Com, MBA, MA (HRM), M.Phil, SET, Ph.D (Mgmt)	Finance, HR and Marketing	9
5	Dr.D.Rajasekar	Associate Professor	M.Com, MBA, M.Phil, LLB, ML, NET, SET, B.Ed, MA (PMIR), Ph.D (Com), Ph.D(Law) pursing	Finance, Law & Marketing	141
6	Dr.M.Bina Celine Dorathy	Associate Professor	M.Com, MBA, Ph.D	Finance, International Trade & Logistics	32
7	Dr.S.Poongavanam	Assistant Professor	M.Com, MBA, M.Phil, NET, SET, Ph.D (Comm)	Finance & HRM	90
8	Dr.B.Charith	Associate Professor	BCA, MBA, Ph.D (Mgmt)	Marketing & HRM	36
9	Mr.S.Arun Kumar	Assistant Professor	B.Com, MBA, Ph.D (pursuing)	Quantitative Methods & Marketing	05
10	Ms.D.DivyaRanjani	Assistant Professor	BE (ECE), MBA, Ph.D (pursuing)	Quantitative Methods & Computers	10
11	Ms.Annie Sam	Assistant Professor	MBA, M.Phil, Ph.D (pursuing)	Organisational Behaviour & HRM	11



13. List of Senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Prof.Manivel	BE, MBA	Adjunct Faculty	Port Management	35
2	Prof.Benny John	MBA, ML	Adjunct Faculty	Maritime Law	28
3	Prof.Ben Christopher	B.Sc, MBA	Adjunct Faculty	Port Agency	25
4	Prof.Venkatraman	B.Com, MBA	Visiting Faculty	Logistics Management	30
5	Prof.Danasagaran	BSc, BL, ML	Visiting Faculty	Maritime Law & Insurance	38
6	Prof.Prem Kumar	MBA	Visiting Faculty	Shipping Business	32



14. Research Scholars (Faculty)

- Full Time : -
- Part Time : 2

15. Number of Research projects with details

- a) Ongoing : 1 - Dr.D.Rajasekar (Women Entrepreneurship)
- b) Approved : 1
- c) Submitted : 0

16. Research Scholars

- Full Time : 2
- Part Time : 41

17. Publications:

Number of papers published in Scopus Indexed Journals

- National - 18
- International - 12

18. Paper Presentation in Conferences:

- National - 15
- International - 8

19. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

S. No.	Category	Name of the Faculty	Designation and Name of the committee
1	Professional Bodies	All Faculty Members of AMET Business School	Members of MMA & AIMA
2	Expert Committee	Dr.S.Ramachandran	AICTE

	Member		
3	Life Time Member	Dr.S.Ramachandran	ASCI of Hyderabad
4	Editorial Board Member-International	Dr.S.Ramachandran	Commerce and Economics Review
5	Editorial Board Member	Dr.D.Rajasekar	International Journal of Law and Commerce
6	Editorial Board Member	Dr.D.Rajasekar	Asian Journal of Management Science
7	Editorial Board Member	Dr.D.Rajasekar	Indo Global Journal of Management
8	Editorial Board Member	Dr.S.Poongavanam	International Journal of Commerce and Management
9	Editorial Board Member	Dr.A.Shameem	ISRD Allied Journals

20. Number of Ph.D., awarded during the assessment period: 4

21. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	1152
2	Project Report	142
3	CDs Prepared by Staff members	36
4.	Manuals	-
5.	Journals (online)	-
6	Question Banks	36

b) Any other Facilities - -NIL-



22. List the distinguished alumni of the department

S. No.	Name of Alumni	Batch	Place of Work
1	Mr.Kannan	2001-2003	Dubai
2	Mr.Lohitha	2003-2005	France
3	Mr.Aristo	2004-2006	Singapore
4	Mr.Kamal Pal Singh	2005-2007	Indonesia
5	Mr.Raman	2007-2009	Oman
6	Mr.Janakiraman	2008-2010	Dubai

23. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2016-17	Accounting for Shop Keepers of Kanathur	Dr.M.Bina Celine Dorathy	32
2	2016-17	GST	Dr.A.Shameem	26

24. Placement details of the Department :

**MBA (Batch: 2015-2017) – 56 students**

<b>Name of the company visited</b>	<b>Number of students placed in a batch</b>	<b>Number of students not placed so far in a batch</b>	<b>Other modes of placement initiatives</b>
1. ACT Infraport Ltd, Gujarat 2. All Cargo Logistics, Chennai 3. AlphaNex Logistics LLC. Dubai 4. Bernhard Schulte, Chennai 5. Bharat Logistics, Chennai 6. Boxco, Mumbai 7. Bulkcom Shipping, Chennai 8. DA-Desk, Mumbai 9. Dahnay Logistics, Chennai 10. EconShip Marine Pvt Ltd, Mumbai 11. Evergreen Shipping, Dubai 12. Falcom Middle East, Dubai 13. Fast Forward Logistcs, Chennai 14. Freight Systems Limited-FSL, Chennai 15. Fynsea Logistics, Chennai 16. Inchcape, Dubai 17. JAS Forwarding, Sweden 18. K-Line, Chennai 19. Kuehne+Nagel, Chennai 20. LoT Trucks, Chennai 21. M+R Spedag Logistics Limited, Switzerland 22. MOL, Chennai 23. MSc, Chennai 24. Navia Shipping, Gujarat 25. New Age Software & Solutions, Chennai 26. NTC Logistics, Chennai 27. NYK Line, Tuticorin 28. Ocean Masters Marine, Malaysia 29. Pacific International Lines, Chennai 30. Rais Hasan Saathi, Dubai 31. Scaleup Logistics, Kerala 32. Scent Trans Pvt Ltd, New Delhi 33. Seaways Shipping Services, Chennai 34. Shroi Energy, Chennai 35. Team Global, Chennai 36. United Arab Shipping Agency (UASC), Chennai	48 MBA students placed  (86% placement)	8 MBA students out of which 4 students are doing their own business	Off-campus placement assistance is provided continuously

1. Name of the Department/School : **Mechanical Engineering**

2. Head of the Department : Dr.R.Rajavel

3. Number of Faculty :

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	3	10	-	-
2	Female	-	-	-	-

4. Number of Office staff :

Male	Female
1	-

5. Thrust areas : Composite materials, Alternate Fuels

6. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	Full Time	B.E Mechanical Engineering	2014	4 years

7. Guest Lectures

**2016-17**

S. No.	Topic	Name of the Guest, Designation and Company	Date
1	3D-Modelling	Mr. R.Manojkumar, Business Development Manager, EDS Technologies Pvt. Ltd.	14 <sup>th</sup> July 2016
2	IC Engines	Mr. P.Ranganathan, Manager, Ashok Leyland - Chennai	24 <sup>th</sup> August 2016

3	Wind Energy	Mr.V.Rajendran, Director, VESTAS Wind Energy Technology India private limited.	29 <sup>th</sup> August 2016
4	Recent Trends in Automobile Engineering	Mr.N.K.Saravanan, Director, Saga Holdings, UK, Former Country Manager – Service,Tata Motors.	14 <sup>th</sup> March 2017

8. Conferences / Workshops / Seminar Conducted:

**2016-17**

S. No.	Name of the Event	Concept/Theme	Date	Venue
1	Advances in Composite Materials and welding technology	Material Science	2 <sup>nd</sup> September 2016	Janakiraman Auditorium
2	Recent Developments in Under Water Welding(RDUWW'1 7)	Welding	16 <sup>th</sup> March 2017	Janakiraman Auditorium

9. Conferences / Workshops / Seminar attended:

**2016-17**

S. No.	Name of the Event	Concept/Theme	Date	Venue	Name of the Faculty
1	National Conference on Emerging Trends in Mechanical Engineering 2017	Emerging Trends in Mechanical Engineering	6 <sup>th</sup> April 2017	Sathyabama University	D.S.Balaji Dr.S.Prabhakaran J.Harishkumar
2	International Conference on Recent Advancements in Mechanical Engineering and Technology 2017	Advancemen ts in Mechanical Engineering	21 <sup>st</sup> April 2017	Vinayaka Missions University	Dr.S.Prabhakaran D.S.Balaji J.Harishkumar

3	International Conference on Recent Advancements in Civil Engineering 2017	Recent Advancements in Civil Engineering	26 <sup>th</sup> April 2017	Vinayaka Missions University	Dr.S.Prabhakaran D.S.Balaji
4	One day national level workshop on “Emerging Trends In Welding Technology”,	Welding methods	September 2016	VIT, Vellore.	A.R.Sivaram
5	One day workshop on “Advanced in composite materials and welding technology”,	Composite materials	2 <sup>nd</sup> September 2016	AMET University	A.R.Sivaram
6	One day workshop on “Advanced in composite materials and welding technology”,	Composite materials	2 <sup>nd</sup> September 2016	AMET University	P.Ramanathan
7	One day seminar on “Advanced in composite materials and welding technology”	Composite materials	2 <sup>nd</sup> September 2016	AMET University	V.Srinivas
8	One day seminar on “Advanced in composite materials and welding technology”	Composite materials	2 <sup>nd</sup> September 2016	AMET University	R.Praveenkumar

10. Faculty Development Programme:

**2016-17**

S. No.	Name of the FDP	Duration	Name of the faculty member
1	“High Impact Teaching Skills”	2 days	A.R.Sivaram
2	“High Impact Teaching Skills”,	2 days	P.Ramanathan

11. Highlight the participation of students and faculty in extension activities.

**2016-17**

S. No.	Year	Activity Name	Name of the Faculty Members	No of student
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				Participated
1	II Year & III year	One day Industrial Visit in Diamond Group of Companies – Chennai on 04/08/2016	Dr.R.RajsolayAnand V.Srinivas	90
2	I year	One day Industrial Visit in Diamond Group of Companies – Chennai on 23/02/2017	J.Harishkumar D.S.Balaji	88
3	II Year	One day Industrial Visit in Ashok Leyland, Ennore on 01/03/2017	R.Praveenkumar	41
4	III Year	One day Industrial Visit in Ashok Leyland, Ennore on 02/03/2017	P.Senthilkumar	49
5	II Year & III year	E – Waste Awareness and collection camp on 15/04/2016	Dr.R.RajsolayAnand V.Srinivas	90
6	II Year	Awareness campaign against cell phone radiation hazard on 31/08/2016	J.Ashokkumar	41
7	III Year	Preventive maintenance of two wheeler & four wheeler for general public on 06/04/2017	G VijayaganthN.Venkatesan	49
8	III Year	Usage of solar energy as a alternative source of power on 07/04/2017	G VijayaganthN.Venkatesan	49

## 12. Achievements :

### a. Faculty

Name of the Staff	Recognition/award Details	Awarding authority	Year of Award
N.Jayakumar	Best Performer Award	AMET university	2015
P.Ramanathan	Best Faculty Award	AMET university	2015

### b. Students

The Students of Mechanical Engineering Department Participated in the SAE-ECO Green Vehicle Challenge 2017 conducted on 6<sup>th</sup> and 7<sup>th</sup> April 2017



at L.D.College of Engineering,Ahmedabad and Secured Best Innovative design award

13. Faculty profile with name, qualification, designation and specialisation

**2016-17**

S.No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1	Dr.Rajavel	Professor	M.E., Ph.D	Thermal Engineering	19
2	Dr.S.Prabhakaran	Associate Professor	M.E., Ph.D	Design	14.5
3	Dr.K.Umanath	Associate Professor	M.E., Ph.D	Manufacturing Engineering	10.5
4	P.Ramanathan	Assistant Professor	M.E,MS ,M.E	Automobile Engineering	20
5	N.Jayakumar	Assistant Professor	M.E	CAD	20
6	V.Srinivas	Assistant Professor	M.E	Production Engineering	31
7	P.Senthil Kumar	Assistant Professor	M.E	Mechatronics	6.8
8	A.R.Sivaram	Assistant Professor	M.E	Thermal Engineering	2.5
9	J.Harish kumar	Assistant Professor	M.E	Manufacturing Systems	2.5
10	R.Praveenkumar	Assistant Professor	M.E	Manufacturing Engineering	4.5
11	D.S.Balaji	Assistant Professor	M.E	Manufacturing Systems	5.5
12	P.Ramachandran	Assistant Professor	M.Tech	Manufacturing Technology	0.8
13	G.Vijayakanth	Assistant Professor	M.E.	CAD/CAM	5.5

14. Research Scholars

- Full Time : Nil
- Part Time : 4

15. Number of Research projects with details

- a) Ongoing :- Nil
- b) Approved :- Nil
- c) Submitted : 1

16. Consultancy projects:

S. No.	Ongoing	Appoved	Submitted	Consultancydetails
1	-	-	Submitted	Development and Characterization Study on SCR Catalyst to meet Bharath Stage – 6 Norms in CRDI diesel engine to SERB (Science and Engineering Research Board)

17. Research Scholars

- Full Time : - Nil
- Part Time : 5

18. Publications:

Number of papers published in Scopus Indexed Journals

- National – 5
- International – 3

19. Paper Presentation in Conferences:

- National – 01
- International – 08

20. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any

other (please specify)

S. No.	Category	Name of the Faculty	Designation and Name of the committee
1	Editorial Boards	Dr.R.Rajavel	Reviewer, Journal of Thermal Sciences
2	Editorial Boards	Dr.K.Umanath	Reviewer, International Journal of Developments in nanotechnology
			Reviewer, International Journal of Engineering Physics
			Reviewer, International Materials Science Journal
3	National committees	Dr.R.Rajavel	Member, Indian Society for Technical Education
			Member, Solar Energy Society of India
			Member, Indian Society of Heat and Mass Transfer
4	International committees	J.Harishkumar	Member, Society of Automotive Engineers
5	International committees	R.Praveenkumar	Member, Society of Automotive Engineers

21. Awards / recognitions received at the national and international level by

a) Faculty

Name of the Staff	Recognition/award Details	Awarding authority	Year of Award
N.Jayakumar	Best Performer Award	AMET university	2015
P.Ramanathan	Best Faculty Award	AMET university	2015

b) Students

The Students of Mechanical Engineering Department Participated in the SAE-ECO Green Vehicle Challenge 2017 conducted on 6<sup>th</sup> and 7<sup>th</sup> April 2017 at L.D.College of Engineering,Ahmedabad and Secured Best Innovative design award

22. Number of Ph.D., awarded during the assessment period: NIL

23. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	200
2	Project Report	-
3	CDs Prepared by Staff members	3
4.	Manuals	6
5.	Journals (online)	2
6	Question Banks	18



b) Any other Facilities -

24. Highlight the participation of students and faculty in extension activities.

**2016-17**

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	II Year & III year	One day Industrial Visit in Diamond Group of Companies – Chennai on 04/08/2016	Dr.R.RajsolayAnand V.Srinivas	90
2	I year	One day Industrial Visit in Diamond Group of Companies – Chennai on 23/02/2017	J.Harishkumar D.S.Balaji	88
3	II Year	One day Industrial Visit in Ashok Leyland, Ennore on 01/03/2017	R.Praveenkumar	41
4	III Year	One day Industrial Visit in Ashok Leyland, Ennore on 02/03/2017	P.Senthilkumar	49
6	II Year	Awareness campaign against cell phone radiation hazard on 31/08/2016	J.Ashokkumar	41
7	III Year	Preventive maintenance of two wheeler & four wheeler for general public on 06/04/2017	G VijayaganthN.Venkatesan	49
8	III Year	Usage of solar energy as a alternative source of power on 07/04/2017	G VijayaganthN.Venkatesan	49



1.Name of the Department/School : **DEPARTMENT OF NAVAL ARCHITECTURE  
&OFFSHOREENGINEERING**

2.Head of the Department :Cdr (Retd) Prashant Kumar

3.Number of Faculty : 14

Others	Graduate	PG	Ph.D	Faculty
-----	2	10	01	Male
----	1	1	-----	Female

4. Number of Office staff :

Female	Male
1	1

5.Thrust areas : Students are provided with right attitude, right professional knowledge & right skills to undertake and face the professional challenges in the industry after passing out from the University.

6.Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

Duration	Year of Commence ment	Name of the programme	Program Category
4 Years	2007	BE (NA&OE)	UG
2 Years	2016	M. Tech. (NA&OE)	PG

-	2017	Ph.D	Research
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#### 7. Guest Lectures

<b>Date</b>	<b>Name of the Guest, Designation and Company</b>	<b>Topic</b>
10.02.2017	Mr. S. Krishna Kumar Katale Shipyard Pvt. Ltd	Graduate attributes of Shipbuilding industry
-	NIOT	-
	Mr. Chandra Mohan AMET University Community College	Relevance of Welding Technology

#### 8. Conferences / Workshops / Seminar Conducted:

<b>Venue</b>	<b>Date</b>	<b>Concept/Theme</b>	<b>Name of the Event</b>
AMET University	10.03.2017	Towards greener ships and cleaner seas, Emerging trends in offshore Engineering	International conference

#### 9. Conferences / Workshops / Seminar attended:

<b>Name of the Faculty</b>	<b>Venue</b>	<b>Date</b>	<b>Concept/Theme</b>	<b>Name of the Event</b>
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All faculties	AMET University	10.03.2017	Towards greener ships and cleaner seas	ICSOE 2k 17
Mr. Himanshu Uppal	AMET University	19.05.2017	Importance of research methodology	National conference
Mr.PremAnandh	Vels University	31.03.2017	Recent trend in Shipbuilding & oil gas industry	National conference
S. R varma Mr. Himanshu Uppal, Cdr	AMET University	23.5.2017	Mathematical tools for Research and methodology	National Conference
Mr. Vijith PP	AMET University	19.05.2017	Importance of research methodology	National Conference

10.Faculty Development Programme:

Name of the faculty member	Duration	Name of the FDP
1. Mr. Himanshu Uppal 2. Mr. PremAnandh 3. Mrs. Ch. Revathi	02 days	A two day faculty rejuvenation programme on high impact teaching skills

11.Highlight the participation of students and faculty in extension activities.

No of student Participated	Name of the Faculty Members	Activity Name	Year

07	Mrs. Raja Shivashankari	Principle of Floating bodies & its types	03-10-2016
06	Mrs. Raja Shivashankari	Principle of Submarine & Failure of titanic	01-03-2017

12.Achievements :

PARTICIPANTS	DATE	PLACE	COLLEGE NAME	NAME OF EVENT
JAY LALIT PATIL	Jan-17	1st place	IIT BOMBAY	SUBMERGE COMPETITION
PRATIK SALUNKE				
SIDDHANT				
JAY LALIT PATIL	4/3/2016	1st Place	IIT MADRAS	RCBOATS
PRATIK SALUNKE				
SIDDANTH				
ARYAN				
JAY LALIT PATIL	4/3/2016	2nd place	IIT MADRAS	ROBOCEANA
PRATIK SALUNKE				
SIDDANTH				
ARYAN				

JAY LALIT PATIL	2016	2nd PLACE	IIT KHARAGPUR	CEASE EL FUGO
PRATIK SALUNKE				
SIDDANTH				
ARYAN				
JAY LALIT PATIL	2016	1PLACE	IIT KHARAGPUR	INNOTECT
PRATIK SALUNKE				
ARYAN				
SIDDANTH				
JAY LALIT PATIL	2016	1PLACE	IIT KHARAGPUR	TUG THE HERCULES
PRATIK SALUNKE				
SIDDANTH				
ARYAN				
JAY LALIT PATIL	2016	1PLACE	IIT KHARAGPUR	DEVIL'S MISSION
ARYAN				
SIDDANTH				
PRATIK SALUNKE				
JAY LALIT PATIL	26/05/2015	1st place	MENNAKSHI COLLEGE OF ENGINEERING	PROJECT DISPLAY
ARYAN				

PRATIK SALUNKE				
SIDDHANT				
JAY LALIT PATIL		2nd Place	VIT CHENNAI	TECH EXPLORE
ARYAN				
SIDDHANT				
JAY LALIT PATIL	2016	2ND PLACE	AMET UNIVERSITY	DYNAMIC MODELLING
ARYAN				
PRATIK SALUNKE				
JAY LALIT PATIL	2016	2ND PLACE	AMET UNIVERSITY	PROJECTRIX
ARYAN				
PRATIK SALUNKE				
SHUBHAM BHATT	18/03/2017	1PLACE	IIT KHARAGPUR	PAPER PRESNETATION
SHUBHAM BHATT	18/03/2017	1PLACE	IIT KHARAGPUR	CASE STUDY
GUGANATHAN.P	18/03/2017	PARTICIPA TION	IIT KHARAGPUR	CASE STUDY

SHUBHAM BHATT	18/03/2017	1PLACE	IIT KHARAGPUR	OPERATION ATLANTA
GUGANATHAN.P	18/03/2017	3PLACE	IIT KHARAGPUR	OPERATION ATLANTA
VASAN				
AZIL AHAMED				
SAMUVEL				
JAY LALIT PATIL	18/03/2017	PARTICIPATION	IIT KHARAGPUR	OPERATION ATLANTA
ARYAN				
PRATIK SALUNKE				
SAGAR RANE				
GUGANATHAN.P	18/03/2017	3PLACE	IIT KHARAGPUR	RAISE THE TITANIC
VASAN				
AZIL AHAMED				
SAMUVEL				
JAY		PARTICIPATION		
ARYAN				
SAGAR RANE				
PRATHIK SALUNKE		PARTICIPATION		
JAY				
		PARTICIPATION	IIT	THE MIGHTY

ARYAN		TION	KHARAGPUR	HERCULES
SAGAR RANE				
PRATHIK SALUNKE				
GUGANATHAN.P		PARTICIPA TION		
VASAN				
AZIL AHAMED				
SAMUVEL				
SHUBHAM BHATT		3PLACE		
GUGANATHAN.P	11/3/2017	1 PLACE	IIT MADRAS	AUTONOMOUS WATER CRAFT
VASAN				
SHUBHAM BHATT				
AZIL AHAMED	11/3/2017	2PLACE	IIT MADRAS	AUTONOMOUS WATER CRAFT
SAMUVEL				
JAY	11/3/2017	1PLACE	IIT MADRAS	ROBOCENA
ARYAN				
SAGAR RANE				
PRATHIK SALUNKE				
GUGANATHAN.P		PARTICIPA		

VASAN		TION		
AZIL AHAMED				
SAMUVEL				
JOBIN RAJEEV	25/02/2016	1ST PLACE	MANNET PUNE	BASKET BALL
JOBIN RAJEEV	25/03/2017	1ST PLACE	AMET UNIVERSITY NATIONAL LEVEL 3RD MARITIME INSTITUTIONS TOURNAMENT	BASKET BALL
SHUBHAM BHATT	26/03/2017	2ND PLACE	SREE SASTHA COLLEGE OF ENGINEERING	PAPER PRESENTATION
SHUBHAM BHATT	8/8/2016	FIRST PLACE	SA ENGINEERING COLLEGE	PROJECTRIX
SHUBHAM BHATT	02/03/2016	FIRST PLACE	CHENNAI INSTITUTE OF TECHNOLOGY	PROJECT EXP
SHUBHAM BHATT	25/06/2015	FIRST	LOYALA - ICAM COLLEGE OF ENGINEERING	POSTER PRESENTATION
SHUBHAM BHATT	9/3/2016	FIRST	AMET UNIVERSITY	PAPER PRESENTATION

SHUBHAM BHATT	1/4/2016	RUNNER	AMET UNIVERSITY	PROJECT EXPO
SHUBHAM BHATT	1/10/2015	FIRST	AMET UNIVERSITY	PROJECT EXP
SHUBHAM BHATT	4/3/2016	FIRST	IIT MADRAS	RESEARCH EXP
SHUBHAM BHATT	12/3/2016	FIRST	CEG,GUINDY	REPRESENT
SHUBHAM BHATT	2016	FIRST	VIT,CHENNAI	TECHXPLORE
SHUBHAM BHATT	12/2/2016	FIRST	MIT,CHENNAI	PROJECT EXPO
SHUBHAM BHATT	11/3/2016	FIRST	MIT,CHENNAI	PAPER PRESENTATION
SHUBHAM BHATT	2/3/2016	FIRST	CHENNAI INSTITUTE OF TECHNOLOGY	PAPER PRESENTATION
SHUBHAM BHATT	26/09/2015	FIRST	MEENAKSHI COLLEGE OF ENGINEERING	PROJECT DISPLAY
SHUBHAM BHATT	27/02/2016	FIRST	MNM JAIN COLLEGE	EPISTEME ROSTRUM
SHUBHAM BHATT	19/03/2016	FIRST	CEG,CHENNAI	PREZE
SHUBHAM BHATT	23/03/2016	FIRST	EASWARI ENG COLG,CHENNAI	PAPER PRESENTATION
SHUBHAM BHATT	1/10/2016	FIRST	MNM JAIN COLLEGE	PAPER PRESENTATION
SHUBHAM BHATT	6/3/2016	FIRST	AGNI COLLEGE OF TECHNOLOGY	PAPER PRESENTATION



SHUBHAM BHATT	17/09/2016	FIRST	KCG COLLEGE OF TECHNOLOGY	PAPER PRESENTATION
SHUBHAM BHATT	24/09/2016	SECOND	MNM JAIN COLLEGE	PROJECT EXPO
SHUBHAM BHATT	13/08/2016	SECOND	SA ENG COLLEGE	PAPER PRESENTATION
SHUBHAM BHATT	2016	FIRST	LOYALA - ICAM COLLEGE OF ENGINEERING	PAPER PRESENTATION
SHUBHAM BHATT	15/03/2016	SECOND	TAGORE ENGINEERING COLLEGE	PROJECT EXPO
SHUBHAM BHATT	6/8/2016	SECOND	AGNI COLLEGE OF ENG AND TECH	PROJECT EXPO
SHUBHAM BHATT	17/09/2016	SECOND	KCG COLLEGE OF TECH	PROJECT EXPO

13.Faculty profile with name, qualification, designation and specialisation

No. of years of Experience (Total)	Specialization	Qualification	Designation	Name
32	Shipbuilding & Ship Repair management, shipyard Management, Planning & Productivity Management	B.Tech, PG DIIT, MSc	Professor & Director	Cdr. Sathish Raja Verma

29	Ship Design, Ship Stability, Fundamentals of Naval Architecture	BE, DIIT(NC), MBA(Finance)	Professor & HOD	Cdr. Prashant Kumar
4.5	Experimental and Numerical Ship Hydrodynamics	M.Tech, Ph. D	Assistant Professor	Dr. B.M. Shameem
7	Ship Structures, Stability, Hydrodynamics, AVEVA Marine,	BE, M.Tech- AU	Assistant Professor	Mrs. Ch. vijayalakshmi
2.5	Ship Structural Dynamics, Fluid Structure Interaction, Underwater Technology, Hydrodynamics.	BE, MS-IITM	Assistant Professor	Mr. Akshar Patel
5	Resistance and Propulsion, Wave Hydrodynamics, Design of Offshore Structures, DNV Sesam and NAPA Software	BTech,IITM	Assistant Professor	Mr. Y. Gopi krishna
4.5	Ship Production, Quality control, Health and Safety, MARPOL, Marine CAD	BE, MS(ongoing)	Assistant Professor	Mr. A. PremAnandh
4	Offshore Engineering, Wave Hydrodynamics, Dynamics of Structures	BE, MTech- IITM	Assistant Professor	Mr.Vijith P P
10	Ship production, Planning, Auto Cadd, Strength of Materials	BE, PG(Dip)	Assistant Professor	Mr. Saravanakumar. K

4.5	Underwater Vehicles, Offshore Structures	BTech, MTech-IMU	Assistant Professor	Mr. Himanshu Uppal
2.5 months	Structural Dynamics	BTech, MS- IITM	Assistant Professor	Mr. Ranjit Kumar Varma
6 months	Naval Architecture	B.E, M.Tech	Assistant Professor	Mr. Vinod vincent
30	Naval Architecture	M.E	Assistant Professor	Mr. Ramaswamy
4	Ansys, Tribon, DNV SESAM, AUTOCAD, PDMS	B.E	Lab Instructor	Ms. Shiva Shankari

#### 14.Research Scholars:

·Full Time : Nil  
·Part Time : 05

#### 15.Publications:

Number of papers published in Scopus Indexed Journals

·National – NIL  
·International – 02 (1 - Thomson Reuters, 1- Non-indexed)

#### 16.Paper Presentation in Conferences:

·National – 01  
·International – 04

17. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

<b>Total</b>	<b>Book Details</b>
Hard copy-943 Titles-188 Soft Copy-76	Books
72	Project Report
NIL	CDs Prepared by Staff members
NIL	Manuals
NIL	Journals (online)
All Subjects	Question Banks

b) Any other Facilities -

18. List the distinguished alumni of the department

<b>Place of Work</b>	<b>Batch</b>	<b>Name of Alumni</b>
Katale Shipyard	5	Nitish Sinha
Bharathi Mumbai	5	Anurag Tiwari
V-group (UK) at Mumbai	5	Prem R
Master Shipyard	5	Jofin Lukose
I Ship Design-Gujarat/ Zeebec Marine	5	Sri Ram Krishnan .P

Adonia Consultancy	5	Akshay Kumar SK
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19.Placement details of the Department :  
**Naval Architecture , Placements Batch-7, (2013-17)**

Company Name	Name
Kuenhe+Nagel, Chennai	Bonny Kurian
Godrej and boyce, Mumbai	Vipul Shankar
ACT Infraport, Gujarat	YashitaKrishnaa
Marcura, Mumbai	Dinesh Kumar
Marcura, Mumbai	Vignesh N
Marcura, Mumbai	Madhav Kumar Jha
Marcura, Mumbai	Dhananjay Chaturvedi
Marcura, Mumbai	MadillateRagasai Deepthi
Marcura, Mumbai	Rishi G
Marcura, Mumbai	Shivaprasad S
Marcura, Mumbai	Siva Sakthi
Marcura, Mumbai	Raghu Ram

Marcura, Mumbai	Prithviraj S
Marcura, Mumbai	Sathiya Narayanan
Marcura, Mumbai	Pravesh G
Ocean Masters, Chennai	Naveen Mathew
Ocean Masters, Mumbai	DhanashreeGotad
New Age, Chennai	ShyamSundar

20. Any other information deemed fit :

- 1) The Department started 2 Years M. Tech (NA&OE) programme from academic year 2016-17.
- 2) One faculty is already a Ph. D. 06 faculty members have registered for undertaking Ph. D. with AMET University. 04 faculty members are in consultation with other institutes like IITs/CUSAT/AU for undertaking Ph. D.
- 3) Towards facilitating Ph. D., the Department is procuring additional technical software and workstations.
- 4) The Department has started consultancy projects with Industry.

1. Name of the Department : **PETROLEUM ENGINEERING**

2. Head of the Department : Dr.P.N.Ananthanarayanan

3. Number of Faculty :11

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	4	4	-	-
2	Female	1	2	-	-

4. Number of Office staff : 1

Male	Female
-	1

5. Thrust areas :Reservoir Engineering ,Petroleum Refining and Petrochemicals ,Enhanced Oil Recovery,Environmental Engineering

6. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	UG	B.E. Petroleum Engineering	2008	4 Years
2	PG	M.Tech. Petroleum Engineering	2013	2 years
3	Ph.D.	Ph.D. in Petroleum Engineering	2009	-
4	UG	B.E Mining Engineering	2016	4 years

7. Guest Lectures : 4

S. No.	Topic	Name of the Guest, Designation and Company	Date
1	Dr. A. K. Gopinath, General Manager, ONGC	Reserves Estimation	21-4- 2017

2.	Mr. Sundararaman, Project Lead, Tech Mahindra	Role of Analytics in Petroleum Industry	15-2- 2017
3	Mr. Mohan Raj, Offshore Installation Manager, Gulf Drilling International	Current Scenario of Oil and Gas Industry for Positions in Petroleum Industry	27-9- 2016
4	Mr. Krishnan Subramanian, VP, Institute of Chattered Ship, Formerly VP (Shell Petroleum)	Tuning the Students from Candidacy to Professionals	20-8- 2016

8. Conferences / Workshops / Seminar Conducted:1

S. No.	Name of the Event	Concept/Theme	Date	Venue
1	National Seminar	Recent Trends in Petroleum Exploration and Production	30 – 03 -2017	AMET University

9. Conferences / Workshops / Seminar attended:

S. No.	Name of the Event	Concept/Theme	Date	Venue	Name of the Faculty
1	11 <sup>th</sup> Petrotech Summer School 2016	Petroleum Refining and Petrochemicals - Fuel Quality Improvement Technologies	06/06/2016- 10/06/2016	IIPM, Gurgaon	Dr. P. Sakthiselvan and Mr. M. Panbarasan
2	NCRTET'17	National Conference on Recent Trends & Emerging Technologies	24.03.2017	RGCE, Sriperumbu dur	Dr. P. Sakthiselvan and Mr. M. Panbarasan





10. Faculty Development Programme:

Date	Name of the FDP	Duration	Name of the faculty member
1	Regional Training Institute, ONGC, Cauvery basin, Chennai	1 day	Mr.S.Govindan
2	Regional Training Institute, ONGC, Cauvery basin, Chennai	1 day	Mr.M.Panbarasan
3	“High Impact Teaching Skills”	2 days	Mrs.V.Amirthavalli
4	“High Impact Teaching Skills”	2 days	Ms.J.Swathi

11. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2016	Conservation of Petroleum Products in India	Mr.S.Govindan	4
2	2016	Conservation of	Mr.S.Govindan	4

		Petroleum Products in India		
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## 12. Achievements:

### a. Faculty:

Sl. No	Name	Award
2	Mrs.V.Amirthavalli	Best Faculty of the department
3	1. Dr.P.N. Ananthanarayanan 2. Mrs.V.Amirthavalli	Project Submitted to MNRE- Department of Science & Technology
4	Mr.H.Sundaram	Best Paper Reviewer in the journal of Biomass Conversion and Biorefinery– Springer Journal
5.	Dr.P.Sakthiselvan	Best faculty Coordinator

### b. Students:

S.No	Programme/Year	Name of the Students	Year	Award Category
1	B.E – PE IV YEAR- Batch 6	PREMKUMAR .S PREMKUMAR .R MONISH. I ARYA T. SATHEESH RAGURAMAN. R	2016	BEST IN DESIGNING A MODEL – Primary Well Control
2.	B.E – PE IVYear	Keerthik Anand .M	2016	Best Student
3.	BE-PE III Year	Thamim Ansari	2017	Best Student
4.	BE-PE II Year	Shravan H Rajani	2017	Best Student
5.	BE-PE III Year	Arijit Dhar	2017	Excellence in Paper Presentation



### 13. Faculty profile with name, qualification, designation and specialization

S.No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1	Dr.P.N.Ananthanarayanan	Professor & Head	Ph. D	Exploration Project management Field Development	Industry- 30 years Academic – 9 Years
2.	Dr. T. Nagalakshmi	Associate Professor	M.Sc, M.Phil, Ph.D	Petroleum Exploration , Petroleum Geology, Enhanced Oil Recovery, Petroleum Economics, Formation Evaluation & Well logging, Petroleum	11.6

				Project Management, Unconventional Oil & Gas resources, Reservoir management, Petroleum Geochemistry.	
3	Mr. M. J. A. Prince	Assistant Professor	M. Tech	Reservoir Engineering	6
4	Mrs. V. Amirthavalli	Assistant Professor	M.Tech	Petrochemicals & Petroleum Refining, Natural gas Engg, Hydrocarbon processing & Plant Engg, Fluid mechanics for Petroleum Engineers, Fundamentals of Reservoir Engineering	10
5	Ms.J.Swathi	Assistant Professor	M.Tech	Reservoir Engineering, Enhanced Oil Recovery, Petroleum Economics, Drilling Fluids and Cementing,	Industry- 8 months Academic – 7.5 Years
6	Mr. S. Govindan	Assistant Professor	M.Tech	Petroleum Geophysics, Formation Evaluation & Well Logging, Drilling Fluids & Cementation.	4
7	Mr. H.Sundaram	Assistant Professor	M.Tech	Natural Gas Engineering,	5.5

				Hydrocarbon Processing&Plant Engg, Petroleum Refining& Petrochemicals	
8	Dr.A.Balasubramanian	Assistant Professor	M.Tech, Ph.D	Production system; Petroleum Storage, Transportation and Marketing; Petrochemical and oilfield Chemistry	Industry- 1 Year Academic – 4.5 Years
9	Dr.P.Sakthiselvan	Assistant Professor	M.Tech, Ph.D	HSE & Hazards Management in Petroleum Industry,	3.6 years
10	Mr.M.Panbarasan	Assistant Professor	M.Tech	Petroleum Economics, Petroleum Law & Contracts, Drilling Operations, Drilling fluids, Petroleum Geology, Well Testing, Unconventional Hydrocarbon Resources, Formation Evaluation	2 Years
11	Mr. D. Srikanth	Assistant Professor	M.Tech, Ph.D	Formation Evaluation and Well logging and Well logging techniques	4 months
12	Mr.B.AntonyFayaz	Lab Istructor	PG Diploma	Drilling, Drilling Fluids, Well Completion, Well	4

14. List of Senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	Mr.V.Pandurangan	M.Sc.,	Visiting Faculty	Oil Field Production	35 Years
2	Mr.Anand Ramamurthy	B.E.,M.Sc.,	Visiting Faculty	Drilling & Production	25 Years

15. Research Scholars :

- Full Time : 1
- Part Time : 6

16. Number of Research projects with details :

- a) Ongoing :1
- bc) Submitted :1

17. Consultancy projects: NIL

18. Publications:

Number of papers published in Scopus Indexed Journals

- National - 12
- International - 10

19. Paper Presentation in Conferences:

- National - 2
- International - 1



20. Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

S. No.	Category	Name of the Faculty	Designation and Name of the committee
1	International	Dr.P.N.Ananthanarayanan	Paper Review Committee, International Oil & Gas Conference ,Iraq (2013)
2	Society of Petroleum Engineers(SPE) Chennai	Mr.M.Panbarasan	Faculty Coordinator Society of Petroleum Engineers(SPE) AMET UNIVERSITY

## 21. Achievements

### Students

Sl. No	Roll No	Name	Year	Award Category
1	PE305 PE 304 PE 298 PE 339 PE 307	Premkumar.R Premkumar.S Monish.I Arya T Satheesh Raguraman	Passed Out – 4th Year	Best Project
2	PE343	Suzaneth	Passed Out – 4th Year	Best Student
3	PE 450	Thamim Ansari	3rd Year	Best Student
4	PE 595	Shravan H Rajani	2nd Year	Best Student
5	PE677	Shivanshu Gupta	1st Year	Best Student

## 22. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	350
2	Project Report	90
3	CDs Prepared by Staff members	10
4.	Manuals	4
5.	Journals (online)	5
6	Question Banks	All Subjects





23. List the distinguished alumni of the department- Nil

S. No.	Name of Alumni	Batch	Place of Work
1	Mr. V. Eswar Prasad	PE 1	Sinopec, Saudi Arabia
2	Mr. Varun Asthana	PE 1	HOEC, Chennai
3	Mr. K. Nazeel	PE 4	NDC, Saudi Arabia

24. Highlight the participation of students and faculty in extension activities. Not applicable

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2017	Conservation of Petroleum Products in India	Mr. S. Govindan	4
2	2016	Conservation of Petroleum Products in India		4
3	2016	Conservation of Petroleum Products in India		4

25. Placement details of the Department :

Company visited (Name, City, Country)	No. of students attended interview	No. of students and appointed
Shell, India	39	2
IMC, India	53	3
New Age, India	11	3
Ocean Masters	19	6
ACT Port	11	3
Tech Mahindra	38	2



1. Name of the Department/School : **Physical Education / School of Physical Science and Education**

2. Head of the Department : Dr. M.Vijayaragavan / Dr. N. R. Ramkumar

3. Number of Faculty : Two

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	2	-	-	-
2	Female	-	-	-	-

4. Number of Office staff :

Male	Female
1	1

5. Thrust areas : Sports Training, Fitness and Wellness





6. Faculty Development Programme:

Date	Name of the FDP	Duration	Name of the faculty member
09.01.2017	Modern Trends for Research Publications and Publication Metrics	One Day	Dr. N. R. Ramkumar Dr. A. Manoj Kumar
10.01.2017	Research – Research Proposal – Winning Research Grant	One Day	Dr. N. R. Ramkumar Dr. A. Manoj Kumar
25.11.2016	Teaching Methodology	One Day	Dr. N. R. Ramkumar Dr. A. Manoj Kumar

7. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2016-17	Summer Swimming Coaching Camp for School Students	Dr. N.R. Ramkumar Dr. A.Manojkumar	6
2	2016-17	Summer Cricket Coaching Camp for School Students	Dr. N.R. Ramkumar Dr. A.Manojkumar	6

8. Achievements :

- a. Faculty – Dr. N.R.Ramkumar Nominated as s Chairperson in an International Conference held at Banghok during the year 2017.

b. Students:

YEAR	INTERNATIONAL / NATIONAL / STATE LEVEL EVENTS	NAME OF THE EVENT	AWARDS / PLACE
2016-17	3 <sup>rd</sup> National Level Inter Maritime Sports Meet at AMET University on 24 <sup>th</sup> & 25 <sup>th</sup> March 2017	Badminton	<i>Winner</i>
		Basketball	<i>Winner</i>
		Volleyball	<i>Winner</i>
		Swimming	<i>Overall Champion</i>
		Table Tennis	<i>Winner</i>
		Body Building	<i>Overall Champion</i>
	State Level Inter Engineering College Volleyball Tournament Organized by SSN CUP 2016 on 22 <sup>nd</sup> to 25 <sup>th</sup> August 2016	Volleyball	<i>Winner</i>

	Tamil Nadu State Inter University Badminton Tournament for Men & Women Organized by Chettinad Academy of Research and Education on 23 <sup>rd</sup> & 24 <sup>th</sup> September 2016	Badminton	<i>Lost in the pre quarter final</i>
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9. Faculty profile with name, qualification, designation and specialisation

S.No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1	Dr. N. R. Ramkumar	Director	Ph.D	Sports Training	17
2.	Dr. A. Manoj Kumar	Asst. Prof.	Ph.D	Sports Training	5



#### 10. Publications:

Number of papers published in Scopus Indexed Journals

- National                                -        -
- International                        -        1

#### 11. Paper Presentation in Conferences:

- National                                -        -
- International                        -        2

#### 12. Awards / recognitions received at the national and international level by

##### a) Faculty

Name of the Staff	Recognition/award Details	Awarding authority	Year of Award
Dr. M. Vijayaraghavan	"Best Coach Award"	Tamil Nadu Government	2015

##### b) Students                                -        **NIL**

13. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	102
2	Project Report	-
3	CDs Prepared by Staff members	-
4.	Manuals	-
5.	Journals (online)	-
6	Question Banks	-

b) Any other Facilities -

Internet facilities for staff and students : Having 3 Computers  
with Internet Facility

Total number of Gym : Two Multi Gym with Modern Equipments

Swimming Pool facility : Standard Swimming Pool

Indoor Games Facilities : Badminton, Table Tennis, Chess, Carrom

Outdoor Game Facilities : Swimming Pool, 5 a Side Football,  
: 2 Cricket Concrete Pitch,

14. Highlight the participation of students and faculty in extension activities.

S. No.	Year	Activity Name	Name of the Faculty Members	No of student Participated
1	2016-17	Summer Swimming Coaching Camp for School Students	Dr. N.R. Ramkumar Dr. A.Manojkumar	6
2	2016-17	Summer Cricket Coaching Camp for School Students	Dr. N.R. Ramkumar Dr. A.Manojkumar	6

15. Any other information deemed fit :

**Tournament Organised:**

Category	Name of the Event	Date and Venue	Event Details
National Level	3rd National Level Inter Maritime Tournament	<b>24th &amp; 25th March</b> 2017 / AMET University, Chennai	AMET University Chennai organized a National Level Inter Maritime Institutions tournament on 14 <sup>th</sup> & 15 <sup>th</sup> March 2015. More than 14 Marine



			Institutions from all over India participated and 3 Major games like Kabaddi, Swimming and Table Tennis conducted.
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1. Name of the Department/School : **Physics**
2. Head of the Department : Dr. Anita R Warriar
3. Number of Faculty : 6

S. No.	Faculty	Ph.D	PG	Graduate	Others
1	Male	4	1		
2	Female	1			

4. Thrust areas : Nanophotonics, Crystal Growth, Nanoscience, Bio and energy materials

5. Names of Programmes / Courses offered (UG, PG, Ph.D., Diploma) :

S. No.	Program Category	Name of the programme	Year of Commencement	Duration
1	Research	Ph.D	2009	3 years

6. Students strength : NA

S. No.	Program Category	Applied	Admitted	Students Strength		
				Male	Female	Foreign



7. Conferences / Workshops / Seminar attended:

S.No	Name of the Faculty	Name of the Event	Venue	Date
1	Dr.SureshSagadevan	5th International Conference on Materials Processing and Characterization (ICMPC-2016)	Department of Mechanical Engineering, GokarajuRangaraju Institute of Engineering and Technology (GRIET), Hyderabad	12-13 March 2016
2	Dr.SureshSagadevan	International Conference on Materials Research and Applications (ICMRA-2016)	Department of Physics, CMR Technical Campus, Hyderabad	11-13 March 2016
3	Dr.SureshSagadevan	International Conference on Recent Trends on Materials Science and Applications (ICRTMSA 2016)	Jamal Mohamed College (Autonomous), Tiruchirappalli-620020,Tamilnadu	29 <sup>th</sup> February 2016
4	Dr.SureshSagadevan	Smart Materials – Applications & Characterizations	VIT University, Vellore	27th April 2016
5	Dr.SureshSagadevan	IIT Madras and M/s THIN FILM SOLUTIONS	Indian Institute of Technology Madras	February 21 <sup>st</sup> 2016
6	Dr.SureshSagadevan	II International Conference on Recent Trends in Materials – ICRTM- 2016	Department of Physics, Devanga Arts College, Aruppukottai	22 <sup>nd</sup> & 23 <sup>rd</sup> January 2016
7	Dr.SureshSagadevan	National Conference on Advances in Applied Physics and Materials Science (NCAAPMS –	Hindustan University	29 <sup>th</sup> and 30 <sup>th</sup> January 2016

		2016)		
8	Dr.SureshSagadevan	Third International Workshop On Advanced Functional Nanomaterials (TIWAN-2015)	Centre for Nanoscience and Technology and Centre for International Affairs- Anna University	16 – 18 <sup>th</sup> December 2015
9	Dr.SureshSagadevan	“Future Energy Resources”- IWFER’15	Department of Mechanical Engineering in association with “SAE INDIA & ENFUSE”, S.A.Engineering College	22/12/2015
10	Dr.SureshSagadevan	International Conference on Advances in Mechanical Engineering (ICAME-2015)	UNIVERSITY COLLEGE OF ENGINEERING VILLUPURAM, Villupuram – 605 103	15 <sup>th</sup> & 16 <sup>th</sup> October 2015
11	Dr. K. Anandan	International conference on recent advances in material chemistry (ICRAMC-2017)	SRM University, Kattankulathur, Chennai 603203.	Feb 15-17 2017
12	Dr. K. Anandan	NCSET-2017	VIT, Chennai	2-3 May 2017
13	Dr. K. Rajesh	National conference on New renaissance in chemical research (NCNRCCR-2016)	SRM University, Ramapuramchennai	19 <sup>th</sup> August 2016
14	Dr.K. Rajesh	International conference on Materials	VIT University, Vellore.	14-16 December 2016

		processing and Applications (ICMPA-2016)		
15	Dr. K. Rajesh	International conference on advances in Functional Materials (ICAFM-2017)	Anna University, Chennai.	6-8 January 2017
16	Dr. K. Rajesh	NCSET-2017	VIT, Chennai	2-3 May 2017
17	Anita Warriar	QIRT Asia 2015, Mammalapuram	IGCAR-Kalpakkam	July 6-19, 2015
18	Anita Warriar	ICAMMP 2016	IIT Kharagpur	November 3-6
19	Anita R Warriar	DAE SSPS	DAE-KIIT University Bhubhaneshwar	December 26-31
20	Dr. K. Thanigai Arul	NCSET-2017	VIT, Chennai	2-3 May 2017



8. Faculty profile with name, qualification, designation and specialisation

S.No.	Name	Designation	Qualification	Specialization	No. of years of Experience (Total)
1.	Dr Anita R Warriar	Assistant professor	MSc PhD	Nanophotonics and Photothermal Science	5.6
2.	Mr M Sureshkumar	Assistant professor	M.Sc.,M.Phil. NET, (Ph.D),	Crystal Growth, Materials science	17
3.	Dr Suresh Sagadevan	Assistant professor	M.Sc., M. Phil., Ph.D	Nano materials, Crystal growth and Material Science	4
4.	Dr K Anandan	Assistant professor	MSc PhD	Nano materials	1.5



5.	Dr K Rajesh	Assistant professor	M.Sc., M.Phil., B.Ed., Ph.D	Material Science and Crystal Growth	2.2
6.	Dr K Thanigai Arul	Assistant professor	M.Sc., M.Phil, PhD	Biomaterials, Sensors and Energy materials	5



9. Number of Research projects with details

- a) Ongoing : 3
- b) Approved : Nil
- c) Submitted : 4

10. Publications:

Number of papers published in Scopus Indexed Journals

- National – Nil
- International – 29

11. Paper Presentation in Conferences:

- National – 6
- International – 14

12. Awards / recognitions received at the national and international level by

a) Faculty

Name of the Staff	Recognition/award Details	Awarding authority	Year of Award
Dr. K. Rajesh	Best paper award	SRM University	2016
Dr.K. Thanigai Arul	Best paper award	VIT University	2017

13. Present details of infrastructural facilities with regard to

a) Library – Departmental Library is available with books.

S. No.	Book Details	Total
1	Books	390
2	Project Report	NA
3	CDs Prepared by Staff members	5
4.	Manuals	1
5.	Journals (online)	2
6	Question Banks	6





## **COURSES OFFERED**

### **U.G. COURSES**

1. B.E. Marine Engineering - 4 years
  2. B.Sc. Nautical Science - 3 years
  3. B.E. Electrical & Electronics Engineering - Marine - 4 years
  4. B.E. Harbour & Ocean Engineering - 4 years
  5. B.E. Naval Architecture and Offshore Engineering - 4 years
  6. B.E. Petroleum Engineering - 4 years
  7. B.E. Mining Engineering – 4 years
  8. B.E. Mechanical Engineering (Marine) - 4 years
  9. B.Tech. Food Processing Technology – 4 years
  10. B.B.A. Shipping - 3 years
  11. B.B.A. Logistics & Computer Applications – 3 Years
  12. B.Sc. (Hons) Collaborative Courses with University of Plymouth (UK) - 3 years
- Graduate in Mechanical Engineering (GME) - 1 year
  - Electro Technical Officer (ETO) - 4 Months

### **P.G. COURSES**

1. M.Tech. Marine Engineering Management - 2 years
2. M.Tech. Petroleum Engineering - 2 years
3. M.Tech. Naval Architecture & Offshore Engineering - 2 years
4. M.Sc. Marine Biotechnology - 2 years
5. M.B.A. Shipping & Logistics Management - 2 years

### **RESEARCH PROGRAMMES**

AMET University offers Ph.D. and M.Phil. Programmes to the aspiring candidates serving in Educational Institutions / Industries / Research laboratories / Research Organizations etc. This center functions with full commitment towards Research and Development of societal importance with the enthusiasm to serve the community at large. Faculty members from various departments are working in the Sponsored research projects from many funding agencies.

#### **1. Ph.D Programme**

Full - Time – Three Years

Part – Time – Four Years

#### **2. M.Phil Programme**

Full Time : One Year

Part Time : Two Years

AMET University offers Ph.D. and M.Phil. programmes in the following fields of research:

- i. Maritime Education
- ii. Marine Engineering
- iii. Nautical Science
- iv. Naval Architecture
- v. Offshore & Ocean Technology
- vi. Coastal Engineering
- vii. Coastal / Marine Management
- viii. Inland Water Studies
- ix. Petroleum engineering
- x. Marine Electrical and Electronics Engineering
- xi. Maritime Policies
- xii. Shipping Logistics Management
- xiii. Maritime Law & Marine Insurance
- xiv. Maritime Fleet Operations Management
- xv. Port Management
- xvi. Marine Biotechnology
- xvii. Allied Sciences (Physics, Chemistry, Maths, English, Life Sciences) Marine Information Technology
- xviii. Interdisciplinary

### **DIPLOMA COURSES**

- Higher National Diploma in Marine Engineering (In collaboration with City of Glasgow College, Glasgow, U.K)
- Higher National Diploma in Marine Engineering (In collaboration with South Tyneside College, U.K)
- Higher National Diploma in Nautical Science (In collaboration with City of Glasgow College, Glasgow, U.K)
- Higher National Diploma in Nautical Science (In collaboration with South Tyneside College, U.K)
- Higher National Diploma Electro Technology (In collaboration with South Tyneside College, UK)

### **CERTIFICATE COURSES**

Electro Technical Officer course - 4 months - DGS Approved Course

## **OTHER COURSES - SHORT TERM COURSES PRE-SEA COURSES**

1. Elementary First Aid (EFA)
2. Fire Prevention and Fire Fighting (FPFF)
3. Personal Survival Techniques (PST)
4. Personal Safety and Social Responsibility (PSSR)
5. Security Training for seafarer with Designated Security Duties(STSDSD)
6. Oil Tanker Familiarisation Course (OTFC)

## **GMDSS COURSE (INDIAN & U.K) POST SEA COURSES**

1. Second Mate (FG)
2. Chief Mate Phase - I
3. Chief Mate Phase - II
4. Advanced Shipboard Management
5. Ship Maneuvering Simulator & Bridge Team Works

## **COURSES OFFERED AT AMET UNIVERSITY COMMUNITY COLLEGE (AUCC)**

1. Diploma in Marine Mechanical Fitter - 6 months
2. Diploma in Steel Fitter - 6 months
3. Diploma in Marine Electrical Fitter - 6 months
4. Diploma in Marine Pipe Fitter - 6 months
5. Diploma in Marine Welder - 6 months

## **INDIAN COAST GUARD AND AMET UNIVERSITY COLLABORATION SHORT TERM (TRAINING) COURSE**

### **OPRC IMO Level – II Course**

The OPRC IMO Level II course is an intensive 5-day course conforming to the IMO guidelines and fine-tuned to Indian Coastline and topography. The course is a comprehensive overview of each component, no less significant than the other, of its very title, viz Oil Pollution Preparedness, Response and Cooperation. The International Convention on Oil Pollution Preparedness, Response and Cooperation 1990, mandates that all stakeholders in the oil and allied Industries have responsible designated persons in their employ who are fully capable of appreciating the complexities involved in preventing, containing and mitigating the effects of an oil spill. It has developed three model training courses aimed at the following :-

Level 1 : First Responder

Level 2 : On Scene commanders and Supervisors

Level 3 : Senior Managers of oil spill response department/organizations

**Immediate Objective of the Course:**

1. To make the participant aware of his responsibilities and equip him with sufficient knowledge to understand the complexities in a spill response and to effectively lead a spill response team on scene.
2. To appreciate local sensitivities at various regions and effectively overcome any such mitigating factors through pre-planning and to finally effect a successful spill response.
3. To identify and garner support of other local and regulatory Agencies with different areas of expertise, deployment of equipments and efficiently coordinate a spill response.
4. To be able to build a local oil spill response strategy on the most probable case spill scenario.

**Long Term Objective of the course:**

1. To build a base of knowledge workers with sufficient expertise at strategic locations along the coastline.
2. Development of the local area objectives, response priorities, and logistics requirements.
3. Development of an oil spill response strategy for worst case spill in the local area.
4. Development of local oil spill planning committee processes.
5. Development of local oil spill response strategies for other areas within the country, promoting integration of these local strategies into the national contingency plan.

Certificate is issued jointly by the Indian Coast Guard and AMET University under the Aegis of IMO.

## **RESEARCH CENTRES**

AMET University has established Three Research Centres in Marine and Allied fields to develop R & D Activities in the campus. The Faculty and the students are permitted to carry out advanced level Research & Training in these Research Centres. Many research projects being carried out in this Research Centres.

1. Centre for Marine Exploration
2. Centre for Maritime Information Services
3. Centre for Non-Destructive Evaluation

## **INTERNATIONAL RESEARCH JOURNALS PUBLISHED BY UNIVERSITY**

TWO International Research Journals have been published with 60% of the papers from International Authors with many International experts in the Editorial Board. These journals are published on Bi-Annual basis.

1. AMET International Journal of Management (AIJM)  
ISSN NO: 2231 – 6779, Website : [www.ametjournal.com](http://www.ametjournal.com), No: of Vol. released: 5
2. AMET International Maritime Research Journal (AIMRJ)  
ISSN NO: 2347 – 274X , Website : [www.amj.co.in](http://www.amj.co.in), No: of volumes released : 02
3. AMET International Journal of Physical and Chemical Sciences ISSN No.: 2395-6275
4. Journal of Marine Biosciences (JMBS) ISSN No. 2454–3519 for Printing ISSN No. 2454–3527 for Online

## **RESEARCH ACTIVITIES**

AMET University is actively pursuing the research activities of the University by focusing on the primary heads viz. Patents, Books, Publications, Research Projects and Training programmes.

The University has filed 30 Patents out of which 20 Patents were published till July 2017. 133 Books with ISBN were published by the Faculty Members from various departments of the University with different reputed Publishers. As far as the research publications are concerned, 924 Scopus / UGC indexed Journal articles including 108 High Impact Factor Journal articles were published in highly reputed SCOPUS/ UGC indexed Journals worldwide till July 2017.

To pursue research in specific areas of specialization, the University has established two research centres viz. (i) Centre for Nanotechnology; and (ii) Centre for Marine Sciences & Technology, besides the existing Three research Centres of Research already functioning in the University. The University is undertaking major projects of which two megaprojects viz. "Marine Exploration of Submerged Poompuhar & Dwarka with the financial support of Department of Science and Technology, New Delhi and another one on "AMETSAT- Nano Satellite Project" with ISRO are worthy to mention.

The Project proposal entitled "Non-destructive evaluation of irradiated steel samples using photothermal beam deflection technique" submitted by Dr. Anita R. Warriar, Assistant Professor Centre for Non Destructive Evaluation has got the approval of Board of Research in Nuclear Sciences (BRNS), Mumbai and a sum of Rs. 33.884 Lakh has been sanctioned for the execution of the project.

The Project proposal entitled "Coral recruits site suitability model with reference to calcareous algal diversity in Palk Bay India" submitted by Dr. L. Senthil Nathan, Assistant Professor Centre for Maritime Information Services has got the approval of Science and Engineering Research Board, Department of Science and Technology (DST- SERB), New Delhi and a sum of Rs. 30 Lakh has been sanctioned for the execution of the project. Under the head Training programmes, the University has received a total grant of Rs. 22.27 Lakhs from Agencies like Indian Space Research Organisation (ISRO), Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI), Chennai Port Trust, Indian National Centre for Ocean Information services (INCOIS) and Department of Science & Technology and completed all the Training Programmes successfully.

### **Faculty Research Development**

With a view to pay higher concentration in the area of research and to encourage the Faculty Members of the University to involve themselves in research activities, a Faculty Research Development Cell has been established. The Cell would assist the Faculty members to get them involved in active research and to bring out more research output in terms of research publications, undertaking Projects with the financial aids of Funding Agency, Presenting Papers at International Conferences, publication of books, etc.

The Management on its part, is also rendering its support in all manners, including incentives for every research articles published in standard journals. A team of Research Experts visits the University very often and meet the faculty members in the respective discipline and guided them in their individual research.

### **Faculty Research Output**

The Faculty members of AMET have attended a total of 211 National and international level seminars/conferences/workshops and presented a total of 171 papers. Thirty five of our Faculty members were recognized as resource persons in National and International level seminars / conferences / workshops. AMET faculty members have received 27 research awards of which 2 are from international recognitions.

A total of 59 Faculty Members are provided incentives for publications totaling Rs 775830. These 59 Faculty Members have published 219 research articles of which 126 articles are indexed in SCOPUS and 93 articles are from UGC listed journals.

### **Internal Quality Assurance Cell (IQAC)**

The IQAC of AMET was established on 13-05-2013 and is presently functioning with 21 members. The IQAC of AMET promotes the overall quality related initiatives in the University within the framework of NAAC accreditation. The IQAC has formulated detailed workplans, mode of operations and monitoring mechanisms of quality initiatives in the University. During the past academic year, the IQAC has conducted 12 meetings with different stakeholders such as parents, non-teaching staff, alumni etc. The IQAC has conducted two faculty development programmes, one Guest Lecture, one National Level Conference and one National Level Workshop during 2016-17.

As a part of its process, the IQAC has collected and analyzed the Self-evaluation Reports, Academic Performance Index of the Faculty members and graded AMET faculty under three categories (A, B and C). The IQAC has conducted Academic and Administrative Audit in the University for the academic year 2016-17 involving External Experts of high academic repute.

The IQAC has contributed to the University in entering into a Memorandum of Understanding in the area of E Learning with Sify Technologies Limited Chennai on the use of Virtual Reality based ICT technologies use in Engineering and Technology teaching learning process. Annual Progress Report of Department during October 2015-December 2016 and Annual Progress Reports of individual Faculty are being collected and reviewed by the IQAC. Faculty Members of the University were oriented to register with ORCID ID.



## ACADEMY OF MARITIME EDUCATION AND TRAINING

<i>BOOK PUBLICATION DETAILS OF ALL DEPARTMENT (2016-2017)</i>					
S. No	Department	Author details	Subject name	Year	ISBN No
1	Department of Nautical Science	Capt.K.Karthik	Ship management practices	2016	978-81-930447-6-6
2	Department of Nautical Science	capt.K.Karthick	Applied Ship operations	2016	978-81-930447-2-8
3	Department of Nautical Science	S.Nathan	A Study on Redesigning maritime education & training	2016	978-93-85434-09-9
4	GMDSS	N.Anand	Marine Communication	2016	978-81-930447-8-0
5	AMET Business School	Dr.J.Rengamani, S.K.Rakesh & M.Patchiappane	Introduction to Shipping Business	2017	978-93-86636-46-1
6	AMET Business School	Dr. B. Charith	Commercial Geography Material	2017	978-93-80430-42-2
7	AMET Business School	Dr. J.Renjamani	Retail Management	2017	978-93-85434-55-6
8	AMET Business School	M.Bina Celine Dorathy	Competitiveness of Thirupur's Exports of Hosiery products under WTO Regime	2017	978-93-85434-02-0
9	AMET Business School	Dr.S.Poongavanam	Labour Welfare measures in Textile Mills	2017	978-93-85434-10-5
10	Department of Marine Engineering	Prof. A. Viswesaran	IMO and International Convention	2017	978-93-85434-36-5
11	Department of Marine Engineering	Prof.A.Chengalath	Marine refrigeration air conditioning	2017	978-93-85434-39-6
12	Department of Marine Engineering	Prof.P.S.Sridhar	Details of Marine Diesel Engine	2017	978-93-85434-44-0
13	Department of Chemistry	Dr.S.Rajesh	General Chemistry– I	2017	978-93-86636-36-2
14	Department of Chemistry	Dr.S.Rajesh	General Chemistry– II	2017	978-93-86636-37-9
15	Department of Chemistry	Dr. V. Balasubramanian, Dr. N. Siva kumar, Dr. Ganagan Saravanan	Inorganic chemistry Laboratory manual	2017	978-93-85434-60-0
16	Department of Electrical & Electronic Engineering (Marine)	Dr.A.Kalirasu & Mr.R.Sundar	Design of Electrical Machines	2017	978-93-86636-50-8
17	Department of Electrical & Electronic Engineering (Marine)	Dr.S.V.Saravanan & T.Dhanya	Control System	2017	978-93-86636-51-5
18	Department of Electrical & Electronic Engineering (Marine)	M.Dheepak & Dr.T.Sasilatha	Handbook on Marine Communication	2017	978-93-86636-34-8
19	Department of Harbour & Ocean Engineering	L.Senthilnathan & Mohammed rajab	Sediment Transport	2017	978-93-86636-28-7
20	Department of Information Technology	G.Vennila	Data Structure and Algorithm	2017	978-93-86636-48-5
21	Department of Information Technology	Subramanian.E	OOPS with JAVA.	2017	978-93-80430-45-4
22	Department of Information Technology	Subramanian.E	Datawarehousing and Data mining	2017	978-93-80430-45-8
23	Department of Information Technology	E.Subramanian	Software Engineering	2017	978-93-85434-58-7
24	Department of Information Technology	D.Arivazhagan	A study on the impact of information & communication Technology on HR Management among sailing community in Indian subcontinent	2017	978-93-85434-06-8
25	Centre for Maritime Information Services	Dr.P.N.Sridhar & Dr.N.Manoharan	Remote Sensing and GIS for Marine System Studies	2017	978-93-80430-48-6
26	Department of English	S.Gomathy,	English Communication made easy	2017	978-93-80430-43-4

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<i>BOOK PUBLICATION DETAILS OF ALL DEPARTMENT (2016-2017)</i>					
<b>S. No</b>	<b>Department</b>	<b>Author details</b>	<b>Subject name</b>	<b>Year</b>	<b>ISBN No</b>
27	Department of Maths	G.Jenitha	Handbook of vedic mathematics Vol-2	2017	978-93-85434-64-8
28	Department of Mechanical Engineering	Dr. K. Umanath, V. Srinivas and R. Praveen Kumar	Testing of Fluid Mechanics and Machinaries	2017	978-93-85434-47-1
29	Department of Mechanical Engineering	N.Jayakumar, P.Senthilkumar & Dr.R.Rajavel	Fundamentals on Hydraulics and Pneumatics	2017	978-93-85434-98-3
30	Department of Mechanical Engineering	A.R.Sivaram & Dr. R.Rajavel	A Handbook on Refrigeration and Air conditioning	2017	978-93-85434-62-4
31	Department of Naval Architecture & off Engineering	K. Saravanakumar & Vijith P.P	Ship Design	2017	978-93-85434-54-9
32	Department of Naval Architecture & off Engineering	A.Premamandh & S. Ramasamy	Short notes on Ship Engineering Systems and Equipments	2017	978-93-85434-52-5
33	Department of Naval Architecture & off Engineering	Himanshu Uppal	General talks on Ship	2017	978-93-85434-51-8
34	Department of Naval Architecture & off Engineering	Himanshu Uppal & Vinod Vincent	CAD/CAM in Ship Building	2017	978-93-85434-50-1
35	Department of Nautical Science	Capt.K.Karthick	Work Sheets and Interpretation	2017	978-93-85434-43-3
36	Department of Physical Education	Dr.Ramkumar N R	Comparative Study on selected physical and Physiological variables Among Swimmers Sprinters	2017	978-93-85434-03-7
37	Department of Physical Education	Dr.A.Manoj kumar	Efficacy of specific packages of Football drills with and without psych up strategies on slected physical Fitnes game skill variables and playing ability among inter collegiate players	2017	978-93-85434-05-1

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## *PATENT DETAILS OF ALL DEPARTMENT (2016-2017)*

S.No	Department	Title of the Patent	Inventors	Status
1	Physics	An Innovative computerized Braille language	Dr. Suresh Sagadevan et al	Filed - Ref : 201641025929 dated 28/07/2016 & Published on 29/09/2017
2	Physics	Characterization of mechanical properties and microstructural analysis on grooved and non grooved friction welding of ASTM A335 P92/T92 steel	Dr. Suresh Sagadevan et al	Filed - Ref : 201641025943 dated 29/07/2016 & Published on 08/09/2017
3	R & D Division	Nano Materials: A Novel Application To Reduce Ship Emission	Dr. N. Manoharan et al	Filed - Ref 201641025930 dated 28/07/2016 & Published on 08/09/2017
4	Centre for Maritime Information Services	Modified structure of Oscillating water column	Dr. L. SenthilNathan et al	Filed - Ref 201641025945 dated 29/07/2016 & Published on 01/09/2017
5	Department of Chemistry	First friedel-crafts reaction on baylis-Hilman Adducts derived from nitroolefins and its applications	Dr.Nagappan Sivakumar et al	Filed - Ref 201641025926 dated 29/07/2016 & Published on 29/09/2017
6	Research Scholar	Energy efficient parallel pumping sytem in Ballast water Management for reduction of ship	Shri. D. Rajasekhar et al	Filed - Ref 201641025931 dated 28/07/2016 & Published on 29/09/2017

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<b>PUBLICATION DETAILS OF ALL DEPARTMENT (2016-2017)</b>					
<b>S.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal Name(National/ International)</b>	<b>Scopus HIF/TR/ Others</b>
1	Analysis Of Malicious Behavior Of Android Apps	Singh P., Tiwari P., Singh S.	2016	Procedia Computer Science	Scopus
2	Combined Analysis Of Support Vector Machine And Principle Component Analysis For Ids	Raja M.C., Rabbani M.M.A.	2016	Proceedings of the International Conference on Communication and Electronics Systems, ICCES 2016	Scopus
3	Integrated Role Of Sst, Par And Cdom In Summer Reef Bleaching During 2010 And 2011 Along The Lakshadweep Islands	Ranith R., Senthilnathan L., Machendiranathan M., Thangaradjou T., Saravana Kumar A., Sasamal S.K., Choudhury S.B.	2016	Current Science	Scopus
4	The Current Landscape Of The Mesenchymal Stromal Cell Secretome: A New Paradigm For Cell-Free Regeneration	Konala V.B.R., Mamidi M.K., Bhonde R., Das A.K., Pochampally R., Pal R.	2016	Cytotherapy	Scopus
5	A Conceptual Model Of Environmental, Geological And Geo-Technical Response Of Dredged Sediment Fills To Geo-Disturbances In Lowlands	Rajaraman J., Thiruvenkatasamy K., Narasimha Rao S.	2016	International Journal of GEOMATE	Scopus
6	Antibiotic Derivative As Corrosion Inhibitor For Mild Steel In Aqueous Environment	Chitra S., Anand B.	2016	Journal of Engineering and Applied Sciences	Scopus
7	Discovering Persuaded Risk Of Permission In Android Applications For Malicious Application Detection	Singh P., Singh S., Tiwari P.	2016	Proceedings of the International Conference on Inventive Computation Technologies, ICICT 2016	
8	An Empirical Research To Map The Applicants Reaction To The Selection Procedure In Terms Of The Fairness In The Hospitality Industry In Chennai	Dr Shameem, R. Jayan	2017	International Journal for Innovative Research in Multidisciplinary Field	Others
9	Drivers Of Innovative Shrm Practices In India: An Empirical Investigation	Dr Shameem, Dr B Charith,	2017	International journal of Business and administration research Review(ISSN 2348 – 0653)	Others
10	A Study On The Relationships Between Logistics And Transportation	Dr. G. Thruvasagam, Dr. D. Rajasekar,	2017	International journal of multidisciplinary educational research(ISSN : 2277 - 7881)	Others
11	An Investigation Into Strategic Hr Fit A Significant Factor For Achieving Competitive Advantage	Dr. A. Shameem	2017	International Journal of Multidisciplinary Research Review	Others
12	A Study On Stress Management Practices And Its Effect On Psychological Contract Of Employees	Dr Annie Sam and A. Shameem	2017	International journal of business and administration research review	Others

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## PUBLICATION DETAILS OF ALL DEPARTMENT (2016-2017)

S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
13	Gender Diversity: Women On Board And Corporate Social Responsibility	Dr. D. Rajasekar	2017	International journal of Research in commerce and Management	Others
14	Synthesis Of Novel Class Of (E)-N-(2-Nitro-3-Phenylallyl)Aniline Using H <sub>2</sub> SO <sub>4</sub> Derived From Baylis–Hillman Adduct	Periyasamy Amudha, Palaniappan Matheswaran, Nagappan Sivakumar, Vadivelu Balasubramanian	2017	International Journal of ChemTech Research	Others
15	Synthesis Of (E)-4-Nitro-5-Phenylpent-4-En-2-One Derived From Baylis–Hillman Adduct	Nagappan Sivakumar*, Vadivelu Balasubramanian, Mavarayan Sivakumar	2017	International Journal of ChemTech Research	Others
16	The Evaluation Of Antibacterial Activity Of The (E)-(3-Methoxy-2-Nitroprop-1-Enyl)Benzene Compounds	Periyasamy Amudha, Palaniappan Matheswaran, Nagappan Sivakumar, Vadivelu Balasubramanian	2017	International Journal of ChemTech Research	Others
17	Synthesis Of 5Z,5''Z,5''Z)-6,6',6''-(4,4',4''-Nitrilotris(Benzene-4,1-Diyl))Tris(5-Nitrohex-5-En-2-One) And (4Z,4''Z,4''Z)-Triethyl 5,5',5''-(4,4',4''-Nitrilotris(Benzene-4,1-Diyl))Tris(4-Nitropent-4-Enoate) Derived From	Nidhya. P, Margaret Clementpia, A, Sivakumar.N*	2017	International Journal of ChemTech Research	Others
18	Electrochemical, Kinetic, Antimicrobial (Mic) Studies Of Acyclic Mononuclear Schiff-Base Copper(II) Complexes	A. Vijayaraj, R. Prabu, N.Sivakumar, R.Sangeetha Kumari, V. Kaviyaranan, V.Narayanan	2017	International Journal of ChemTech Research	Others
19	The Evaluation Of antioxidant Activity Of The (2E,2'E,2''E)- 3,3',3''-(4,4',4''-Nitrilotris(Benzene-4,1-Diyl))Tris(2-Nitroprop-2-En-1-ol)	M.N.Sivakumar*, M.Sivakumar, V.Balasubramanian	2017	International Journal of ChemTech Research	Others
20	Effectiveness Of Mechanical Material Handling Equipment Safety In Construction Sites For Operation Safety And Environmental Health	Hariharan Pethaperumal and Nagappan Sivakumar*	2017	International Journal of Applied Environmental Sciences	Others
21	Comparative Analysis Of Facts Controller For Igbased Wind Farms In Grid Connected System	S. Janarthanan	2017	International Journal of Latest Technology in Engineering, Management & Applied Science (ISSN 2278-2540)	Others
22	Development In Multifunctional Robotics Design And Analysis Using Catia/Patran	Dhanya T	2017	International journal of innovative research in Technology	Others
23	Biosynthesis Of Polyhydroxyalkanoate Blends From Cassia Seed:Galactomannan And Polyhydroxybutyrate Precursors	Dr P. Sakthiselvan	2017	International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072)	Others
24	Calibration And Estimation Of Efficiency Of Geiger Muller Counter Using A Standard Radioactive Source	Vidhya Sivasailanathan, Prabhat Kumar and Suresh Sagadevan	2017	International journal of physical sciences (ISSN: 1992-1950)	Others

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<b>S.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal Name(National/ International)</b>	<b>Scopus HIF/TR/ Others</b>
25	Investigation Of Attenuation Parameters For Concrete Shielding Using Simulations Through Iterative Approach And Measurement	Vidhya Sivasailanathan, Prabhat Kumar and Suresh Sagadevan	2017	Scientific research and essays (ISSN: 1992-2248)	others
26	A Study On Stress Management Among It Professionals In Chennai	Dr. A. Shameem, S. Arun Kumar	2017	International journal of innovation research in multidisciplinary field	UGC
27	A Study On The Manufacturing Companies Implementing The Reverse Logistics Activites Pertaining Towards Customer Satisfaction Levels	Col Dr. G. Thruvasagam, Dr. D Rajasekar	2017	Researchers World –Journal of Arts and Sciences & Commerce	UGC
28	Challenges Of Women Entrepreneurs A Case Study In Vizianagaram Town Andhra Pradesh	Dr. D Rajasekar, T. Hymavathi Kumari	2017	Intercontinental Journal of marketing research review	UGC
29	Evaluation Of Stress Management Among The Higher Secondary Students With Reference To Chennai An Empirical Analysis	Dr. D Rajasekar,	2017	PARIPEX – Indian Journal of Research (ISSN 2277-8160)	UGC
30	Adopt And Implanted Suitable Customer Retaining Strategies With Reference To Ford Company, Chennai	Dr. D Rajasekar,	2017	International journal of research in engineering IT and Social Sciences (ISSN 2250-0588 )	UGC
31	E-Commerce On Logistics Service Provider- A Study On Effects	Dr. D Rajasekar,	2017	International journal of transformation in Business Management (ISSN 2454 468X)	UGC
32	Evaluate The Operating Efficiency And The Financial Performance Of The Raja Enterprises For The Period Of Five Years	Dr. D Rajasekar,	2017	International journal of advancement in social science and humanity	UGC
33	Marine Insurance Policies On Rationale Behind Exclusions- An Conceptual Analysis	Col Dr. G. Thruvasagam, Dr. D Rajasekar,	2017	International journal of professional studies (ISSN 2455-7455)	UGC
34	Enhancing Profitability Through Strengthening Tdq Triangle- A Case Of Tirupur'S Hosiery Industry	Dr.M.Bina Celine Dorathy	2017	Journal of studies in management and planning	UGC
35	Revamping The Value Chain Of Tirupur'S Hosiery Industry In The Context Of Global Competition	Dr.M.Bina Celine Dorathy	2017	Journal of studies in management and planning	UGC
36	Freight Derivatives In Shipping- A Primer	Dr.M.Bina Celine Dorathy	2017	Journal of Commerce and Management Thought	UGC

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S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
37	An Empirical Research To Map The Applicants Reaction To The Selection Procedure In Terms Of The Fairness In The Hospitality Industry In Chennai	Dr Shameem, R. Jayan	2017	International Journal for Innovative Research in Multidisciplinary Field	UGC
38	Managing Talent Intelligence For Business Success	Dr B Charith, Dr Shameem,	2017	International journal of Business and administration research Review	UGC
39	Drivers Of Innovative Shrm Practices In India: An Empirical Investigation	Dr Shameem,	2017	International journal of Business and administration research Review(ISSN 2348 – 0653)	UGC
40	Buyers Preference In Purchasing Residential Flats With Reference To Finance Financial Facilities	Dr. D. Rajasekar,	2017	Researchers world journal of arts science & commerce	UGC
41	A Study On The Relationships Between Logistics And Transportation	Dr. G. Thruvasagam, Dr. D. Rajasekar,	2017	International journal of multidisciplinary educational research(ISSN : 2277 - 7881)	UGC
42	An Analysis Of Provisions In Companies Act 2013 To Improve Corporate Governance	Dr. G. Thruvasagam, Dr. D. Rajasekar,	2017	IMPACT: International journal of research in Humanities Arts and Literature (E ISSN 2321-8878)	UGC
43	Learning Environment And Employee Selection –An Empirical Study	Dr S. Poongavanam,	2017	International journal of Management studies (ISSN 2232-1608)	UGC
44	A Study On Recruitment And Placement In Bhel	Dr S. Poongavanam,	2017	International journal of Management studies (ISSN 2232-1608)	UGC
45	Analysis On Coastal Shipping Of Containerized Cargo In Maritime Transportation –A Detailed Study	Dr. D. Rajasekar,	2017	Global Journal of research analysis (ISSN 2277-8160)	UGC
46	A Study On Employment Relation And Psychological Work Commitment At Venture Lighting India Ltd	Dr. D. Rajasekar,	2017	International education and research journal (IERJ) (ISSN 2454-9916)	UGC
47	Relationship Between Nature Of Training Experience And Employees Perception With Reference To Information Technology Industry- An Analysis	Dr. D. Rajasekar,	2017	International journal of scientific research	UGC
48	An Overview On Human Resources Training At Automobile Industry In India	Dr. Charith &	2017	International Journal of Organisational Behaviour & Management Perspective – Pezzottaite Journals (ISSN 22790950)	UGC

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S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
49	A Study On The Employee Empowerment Among Employees Of Logistics Firms In Chennai	S. Arun Kumar and A. Shameem	2017	International Journal of business and administration research review	UGC
50	An Investigation Into Strategic Hr Fit A Significant Factor For Achieving Competitive Advantage	Dr. A. Shameem	2017	International Journal of Multidisciplinary Research Review	UGC
51	Digital Challenges Of Hr Profession	Dr. A. Shameem, C. Evangeline	2017	International Journal of Organisational Behaviour & Management Perspective – Pezzottaite Journals	UGC
52	A Study On Physical Training On Inventories Audit For Fixed Assests In Dell Pvt Ltd., With Reference To Kanchipuram'S Sipcot	Dr. D. Rajasekar,	2017	EPRA- International Journal of Research and Development (ISSN 2455-7838)	UGC
53	The Performance Of Indian Ports That Handle Bulk Cargo –A Comparative Study	Dr. D. Rajasekar,	2017	EPRA- International journal of Economic and Business Review	UGC
54	An Analysis On Hr Training In It Projects In Hcl Technology	Dr. D. Rajasekar,	2017	EPRA International Journal of Multidisciplinary Research	UGC
55	A Analysis On Effective Training Practices On Worker'S Productivity In Manufacturing Companies With Special Reference To Chennai City	R. Divakaranjani, D. Rajasekar, R. Srinivasan	2017	International journal of research	UGC
56	The Degree Of Improvement In The Workforce After The Preliminary Training Period In Manufacturing Sector With Reference To Chennai City	R. Divakaranjani, D. Rajasekar,	2017	International journal of research	UGC
57	An Evaluation Of Training In Corporate World With Reference To Chennai City	R. Srivivasan, R. Divyaranjani, S. poongavanam	2017	International journal of research	UGC
58	Case Study On Inter Caste Marriage In Urban And Rural Areas Of Andhrapradesh: Patterns And Causes Faced By Woman	R. Srivivasan, R. Divyaranjani,	2017	International journal of research	UGC
59	A Study On The Job Stress Of Indian Seafarers Using Job Demand Control Attributes	Dr. J. Rengamani	2017	International journal of Business and administration research review	UGC
60	Assessment Of Job Burnout Factors Among Indian Seafarers	Dr. J. Rengamani	2017	International journal of Management and social science research review (ISSN 2349-6738)	UGC



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61	Study On The Core Competencies Of The Major Shipping Lines Through The Freight Forwarders Of Chennai	Dr. J. Rengamani	2017	International journal of multidisciplinary research review ISSN 2395-1885	UGC
62	Employee Participation In Quality Circle: Impact On Productivity, Quality And Decision Making	S. Poongavanam,	2017	International journal of Business and administration research review	UGC
63	Application Of Mobile Technology For Talent Management	A. Shameem R. Divyaranjani,	2017	International journal for innovative research in multidisciplinary field (ISSN 2455-0620)	UGC
64	Employee Engagement : A Strategic Initiative	Dr. A. Shameem	2017	International Journal of Multidisciplinary Research & Development	UGC
65	A Competitor Analysis Of Adrenalin E-Systems, Chennai	Dr. D. Rajasekar,	2017	Indian journal of Human Relations	UGC
66	Women Entrepreneurs-An Analysis On Perceptually Weak Areas And The Level Of Improvement In The Different Districts	Dr. D. Rajasekar	2017	International journal of transformation in business Management (ISSN 2454-468X)	UGC
67	Psychological Stress In Workplace: Measuring Their Performance Among Faculties In Higher Educational Institutions	Dr. D. Rajasekar	2017	International journal of development in social science and humanities	UGC
68	E- Commerce On Logistics Service Providers –A Study On Effects	Dr. D. Rajasekar	2017	International journal of research in social Science s and humanities	UGC
69	The Indian Logistic Cost And Its Overview- An Analysis	Dr. D. Rajasekar	2017	Multidisciplinary International journal	UGC
70	General Public Awareness And Customer Satisfaction Of Mutual Fund	Dr. D. Rajasekar	2017	International journal of research	UGC
71	Impact Of Brand Image On Customers Buying Behavior-An Empirical Analysis	Dr. D. Rajasekar	2017	Indian journal of Applied Research(ISSN 2249-555X)	UGC
72	Total Quality Management In Higher Education	Dr D. Rajasekar	2017	Global Journal for Research Analysis (GJRA) (ISSN 22778160)	UGC

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73	Corporate Culture And Organizational Performance An Empirical Analysis (A Comparative Analysis Of Fmcg Stores In Andhra Pradesh)	Dr. D. Rajasekar	2017	EPRA international Journal of Economic and Business review (ISSN 2347-9671)	UGC
74	A Study On The Role Of E-Banking In Current Scenario	Dr. D. Rajasekar	2017	Shanlax International Journal of Management (ISSN 2321-4643)	UGC
75	Analysis On Financial Statement With Reference Of Shipment Corporation Of India	Dr D. Rajasekar	2017	Annamalai International journal of Business studies and research	UGC
76	Gender Diversity: Women On Board And Corporate Social Responsibility	Dr. D. Rajasekar	2017	International journal of Research in commerce and Management	UGC
77	A Study On Career Development Programme In Software Industry	Dr. D. Rajasekar	2017	Journal for Studies in Management and Planning	UGC
78	A Study On Background Verification Of Employees At S.S Solutions Ltd. Bangalore	S. Poongavanam,	2017	Intercontinental journal of research in social science	UGC
79	A Study On Financial Leverage Ratio With Reference To Das Limited	S. Poongavanam,	2017	Intercontinental journal of research in social science	UGC
80	Employee Absenteeism – A Case Study On Leather Firms In Vellore	S. Poongavanam,	2017	Intercontinental journal of research in social science )	UGC
81	A Critical Evaluation On Work Related Factors In Saalim Shoe	S. Poongavanam,	2017	International journal in management and social science (UGC No.44292)	UGC
82	A Study On The Giving Up The “Secret Of Fire” The Impact Of Incentives And Self-Monitoring On Knowledge Sharing With Reference To Ashok Leyland, Hosur	Dr. D. Rajasekar	2017	EPRA International Journal of Economics and business and review (ISSN 2347-9671)	UGC
83	A Study On Financial Statement Analysis With Reference To Das Limited	Dr. S. Poongavanam	2017	IOSR Journal of Humanities and Social science	UGC
84	An Empirical Study On The Housing Finance In Emerging Economies	Dr. D. Rajasekar	2017	SELP Journal of Social Science (ISSN 0975-9999)	UGC

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85	A Study On The Perspective Tendency Towards Challenges And Problems Faced By Working Women In India	Dr. D. Rajasekar	2017	SELP Journal of Social Science (ISSN 0975-9999)	UGC
86	A Study On Causes Of Absenteeism Among Workers In Indian Corporate Sector	Dr. D. Rajasekar	2017	SELP Journal of Social Science (ISSN 0975-9999)	UGC
87	A Study On Quality Of Work Life In Brakes India, Chennai	Dr. D. Rajasekar	2017	International Journal Of research (IJCIET) (ISSN 2348-795x)	UGC
88	A Study On The Impact Of Dock Cfs In Container Handling At The Port	Dr. D. Rajasekar	2017	Journal for Studies in Management and Planning (ISSN 2395-0463)	UGC
89	Synchronization Of Solar Power With Onboard Ship Main Bus Bar Using Fpga Technique	P.Veerakumar , Ms.Dhanya.T , Dr.S.V.Saravanan. and Mr.A.K.Anand Kumar	2017	International journal of innovative research in technology	UGC
90	Analysis And Computation Of Electric And Magnetic Field In Various Configuration	S. Priya, SV, Saravanan	2017	International journal of emerging trends in engineering and development	UGC
91	Smart Car Packing	R. Elavarasi,	2017	Indian Journal of Science and Technology,	UGC
92	Phase Disposition Pwm Based Reduced Switch Reverse Voltage Multi Level Inverter	V. Karthikeyan and V. Jamuna	2017	Advances in Natural and Applied Sciences (ISSN 1995-0772)	UGC
93	Scada Based Generator Stator Water Cooling Pump Control System	P. Veerakumar , R. Sunder and M.Deepak	2017	International Journal of Advanced Trends in Engineering and Technology	UGC
94	Comparative Analysis Of Facts Controller For Ig	S. Janarthanan	2017	International Journal of Latest Technology in Engineering, Management & Applied Science (ISSN 2278-2540)	UGC
95	Analysis Of Grid Connected Dfig Based Wind Farms For Reactive Power Compensation	S.Janarthanan ,	2017	International Journal of research in applied science & Engineering Technology (ISSN 2321-9653)	UGC
96	Study Of Dfig Based Wind Turbine For Reactive Power Generation Capability	S.Janarthanan ,	2017	International Journal of Latest Technology in Engineering, Management & Applied Science (ISSN 2278-2540)	UGC

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97	Pspice Based Realization Of Single-Phase Thirteen Level Inverter Using Single Dc Source	M. Deepak,	2017	International Journal of Innovative Research In Technology	UGC
98	Atmel Microcontroller Based Indoor Surveillance Robot	Dr SV Saravanan	2017	International journal of innovative research in technology	UGC
99	Automatic Ration Dispensary	Dhanya T	2017	International	UGC
100	Development In Multifunctional Robotics Design And Analysis Using Catia/Patran	Dhanya T	2017	International journal of innovative research in Technology	UGC
101	Design Of Sea Ball For Maritime Security	SV, Saravanan	2017	Journal of advanced research in dynamical and control systems	UGC
102	Innovation Elt Curriculum And Teaching	K Manigandan, N. Santhakumar	2017	International Journal of Interdisciplinary Research in Arts and Humanities	UGC
103	Philosophical Approach Of Teacher Evaluation	K Manigandan, N. Santhakumar	2017	International journal of current research and modern education	UGC
104	Integrating Mobile Technology In Esl Classroom	K Manigandan, N. Santhakumar, B. Devi	2017	International journal of Advanced trends in Engineering and technology	UGC
105	The Importance Of English Speaking Skill And Communication Ability Of The Students	K Manigandan, N. Santhakumar, B. Devi	2017	International journal of applied and advanced scientific research	UGC
106	Effective Business Communication Makes One Successful	S. Gomathy	2017	International journal of computational research and development	UGC
107	Improving Word Power: Enhancing Vocabulary	S. Gomathy	2017	International journal of interdisciplinary research in arts and humanities (ISSN 2456-3145 )	UGC
108	Learning A New Language – Tasks Involved	S. Gomathy	2017	International Journal of Applied and Advanced Scientific Research	UGC

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109	Development On Ship Management Systems	N. Anand	2017	International Journal of research	UGC
110	Shoreline Change Studies Due To Construction Of Breakwaters At Ariyankuppam River Mouth In Puducherry – A Union Territory Of India, South India	P. Mohamed Rajab and K. Thiruvengkatasamy	2017	Indian Journal of Science and Technology,	UGC
111	Implementing Inference Revelation System For A Database	R. Kirubakaramoorthi,	2017	Indian Journal of Science and Technology,	UGC
112	An Intelligent Energy Efficient Routing Protocol For Mobile Ad-Hoc Network	D. Helan and D.Arivazhagan	2017	Indian Journal of Science and Technology,	UGC
113	Interactive Trial Room –A Solution To Reduce The Problem Of Rampant Return Of Sold Merchandise In Fashion E-Commerce Business	Sudha Misra and D. Arivazhagan	2017	Indian Journal of Science and Technology,	UGC
114	Improve The Performance Of Aodv Under Black Hole Attack In Manet	G. Vennila, D. Arivazhagan	2017	International journal of engineering research and Modern education (ISSN 2455-4200)	UGC
115	A Survey On Improving The Performance Of Dsr Protocol Under Black Hole Attack In Manet	G. Vennila, D. Arivazhagan	2017	International journal of scientific research and Modern education (ISSN 2455-5630)	UGC
116	A Survey On Performance Based Security Analysis Of Geographical Routing Protocols In Manet	Shanthi HJ, Mary Anita	2017	International journal of multidisciplinary approach and studies (ISSN 2348-537X)	UGC
117	Guidelines To Develop A New Generalized Discriminate Secure Network Model To Promote Secure And Optimal Network Communication In Institutions	K.GaneshKumar	2017	International Journal of Engineering and Technology	UGC
118	Lean Fabricating Implementation In Innovation Administration	R. Rajendr Prasad	2017	International Journal of Research (ISSN 2348-6848)	UGC
119	Conflict Management In Work Teams	R. Rajendr Prasad	2017	International Journal of Research (ISSN 2348-6848)	UGC
120	Horizontal Transfer Of Heavy Metal Resistance Plasmid From A Brahcish Waster Bacterium Pseudomonas Sp. Amet1221 To Escherichia Coli Dh5α	M. Jayaprakashvel , C. Divya Bharathi , R. Muthezhilan and A. Jaffar Hussain	2017	International Journal of Pure & Applied Biosciences	UGC

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121	Studies On Employees Emotional And Legal Behaviors Using Fuzzy Petri Nets	S. Meher Taj and A. Kumaravel	2017	Global Journal of Pure and Applied Mathematics	UGC
122	Independent Neighborhood Polynomial Of A Graph	I.Paulraj Jayasimman and J.Joseline manora	2017	Global Journal of Pure and Applied Mathematics	UGC
123	Gene Selection Using Mixed Integer Programming Problem	S.Shenbaga Ezhil	2017	Global Journal of Pure and Applied Mathematics.	UGC
124	Blasius Flow With Suction And Blowing	Prof. P. Palanichamy	2017	Global Journal of Pure and Applied Mathematics.	UGC
125	Markovian Ration Model – Two Commodities Perishable Inventory System	Dr C. Periyasamy	2017	Global Journal of Pure and Applied Mathematics	UGC
126	Study On Water Pollution Control Based On Fuzzy Cognitive Maps (Fcm)	G. Jenitha	2017	Global journal of Pure and applied mathematics	UGC
127	A Finite Population Discrete-Time Inventory System With Postponed Demands	Dr C. Periyasamy	2017	International Journal of Mathematical Archieves	UGC
128	Independent Majority Neighborhood Polynomal Of Graph	Dr. I Paulraj Jayasimman	2017	International journal of Mathematical archive	UGC
129	A Study On Tigger For Aversion To Learn Subjects By Students Using Induced Fuzzy Cognitive Maps	G. Jenitha	2017	International journal of Mathematical archive	UGC
130	Construction Of Fuzzy Petri Nets Using Data Mining Rules For Breast Cancer	S. Mehar Raj	2017	International journal of Mathematical archive	UGC
131	Intersection Graphs On Minimal Majority Dominating Sets Of A Graph	S. Veereamanikandan	2017	International Journal of Mathematical Archive	UGC
132	Learning Methodology For Effective Teaching In Fuzzy Cognitive Maps	G. Jenitha	2017	Indian journal of computer science and engineering	UGC

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133	Neighborhood Sets And Neighborhood Polynomials Of Path	Dr I Paulraj Jayasimman	2017	International journal of Mathematical Archive	UGC
134	A Study On Fuzzy Cognitive Map Structures Through Category Theory	G. Jenitha	2017	International journal for research in applied science and Engineering Technology	UGC
135	Short Term Demand Forecasting On A Pharmaceutical Product Using Fuzzy Logic	V. Srinivas	2017	Journal of Advanced Research in Dynamical and Control Systems (ISSN 1943-023x)	UGC
136	Applying Value Stream Mapping In Elevator Speed Governor Assembly	Harish Kumar. J	2017	Journal of Advanced Research in Dynamical and Control Systems (ISSN 1943-023x)	UGC
137	Economic Analysis On After Implementing Value Stream Mapping In Elevator Over Speed Governor Assembly	P. Ramanathan	2017	Journal of Advanced Research in Dynamical and Control Systems (ISSN 1943-023x)	UGC
138	Health And Safety Hazards Management In Oil And Gas Industry	Sundaram Haridoss	2017	International Journal of Engineering Research & Technology	UGC
139	Removal Of Recovery Of Phosphorus From Wastewater Using Graphene As An Absorbent	A. Balasubramanian, Rashmita Saikia, Rinki Das	2017	International Journal for Research in Applied Science & Engineering Technology	UGC
140	Box–Behnken Modelling Of Phenol Removal From Aqueous Solution Using Emulsion Liquid Membrane	A. Balasubramanian	2017	International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072)	UGC
141	A Passive Dmfc With Membrane For Diffusion Controlled Methanol Feed	A. Balasubramanian,	2017	International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072)	UGC
142	Bioprocessing And Characterization Of Polyhydroxyalkanoate Blends From Cassia Seed	Dr P. Sakthiselvan	2017	International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072)	UGC
143	Alteration Of Ift By Phase Inversion Emulsification To Enhance Recovery Of Oil Wet Limestone	MJA Prince	2017	International Journal for Research in Applied Science and Engineering Technology (IJRASET) (ISSN 2321-9653)	UGC
144	Optimizing Recovery Through Eor Surfactants On Matured Fields	MJA Prince	2017	International Journal for Research in Applied Science and Engineering Technology (IJRASET) (ISSN 2321-9653)	UGC

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145	A Review On Interfacial And Phase Behavior Applications On An Oil Wet Cores	MJA Prince	2017	International Journal for Research in Applied Science and Engineering Technology (IJRASET) (ISSN 2321-9653)	UGC
146	A Review On Planning For An Exploratory Well	MJA Prince	2017	International Journal for Research in Applied Science and Engineering Technology (IJRASET) (ISSN 2321-9653)	UGC
147	Powered Rotary Steerable System Technology	Antony Fayaz B	2017	International Journal of research in Applied Science and Engineering Technology (ISSN 2321-9653)	UGC
148	Strategies For Selection Of Artificial Lift System For Deviated Gas Wells	M Panbarasan	2017	International journal for research in applied science & Engineering Technology (ISSN 2321-9653)	UGC
149	Biosynthesis Of Polyhydroxyalkanoate Blends From Cassia Seed:	Dr P. Sakthiselvan	2017	International Research Journal of Engineering and Technology (IRJET) (ISSN: 2395-0072)	UGC
150	Effect Of Rust & Free Water On Flash Point Of Diesel And Petrol Samples	Dr A. Rajesh Kanna	2017	International journal for research in applied Science & Engineering Technology	UGC
151	Relationship Of Selected Physiological Variables With Playing Ability Among University Men Soccer Players	A.Manoj Kumar, C. Manoj	2017	International journal of current research and modern education	UGC
152	Aerobic Soccer Specific Drills On Playing Ability Among Elite And Sub Elite Soccer Players: An Effective Study	Manoj Kumar,A	2017	International journal of interdisciplinary research in arts and Humanities	UGC
153	Comparison Of Speed Among School Level Hockey Foot Ball And Cricket Players	Manoj Kumar,A	2017	International journal of current research and modern education	UGC
154	Impact Of Varied Types Of Aerobic And Anaerobic Training On Vital Capacity And Vo2 Max Among Handball Players	Ramkunar.NR	2017	Asian Journal of Applied Research	UGC
155	Plyometric Training On Agility And Leg Explosive Power Among University Level Basketball Players: An Effective Study	Ramkunar.NR	2017	Asian Journal of Multi-Disciplinary Research	UGC
156	Growth, Optical, Mechanical And Dielectric Properties Of Promising Nlo L-Serine Potassium Di Hydrogen Phosphate Single Crystals	K. Rajesh, A. Mani	2017	International Journal of Engineering Science Invention	UGC



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S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
157	Effect Of Fe Doping In Nio Semiconductor Nanoparticles And Studies On Their Structural, Magnetic And Optical Properties: Synthesized Via The Precipitation Process	K.Anandan and V. Rajendran	2017	International Journal of Advanced Trends in Engineering and Technology (IJATET) (ISSN 2456 – 4664)	UGC
158	Liner And Non Liner Optical Qualities Of L.Histidinium 2- Nitrobenzoate Nlo Crystal	K. Rajesh and P. Praveen Kumar	2017	International journal of engineering sciences & research Technology	UGC
159	Chromia (Cr2O3) Nanoparticles Synthesized By Using Cro3 Via The Facile Solvothermal Process And Their Optical Properties	K. Anandan and V. Rajendran	2017	International journal of engineering sciences & research Technology	UGC
160	Growth, Structural And Mechanical Studies Of Solution Grown Strontium Phthalate Single Crystals	M. Suresh Kumar, G. V. Vijayaraghavan & S. Krishnan	2017	International Journal of Advanced Trends in Engineering and Technology (ISSN (Online): 2456 - 4664)	UGC
161	Growth, Structural And Mechanical Studies Of Thiourea Phthalic Acid (Tpa) Single Crystals By X-Ray Powder Diffraction And Vicker'S Microhardness Testing.	M. Suresh Kumar, S. Krishnan, G.V. Vijayaraghavan	2017	International Journal of Engineering Sciences & Research Technology (ISSN 2277-9655)	UGC
162	Multifunctional Behaviour Of Magnesium/Calcium Phosphate	K. Thanigai Arul , J. Ramana Ramya2	2017	International Journal of Engineering Sciences & Research	UGC
163	Cbd Progression Of Ti-Doped Zno Thin Film Spectroscopic Characterizations	Sagadevan S., Pal K., Chowdhury Z.Z., Podder J.	2017	Journal of Materials Science: Materials in Electronics	Scopus
164	Enhanced Optical Properties Of Spherical Zirconia (Zro2) Nanoparticles Synthesized Via The Facile Various Solvents Mediated Solvothermal Process	Anandan K., Rajesh K., Rajendran V.	2017	Journal of Materials Science: Materials in Electronics	Scopus
165	Scalable Synthesis Of Cds@Graphene Nanocomposite Spectroscopic Characterizations	Sagadevan S., Pal K., Chowdhury Z.Z.	2017	Journal of Materials Science: Materials in Electronics	Scopus
166	A Facile Chemical Route Synthesis And Characterization Of Cdse/Zno Nanocomposite	Das I., Sagadevan S., Chowdhury Z.Z., Vijayan N.	2017	Journal of Materials Science: Materials in Electronics	Scopus
167	Benzyl Isobornyl Amines: A Simple And Practical Class Of Nmr Discriminating Agents For Effective Chiral Recognition Of Acids	Kannappan J., Khanvilkar A.N., Upadhyay G.M., Bedekar A.V.	2017	Tetrahedron Asymmetry	Scopus
168	Immunomodulatory Effect Of Guavarine®, Aqueous Guava Leaf Extract, On Ornamental Koi Carp Cyprinus Carpio Var. Koi L. 1758	David M., Abraham T.J., Nagesh T.S., Adikesavalu H.	2017	Journal of Applied Aquaculture	Scopus

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S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
169	Investigations On The Linear, Non-Linear And Optical Studies Of An Efficient Organobimetallic Zinc Cadmium Thiocyanate Non-Linear Optical Complex Crystal	Cynthia S., Sagadevan S., Mariappan L.	2017	Journal of Materials Science: Materials in Electronics	Scopus
170	Mapping Sites Of Reef Vulnerability Along Lagoons Of Lakshadweep Archipelago, Indian Ocean	Ranith R., Senthilnathan S., Machendiranathan M., Thangaradjou T., S.K S., S.B C.	2017	Environmental Monitoring and Assessment	Scopus
171	Photocatalytic And Antibacterial Studies Of Indium-Doped ZnO Nanoparticles Synthesized By Co-Precipitation Technique	Pradeev Raj K., Sadaiyandi K., Kennedy A., Sagadevan S.	2017	Journal of Materials Science: Materials in Electronics	Scopus
172	Managerial Approach On Handling Grievances In Construction Companies – An Empirical Study	Poongavanam S., Sundaram M.	2017	International Journal of Civil Engineering and Technology	Scopus
173	Utilization Of Polar-Current-Shell-Based Algorithm For Surface Current Extraction From Ship Borne X-Band Nautical Radar Images	Singh R.D.	2017	Journal of Engineering and Applied Sciences	Scopus
174	A Method To Extract Future Warships In Complex Sea-Sky Foundation Which May Be Virtually Invisible	Singh R.D.	2017	Journal of Engineering and Applied Sciences	Scopus
175	Framelet Transform Based Satellite Image Enhancement	Anand N.	2017	Journal of Engineering and Applied Sciences	Scopus
176	A Study On Career Advancement And Development Of Executive In Civil Construction Companies, Vellore	Poongavanam S., Sundaram M.	2017	International Journal of Civil Engineering and Technology	Scopus
177	A Survey Of Marine Pollution Based On Oil Spill, Air And Land Pollutions	Venugopal S.P.	2017	Journal of Engineering and Applied Sciences	Scopus
178	An Efficient Patient Inflow Prediction Model For Hospital Resource Management	Srikanth K., Arivazhagan D.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
179	Fabrication Of CuO Nanoparticles For Structural, Optical And Dielectric Analysis Using Chemical Precipitation Method	Sagadevan S., Pal K., Chowdhury Z.Z.	2017	Journal of Materials Science: Materials in Electronics	Scopus
180	Size, Morphology And Optical Properties Of Zirconia (ZrO <sub>2</sub> ) Nanostructures Synthesized Via The Facile Ionic Surfactant-Assisted Solvothermal Method	Anandan K., Rajesh K., Rajendran V.	2017	Journal of Materials Science: Materials in Electronics	Scopus

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<b>PUBLICATION DETAILS OF ALL DEPARTMENT (2016-2017)</b>					
<b>S.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal Name(National/ International)</b>	<b>Scopus HIF/TR/ Others</b>
181	Chemical And Structural Analysis Of Gallstones From The Indian Subcontinent	Ramana Ramya J., Thanigai Arul K., Epple M., Giebel U., Guendel-Graber J., Jayanthi V., Sharma M., Rela M., Narayana Kalkura S.	2017	Materials Science and Engineering C	Scopus
182	Coral Recruits Settlement In Gulf Of Mannar Marine Biosphere Reserve, India	Machendiranathan M., Senthilnathan L., Ranith R., Saravanakumar A., Thangaradjou T.	2017	Regional Studies in Marine Science	Scopus
183	Erratum To: Performance Analysis And Design Of Mimo-Ofdm System Using Concatenated Forward Error Correction Codes (Journal Of Central South University, (2017), 24, 6, (1322-1343), 10.1007/S11771-017-3537-2)	Agarwal A., Mehta S.N.	2017	Journal of Central South University	Scopus
184	A Chemical Synthesized Al-Doped Pbs Nanoparticles Hybrid Composite For Optical And Electrical Response	Sagadevan S., Pal K., Hoque E., Chowdhury Z.Z.	2017	Journal of Materials Science: Materials in Electronics	Scopus
185	Hydrothermal Synthesis Of Zinc Stannate Nanoparticles Spectroscopic Investigation	Sagadevan S., Singh J., Pal K., Chowdhury Z.Z., Hoque M.E.	2017	Journal of Materials Science: Materials in Electronics	Scopus
186	Structural, Dielectric And Optical Investigation Of Chemically Synthesized Ag-Doped Zno Nanoparticles Composites	Sagadevan S., Pal K., Chowdhury Z.Z., Hoque M.E.	2017	Journal of Sol-Gel Science and Technology	Scopus
187	Crystal And Optical Perfection, Linear And Nonlinear Optical Qualities Of $\beta$ Alanine $\beta$ Alaninium Picrate ( $\beta$ Al $\beta$ Ap) Single Crystal: A Promising Nlo Crystal For Optics And Photonics Applications	Rajesh K., Mani A., Anandan K., Praveen Kumar P.	2017	Journal of Materials Science: Materials in Electronics	Scopus
188	Investigation Of Unidirectional Growth And Characterization Of Nonlinear Optical L-Alaninium P-Toluenesulfonate Crystal	Thayanithi V., Rajesh K., Praveen Kumar P.	2017	Materials Research Express	Scopus
189	The Impact Of Anticancer Activity Upon Beta Vulgaris Extract Mediated Biosynthesized Silver Nanoparticles (Ag-Nps) Against Human Breast (Mcf-7), Lung (A549) And Pharynx (Hep-2) Cancer Cell Lines	Venugopal K., Ahmad H., Manikandan E., Thanigai Arul K., Kavitha K., Moodley M.K., Rajagopal K., Balabhaskar R., Bhaskar M.	2017	Journal of Photochemistry and Photobiology B: Biology	Scopus
190	Applications Of Radiobiological Using Laser Plasma X-Ray Beam	Anandan K.	2017	Indian Journal of Public Health Research and Development	Scopus
191	Employee Welfare Measures & Industrial Hygiene In Civil Construction Company - A Study	Poongavanam S., Rengamani, Srinivasan R., Prasad R.R.	2017	International Journal of Civil Engineering and Technology	Scopus
192	Mammogram Classification Based Onk-Nearest Neighbor Classifier	Kumar G., Arivazhagan A.	2017	Indian Journal of Public Health Research and Development	Scopus

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193	An Empirical Investigation About Quality Of Work Culture In Logistics Firms In Chennai	Jayan R., Shameem A.	2017	International Journal of Mechanical Engineering and Technology	Scopus
194	An Empirical Study On Civil Construction Workers Labour Welfare Facilities In Chennai	Poongavanam S., Prasad R.R., Srinivasan R., Rengamani	2017	International Journal of Civil Engineering and Technology	Scopus
195	A Study On Financial Performance Of Amana Investment	Poongavanam S., Sait M.I., Srinivasan, Rengamani	2017	International Journal of Mechanical Engineering and Technology	Scopus
196	A Study On Financial Performance Of Amana Bank	Poongavanam S., Sait M.I., Srinivasan, Rengamani	2017	International Journal of Mechanical Engineering and Technology	Scopus
197	Amana Investment And Amana Bank - A Comparative Study Between Prepublic Issue And Post-Public Issue	Poongavanam S., Sait M.I., Srinivasan, Rengamani	2017	International Journal of Mechanical Engineering and Technology	Scopus
198	Civil Construction Employees Opinion On Wage And Benefits - A Study	Poongavanam S., Viswanathan R.	2017	International Journal of Civil Engineering and Technology	Scopus
199	Experimentation On Emission Analysis Of A Compression Ignition Engine Run With Biodiesel	Sundara Raman R., Sankara Narayanan G., Manoharan N., Sendilvelan S.	2017	Rasayan Journal of Chemistry	Scopus
200	Revising The Intention Of Indulging Customer Relationship And Revenue Management In Next Of Kin With B2B And B2C	Issac S.S., Mani A.	2017	International Journal of Mechanical Engineering and Technology	Scopus
201	Highly Protected Arbitrary Biometric Key Based Electronic Accessing System	Mubashira Anjum A.	2017	Indian Journal of Public Health Research and Development	Scopus
202	Biofabrication of Aupns Using Marine Endophytic Fungus	Gopi K.	2017	Indian Journal of Public Health Research and Development	Scopus
203	Production Of Food Processes Monitoring Using Remote Supervision	Gopi K.	2017	Indian Journal of Public Health Research and Development	Scopus
204	An Environment And Ionosphere To Examining Optical And Radio Of Lightning-Related Wonders	Ashwin J.S., Manoharan N.	2017	Indian Journal of Public Health Research and Development	Scopus

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205	Decidedly Constant Biological Polymer Meadow-Consequence Transistor Feeler For Discriminatory Exposure In The Sea Surroundings	Sutha S.A.D., Srikumaran N.	2017	Indian Journal of Public Health Research and Development	Scopus
206	Fail Secure Dual Chamber Cardiac Pacemaker Mechanism With Rate Approachable Control And Cryptographic Safety	Saravanan S.V.	2017	Indian Journal of Public Health Research and Development	Scopus
207	Automatic Street Light And Monitoring System For Weather, Intruder And Emergency Speaker	Senthilnathan G.	2017	Indian Journal of Public Health Research and Development	Scopus
208	Marine Phytoplankton Recognitionbased Onk-Nearest Neighbor Classification Method	Gopi K.	2017	Indian Journal of Public Health Research and Development	Scopus
209	Analytical Method For Maritime Accident Analysis	Karpagavalli S., Balamurugan V.	2017	Indian Journal of Public Health Research and Development	Scopus
210	A Study Of Nature Conservation	Mirza M., Agnihorti N.	2017	Indian Journal of Public Health Research and Development	Scopus
211	Bio Acoustic Sources Segmentation In A Noisy Underwater Environment Using Wavelet Denoising With Ica	Ravi D., Muthezhilan R.	2017	Indian Journal of Public Health Research and Development	Scopus
212	Performance Of Electron Collisions And Plasma Chemistry From Oceanicdiesel Engine	Vaidiyanathan R., Anand B.	2017	Indian Journal of Public Health Research and Development	Scopus
213	Design And Implementation Of Digital Medical Prescription Device	Ravichandran G., Krishnamurthy M.	2017	Indian Journal of Public Health Research and Development	Scopus
214	Esterification Of Oxalic Acid With Ethanol Using Mesoporous Mgalpo4 Catalyst	Shanmugapriya T., Balasubramanian V.	2017	Indian Journal of Public Health Research and Development	Scopus
215	Reconfigurable Dipole Chaff Elements For Passive Confrontation Finding Of Chemical Agents	Sugumar S., Nayak S.K.	2017	Indian Journal of Public Health Research and Development	Scopus
216	Novel Peroxide Crosslinked Polyethylene For Cable Insulation	Dhanakodi P., Jayendran M.	2017	Indian Journal of Public Health Research and Development	Scopus

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217	Chlorophyll-A Predicting Based On Artificial Neural Network For Marine Cage Fish Farming	Sivakumar M.N.	2017	Indian Journal of Public Health Research and Development	Scopus
218	Peak Recognition Of Electrocardiogram Signals By Neural Network -A Review	Janarthanan S.	2017	Indian Journal of Public Health Research and Development	Scopus
219	A Survey Approach Offrontal Face Estimation From A Low Resolution Video Sequence	Dhanya T.	2017	Indian Journal of Public Health Research and Development	Scopus
220	A Variable Collection Regarding The Storage Space Moment Of Packaged Food In Fuzzy Association Rule Mining Structure	Gopi K.	2017	Indian Journal of Public Health Research and Development	Scopus
221	Measuring Of Fitness Trackers	Kumar A.M.	2017	Indian Journal of Public Health Research and Development	Scopus
222	Regular Discovery And Sorting Of Workout In The Health Scenario	Kumar A.M.	2017	Indian Journal of Public Health Research and Development	Scopus
223	Eliminations Of The Fluoride Content In Drinking Water By The Isotherms	Thangavel K.	2017	Indian Journal of Public Health Research and Development	Scopus
224	Design And Improvement Of A Heart Failure Management Framework For Client Interface Based On Wearable And Information Innovations	Suganthi D., Ranganathan G.	2017	Indian Journal of Public Health Research and Development	Scopus
225	Glaucoma Classification Based On Contourlet Transform	Rehman S.N., Hussain M.A.	2017	Indian Journal of Public Health Research and Development	Scopus
226	In 3.9 Ghz Mock Cracks For Hybrid Physical Chemical Vapor Declaration Of Magnesium Diboride	Gayathri S., Govindaraju K.M.	2017	Indian Journal of Public Health Research and Development	Scopus
227	Determination Of Nicotine From Tobacco	Hariharan P., Sivakumar N.	2017	Indian Journal of Public Health Research and Development	Scopus
228	The Effect Of Ultrasonic Diffusion On The Peripheral Chemistry Of Carbon Nanotubes In The Jeffamine D-230 Polyetheramine Standard	Nallakumar M., Jayendran M.	2017	Indian Journal of Public Health Research and Development	Scopus

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229	Methane Inclusion Into Fluid Fuel By Non-Symmetry Plasma Discharges	Amudha P., Matheswaran P.	2017	Indian Journal of Public Health Research and Development	Scopus
230	Concoction Component Analysis Of Electrical Treeing In Polyethylene By Micro-Infrared Spectroscopy	Mohameed Haneefa M., Jayendran M.	2017	Indian Journal of Public Health Research and Development	Scopus
231	A Novel Engraving Planarization Innovation To Rectify Non-Consistency Post Chemical Mechanical Cleaning	Mahadik S.N., Balasubramanian V.	2017	Indian Journal of Public Health Research and Development	Scopus
232	Investigations Of Transient Low And Plasma Chemistry Of Hydrocarbons-Condensable Supersonic Jet Facility	Shanmugapriya T., Balasubramanian V.	2017	Indian Journal of Public Health Research and Development	Scopus
233	Silver Extraction From Hypo Fixer Solution	Mahadik S.N., Balasubramanian V.	2017	Indian Journal of Public Health Research and Development	Scopus
234	Validating A Sign To Forecast The Chemistry Of The Fuelused In Radioisotope Power Systems	Gayathri S., Govindaraju K.M.	2017	Indian Journal of Public Health Research and Development	Scopus
235	Age Classification System By Shearlet Transform Based Gmm Classifier	Ramabhilash S.O., Singh S.K.	2017	Indian Journal of Public Health Research and Development	Scopus
236	Water And Wastewater Treatment Using Bio Filter	Hariharan P., Sivakumar	2017	Indian Journal of Public Health Research and Development	Scopus
237	Microalgal Carbonic Anhydrase- A Tool For Carbon Capture	Benedict L., Singh R.	2017	Indian Journal of Public Health Research and Development	Scopus
238	Classification Of Chemical Elements Present In Daily Materials In Orthotics And Prosthetics	Sugumar S., Nayak S.K.	2017	Indian Journal of Public Health Research and Development	Scopus
239	Gender Classification System Based On Wave Atom Transform	Sujatha V., Mary Anitha E.A.	2017	Indian Journal of Public Health Research and Development	Scopus
240	Microwave Resounding Hole As A Reactor For The Enzymatic Hydrolysis Of Sucrose	Mohameed Haneefa M., Jayendran M.	2017	Indian Journal of Public Health Research and Development	Scopus

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241	Ultra-Intense X-Rayscommunication With Substance Utilizing Nonlinear Optical Phenomena	Hariharan P., Sivakumar N.	2017	Indian Journal of Public Health Research and Development	Scopus
242	Analysis Of Breast Cancer Using Tetrolet Transform	Suvetha K., Sultana M.	2017	Indian Journal of Public Health Research and Development	Scopus
243	Biodiesel Production	Poojari A.S., Balasubramanian S.	2017	Indian Journal of Public Health Research and Development	Scopus
244	Capable Radiographic Image Recovery System Using Convolutionneural System	Suvetha K., Sultana M.	2017	Indian Journal of Public Health Research and Development	Scopus
245	Electrochemical And Sensor Based Schiff Metal Complexes Overview	Gaikwad P.R., Dave D.P.	2017	Indian Journal of Public Health Research and Development	Scopus
246	Quality In The Production Of Sugarcane Ethanol	Mohameed Haneefa M., Jayendran M.	2017	Indian Journal of Public Health Research and Development	Scopus
247	Hydroxyl Radical Rinse Water Technology Using Ozone Ultasonic And Ultraviolet Oxidation Process	Dhanakodi P., Jayendran M.	2017	Indian Journal of Public Health Research and Development	Scopus
248	Micro Bubble Creation Using Single Layer Graphene Heating Elements	Sugumar S., Nayak S.K.	2017	Indian Journal of Public Health Research and Development	Scopus
249	Hydrogen Production Via Catalytic Decomposition Of Methane	Shanmugapriya T., Balasubramanian V.	2017	Indian Journal of Public Health Research and Development	Scopus
250	Analyze Incline User Dispersal For Irritable System Collision	Suvetha K., Sultana M.	2017	Indian Journal of Public Health Research and Development	Scopus
251	Effects Of Acid Rain On Environment	Mahadik S.N., Balasubramanian V.	2017	Indian Journal of Public Health Research and Development	Scopus
252	Multifunction Mobile Robot Virtual Human	Mubashira Anjum A.	2017	International Journal of Mechanical Engineering and Technology	Scopus



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<b>S.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal Name(National/ International)</b>	<b>Scopus HIF/TR/ Others</b>
253	Structural, Optical And Dielectric Investigation Of CdFe <sub>2</sub> O <sub>4</sub> Nanoparticles	Sagadevan S., Pal K., Chowdhury Z.Z., Hoque M.E.	2017	Materials Research Express	Scopus
254	Studies On Optical And Electrical Properties Of Hafnium Oxide Nanoparticles	Jayaraman V., Sagadevan S., Sudhakar R.	2017	Journal of Electronic Materials	Scopus
255	A Study Of The Structural, Spectroscopic, And Dielectric Properties Of La <sub>2</sub> O <sub>3</sub> Doped Borate Glass	Deepa A.V., Murugasen P., Sagadevan S.	2017	Journal of Materials Science: Materials in Electronics	Scopus
256	Analysis Of Co <sub>2</sub> Photoreduction Using Au Nanoparticles On TiO <sub>2</sub> Catalyst	Mahadik S.N., Balasubramanian V.	2017	Indian Journal of Public Health Research and Development	Scopus
257	Consequences Of Unnecessary Plastic Bags On Marine Aggregation And Ecosystem Recitals	Ravi D., Muthezhilan R.	2017	Indian Journal of Public Health Research and Development	Scopus
258	Brisk Mechanized Of Oste Polymer Rf-Mems Components	Nallakumar M., Jayendran M.	2017	Indian Journal of Public Health Research and Development	Scopus
259	Fermentation And Hypoxia Ensure Colorant And Synergistic Adverse Impacts On The Evolution, Survival, And Transfiguration Of Premature Existence Phase Bivalves	Sutha S.A.D., Srikumaran N.	2017	Indian Journal of Public Health Research and Development	Scopus
260	Age Estimation Of Polymeric Insulation In Absorption Of Chemical Components	Poojari A.S., Balasubramanian V.	2017	Indian Journal of Public Health Research and Development	Scopus
261	The Effect Of Ph And Ionic Strength On Rate Of Reaction Of Plasma Albumin With Formaldehyde In Water Solution And Ethanol-Water Binary Mixtures	Mahadik S.N., Balasubramanian V.	2017	Indian Journal of Public Health Research and Development	Scopus
262	Application Of Bio-Inspired Swimming Robot For Marine Aquaculture	Ravi D., Muthezhilan R.	2017	Indian Journal of Public Health Research and Development	Scopus
263	Essential Investigation And Removal Assets Using Laserinduced Breakdown Spectroscopy In Silicone Rubber	Gayathri S., Govindaraju K.M.	2017	Indian Journal of Public Health Research and Development	Scopus
264	Arsenic Separations From Water By Using Highest Absorption Capacity	Hariharan P., Sivakumar N.	2017	Indian Journal of Public Health Research and Development	Scopus

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265	Properties Of Co <sub>0.5</sub> Cd <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> Nano Ferrite Particles Based On Structural And Magnetic	Sugumar S., Nayak S.K.	2017	Indian Journal of Public Health Research and Development	Scopus
266	Medical Image Compression Using Roi And Nroi Images	Suvetha K., Sultana M.	2017	Indian Journal of Public Health Research and Development	Scopus
267	Single Wall Carbon Nanotubes Using Polycyclic Aromatic Hydrocarbons From Environment	Amudha P., Matheswaran P.	2017	Indian Journal of Public Health Research and Development	Scopus
268	Condensable Supersonic Jet Capability For Analysis Of Temporary Low-Temperature Gas Kinetics And Plasma Chemistry Of Hydrocarbons	Dhanakodi P., Jayendran M.	2017	Indian Journal of Public Health Research and Development	Scopus
269	Hydro Treated Vegetable Oil Derived Renewable Diesel: A Technical Review	Ramanathan P., Srinivas V., Sivaram A.R., Rajavel R.	2017	International Journal of Mechanical Engineering and Technology	Scopus
270	Biological Interactions Of Endophytic Fungi And Their Applications In Various Fields	Shanmugapriya T., Balasubramanian V.	2017	Indian Journal of Public Health Research and Development	Scopus
271	Development Of MIMO-OFDM System And Forward Error Correction Techniques Since 2000S	Agarwal A., Mehta S.N.	2017	Photonic Network Communications	Scopus
272	Performance Analysis And Design Of MIMO-OFDM System Using Concatenated Forward Error Correction Codes	Agarwal A., Mehta S.N.	2017	Journal of Central South University	Scopus
273	Synthesis And Characterization Of TiO <sub>2</sub> /Graphene Oxide Nanocomposite	Sagadevan S., Pal K., Koteeswari P., Subashini A.	2017	Journal of Materials Science: Materials in Electronics	Scopus
274	A Facile Synthesis Of TiO <sub>2</sub> /SiO <sub>2</sub> /CdS-Nanocomposites And Their Optical And Electrical Properties Investigations	Sagadevan S., Pal K.	2017	Journal of Materials Science: Materials in Electronics	Scopus
275	Sources And Threats Of Chronic Tissue Loss On Coral Reefs In The Lakshadweep Islands, Indian Ocean	Ranith R.P., Senthilnathan L., Machendiranathan M., Thangaradjou T., Sasamal S., Choudhury S.B.	2017	Marine Ecology	Scopus
276	Photoinduced Heat Generation Mechanism In Ag Nanoparticles Embedded In SiO <sub>2</sub> And In SnS <sub>2</sub> Matrix	Warrier A.R., Vijayan C.	2017	AIP Conference Proceedings	Scopus

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S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
277	Changing Landscape Of Talent Management	Shameem A., Charith B., Ramachandran S.	2017	International Journal of Mechanical Engineering and Technology	Scopus
278	Human Capital Challenges: An Empirical Research	Shameem A., Charith B.	2017	International Journal of Mechanical Engineering and Technology	Scopus
279	Studies On Structural, Optical And Spectral Properties Of Europium Oxide Doped Phosphate Glasses	Shajan D., Murugasen P., Sagadevan S.	2017	Optik	Scopus
280	A Comparative Study On Lanthanum Oxide And Holmium Oxide Doped Borate Glasses	Deepa A.V., Murugasen P., Sagadevan S.	2017	Glass Physics and Chemistry	Scopus
281	In Situ Growth And Physio-Electrical Characterization Of Bis-Thiourea Cadmium- Iodide (Btci) Single Crystal	Singh P., Abdullah M.M., Sagadevan S., Ikram S.	2017	Journal of Materials Science: Materials in Electronics	Scopus
282	Chryseobacterium Sp. Pl2 And Aeromonas Hydrophila Co-Infection In Pacu, Piaractus Brachypomus (Cuvier, 1817) Fries Cultured In West Bengal, India	Jawahar Abraham T., Sarker S., Dash G., Patra A., Adikesavalu H.	2017	Aquaculture	Scopus
283	Experimental Analysis Of Exhaust Noise Using A Muffler And A Particulate Trap In A Diesel Engine	Sundara Raman R., Narayanan G.S., Manoharan N., Sendilvelan S.	2017	Rasayan Journal of Chemistry	Scopus
284	Enhancement Of Fuel Consumption And Efficiency Of The Vehicles	Elavarasi R., Senthil Kumar P.K.	2017	International Journal of Mechanical Engineering and Technology	Scopus
285	Optical And Electrical Smart Response Of Chemically Stabilized Graphene Oxide	Sagadevan S., Das I., Pal K., Murugasen P., Singh P.	2017	Journal of Materials Science: Materials in Electronics	Scopus
286	Finite Element Modal Analysis Of Composite Heavy Vehicle Chassis Using Ansys	Vinod A., Senthil Kumar P., Rajadurai B., Arun Kumar V., Leoni Ranjith Kumar S., Jayavel P., Anandha Gomathy G.R.	2017	Rasayan Journal of Chemistry	Scopus
287	Biosynthesis Of Silver Nanoparticles Using Abutilon Indicum (Link): An Investigation Of Anti-Inflammatory And Antioxidant Potential Against Carrageen Induced Paw Edema In Rats	Sri Kumaran N., Vijayaraj R.	2017	Asian Journal of Pharmaceutics	Scopus
288	Precipitation Method And Characterization Of Cobalt Oxide Nanoparticles	Prabakaran D.D.M., Sadaiyandi K., Mahendran M., Sagadevan S.	2017	Applied Physics A: Materials Science and Processing	Scopus

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<b>S.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal Name(National/ International)</b>	<b>Scopus HIF/TR/ Others</b>
289	Alleviation Of Environmental Stress In Plants: The Role Of Beneficial Pseudomonas Spp.	Rajkumar M., Bruno L.B., Banu J.R.	2017	Critical Reviews in Environmental Science and Technology	Scopus
290	Divulging The Teachers Job Satisfaction Effect On Better Work Performance	Issac S.S., Mani A.	2017	International Journal of Mechanical Engineering and Technology	Scopus
291	Connect Among Employee Engagement And Three Key Of Organisational Commitment Level - An Empirical Exploration Amid Techs	Philip P., Mani A.	2017	International Journal of Mechanical Engineering and Technology	Scopus
292	Plc Based Automatic Control For Onboard Ship Gangway Conveyor System	Veerakumar P., Dheepak M., Saravanan S.V.	2017	International Journal of Mechanical Engineering and Technology	Scopus
293	Evaluation Of Antimicrobial Activity Of Green-Synthesized Manganese Oxide Nanoparticles And Comparative Studies With Curcuminaniline Functionalized Nanoform	Haneefa M.M., Jayandran M., Balasubramanian V.	2017	Asian Journal of Pharmaceutical and Clinical Research	Scopus
294	Malware Detection In Android Application By Rigorous Analysis Of Decompiled Source Code	Tiwari P., Tere G., Singh P.	2017	Proceedings - 2nd International Conference on Computing, Communication, Control and Automation, ICCUBEA 2016	Scopus
295	A Study Of Optical, Surface Morphological And Electrical Properties Of Manganese Oxide Nanoparticles	Vijayamari A., Sadayandi K., Sagadevan S., Singh P.	2017	Journal of Materials Science: Materials in Electronics	Scopus
296	Synthesis, Growth, Spectral, Optical And Thermal Studies Of Thiourea Family Crystal: Ttpb	Subashini A., Rajarajan K., Sagadevan S.	2017	Materials Research Express	Scopus
297	Investigations On Dielectric And Impedance Properties Of M-Type Hexaferrite	Alamelu Mangai K., Tamizh Selvi K., Priya M., Rathnakumari M., Sureshkumar P., Sagadevan S.	2017	Journal of Materials Science: Materials in Electronics	Scopus
298	Study Of Wear In Chrome Plated Cylinder Liner In Two Stroke Marine Diesel Engine Lubricated By Hans Jensen Swirl Injection Principle	Jayakumar N., Mohanamurugan S., Rajavel R.	2017	Materials Today: Proceedings	Scopus
299	A Study On Consumer Behaviour Of Avin Milk Products	Poongavanam S.	2017	International Journal of Economic Research	Scopus
300	Role Of Price In Low Cost Carrier	Deeppa K., Ganapathi R.	2017	International Journal of Applied Business and Economic Research	Scopus

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<b>S.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal Name(National/ International)</b>	<b>Scopus HIF/TR/ Others</b>
301	The Influence Of Internal Locus Of Control On Personal And Job Orinted Factors	Poongavanam S.	2017	International Journal of Economic Research	Scopus
302	A Fact-Finding On Capability Of Employeesâ€™ Productivity After Training Practices In Automobile Companies With Reference To Chennai City	Shameem A., Divyaranjani R.	2017	International Journal of Economic Research	Scopus
303	Innovative Strategy For Launch Of New Brand Of Cement: A Case Study	Kumar A., Shameem A.	2017	International Journal of Civil Engineering and Technology	Scopus
304	An Empirical Study On The Going Backwards Of Reverse Logistics Trends And Practices	Rajasekar D., Bhuvaneswari K., Aruneshwar D.K.	2017	International Journal of Civil Engineering and Technology	Scopus
305	Design And Thermal Analysis Of A Rocker Arm	Sivaram A.R.	2017	Journal of Engineering and Applied Sciences	Scopus
306	Emerging Issues And New Challenges In The Mangement Of Logistics Sector-An Empirical Analysis	Rajasekar D., Bhuvaneswari K.	2017	International Journal of Economic Research	Scopus
307	Implementing Reverse Logistics Activities Into Existing Companies Systems On The Chennai Market	Rajasekar D., Bhuvaneswari K.	2017	International Journal of Applied Business and Economic Research	Scopus
308	A Study On Women Entrepreneurship Of Middle Class People In Urban And Rural Areas Of Kancheepuram	Srinivasan R., Divyaranjani R.	2017	International Journal of Economic Research	Scopus
309	An Empirical Study On Rural Banking Perspectives Towards Virudhachalam Taluk	Rajasekar D., Devi C.	2017	International Journal of Economic Research	Scopus
310	Satisfaction Level Of Salary And Reward-A Case Study Analysis With Reference To Executive In Construction Industry	Poongavanam S., Viswanathan K.	2017	International Journal of Civil Engineering and Technology	Scopus
311	Differentiation Strategy For An Emerging Port - A Case Of Kattupalli Port Under Ppp Model In India	Bina Celine Dorathy M.	2017	International Journal of Civil Engineering and Technology	Scopus
312	Estimation Of Longshore Sediment Transport Along Puducherry Coast, Eastcoast Of India; Based On Empirical Methods And Surf Zone Model	Rajab P.M., Thiruvenkatasamy K.	2017	Indian Journal of Geo-Marine Sciences	Scopus

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<b>S.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal Name(National/ International)</b>	<b>Scopus HIF/TR/ Others</b>
313	An Overview Of 3-Dimensional Angiography For Computational Fluid Dynamics	Jayakumar N.	2017	Journal of Engineering and Applied Sciences	Scopus
314	Tetrolet Transform Based Satellite Image Enhancement	Singh R.D.	2017	Journal of Engineering and Applied Sciences	Scopus
315	Telemetry Based Quality Control And Directional Wave Information Improvement In Real Time	Ravichandran P.	2017	Journal of Engineering and Applied Sciences	Scopus
316	Consumption & Satisfaction Level Of Sugar Free Sweeteners Among Diabetic Patients: An Emprical Analysis	Balaji S., Ramachandran S., Udaya Prakash N.	2017	International Journal of Economic Research	Scopus
317	Coastal Region Offshore Transportation And System	Joseph S.	2017	Journal of Engineering and Applied Sciences	Scopus
318	A Potential Finite Element Scheme For Elastic Solids	Vijayaganth G.	2017	Journal of Engineering and Applied Sciences	Scopus
319	Zero Production Maintainable Craft For Coastal Marine Shielded Regions	Kumar K.S.	2017	Journal of Engineering and Applied Sciences	Scopus
320	Synthesis And Characterization Of Cobalt Ferrite (Cofe <sub>2</sub> O <sub>4</sub> ) Nanoparticles Prepared By Hydrothermal Method	Sagadevan S., Podder J., Das I.	2017	Springer Proceedings in Physics	Scopus
321	Analyzing The Motivational Spirit Of Employees After Training Period In Mahanagar Telephone Nigam Limited (Mtnl): An Evaluation	Rajasekar D., Aruneshwar D.K.	2017	International Journal of Economic Research	Scopus
322	A Research On Effectiveness Of Training And Development On Worker'S Productivity In Automobile Manufacturing Companies With Reference To Chennai City	Divyaranjani R., Rajasekar D.	2017	International Journal of Civil Engineering and Technology	Scopus
323	Customer Options In Wealth Management With Reference To Mutual Funds, Chennai	Thiruvassagam G., Rajasekar D.	2017	International Journal of Economic Research	Scopus
324	A Statistical Analysis On Conflicting Logistics Optimization In Manufacturing Sector	Rajasekar D., Bhuvaneshwari K., Aruneshwar D.K.	2017	International Journal of Civil Engineering and Technology	Scopus

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### PUBLICATION DETAILS OF ALL DEPARTMENT (2016-2017)

S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
325	Forecasting Business Growth At Chennai Port	Lakshmi K., Kumar R.S., Ramachandran S.	2017	International Journal of Civil Engineering and Technology	Scopus
326	A Practical Investigation On Training Need Analysis Of The Employees In Probationary Period In Information Technology Sector	Rajasekar D., Aruneshwar D.K.	2017	International Journal of Applied Business and Economic Research	Scopus
327	A Study On Current Issues Of Quality Of Work Life Of Women In Micro And Macro Industries In Kancheepuram District-An Evaluation	Shameem A., Divyaranjani R.	2017	International Journal of Applied Business and Economic Research	Scopus
328	Distribution, Logistics And Management Of Channel Partners In Cement Industry	Kumar A., Shameem A.	2017	International Journal of Applied Business and Economic Research	Scopus
329	Multimedia Data Hiding Compression Algorithms – A Comparative Study	Senthil Kumar M., Mathivanan V.	2017	Journal of Advanced Research in Dynamical and Control Systems	Scopus
330	Synthesis Of Tungsten Carbide Nanoparticles By Hydrothermal Method And Its Characterization	Sagadevan S., Das I., Singh P., Podder J.	2017	Journal of Materials Science: Materials in Electronics	Scopus
331	Synthesis And Characterization Of CuInSe <sub>2</sub> Nanoparticles By Hydrothermal Method	Sagadevan S., Podder J., Das I.	2017	Springer Proceedings in Physics	Scopus
332	Sensor Based Spectacles, Waist-Belt And Footwear For Visually Impaired People	Sundar R., Madan A.T.M.	2017	International Journal of Civil Engineering and Technology	Scopus
333	Pc Based Remote Operated Underwater Vehicle For Marine Surveillance	Sundar R., Dheepak M., Kumar P.V.	2017	International Journal of Civil Engineering and Technology	Scopus
334	Measuring The Development Of Workers After Effective Training In Automobile Manufacturing Companies With Reference To Chennai City	Divyaranjani R., Rajasekar D.	2017	International Journal of Mechanical Engineering and Technology	Scopus
335	Analysis On Solar Panel Crack Detection Using Optimization Techniques	Dafny Lydia M.D., Sri Sindhu K., Gudan K.	2017	Journal of Nano- and Electronic Physics	Scopus
336	Application Of Design Thinking Techniques In Marketing Of Fashion Apparel E - Commerce	Misra S., Arivazhagan D.	2017	Indian Journal of Marketing	Scopus

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337	Economic Generation Schedule On Thermal Power System Considering Emission Using Grey Wolves Optimization	Kadali K.S., Rajaji L., Moorthy V., Viswanatharao J.	2017	Energy Procedia	Scopus
338	Application Of Wireless Sensor Networks In Real Time Patient Health Status Monitoring System	Ravichandran P.	2017	Journal of Engineering and Applied Sciences	Scopus
339	Bee Inspired Agent Based Routing Protocol-Primary User (Biabrp-Pu)	Palanisamy R., Mathivanan V.	2017	ARPN Journal of Engineering and Applied Sciences	Scopus
340	Divisive Hierarchical Bisecting Min-Max Clustering Algorithm	Johnson T., Singh S.K.	2017	Advances in Intelligent Systems and Computing	Scopus
341	Print Media Business Model In Current Situation	Narayanan V.S., Ramachandran S.	2017	International Journal of Economic Research	Scopus
342	Studies On Nanocrystalline Nickel Oxide Thin Films For Potential Applications	Sagadevan S., Rajesh S., Das I.	2017	Materials Today: Proceedings	Scopus
343	An Analysis Of Traffic, Transportation And Operations Of Nargolport, India -A Case Study	Ramachandran S., Aravindan S.	2017	International Journal of Civil Engineering and Technology	Scopus
344	A Study On The Factors Influencing The Occupational Stress Of Indian Seafarers	Rengamani J., Shameem A.	2017	International Journal of Mechanical Engineering and Technology	Scopus
345	A Study On Career Development Practices And Its Effect On Psychological Contract Of Employees	Sam A., Shameem A.	2017	International Journal of Applied Business and Economic Research	Scopus
346	The Degree Of Improvement In The Workforce After The Preliminary Training Period In Civil Construction Project Sector With Reference To Chennai City	Srinivasan R., Divyaranjani R., Rajasekar D.	2017	International Journal of Civil Engineering and Technology	Scopus
347	Enhancing The Multimedia Data Hiding Mechanism By Using "Octagonal Multimedia Compression Algorithm (Omca)"	Senthil Kumar M., Mathivanan V.	2017	Journal of Advanced Research in Dynamical and Control Systems	Scopus
348	Perception Of Fairness In Selection With Resepect To It Industry In Chennai	Jayan R., Shameem	2017	International Journal of Economic Research	Scopus



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S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
349	Experimental And Numerical Simulation Of Magnetic Pulses For Joining Of Dissimilar Materials With Dissimilar Geometry Using Electromagnetic Welding Process	Muthukumaran S., Senthil Kumar A., Arungalai Vendan S., Kudiyarasan S.	2017	International Journal of Applied Electromagnetics and Mechanics	Scopus
350	Culture Shock On Learning Of International Students In India	Selva Lakshmi V., Ramachandran S.	2017	International Journal of Economic Research	Scopus
351	Optical And Electrical Properties Of Chemical Bath Deposited Cobalt Sulphide Thin Films	Govindasamy G., Murugasen P., Sagadevan S.	2017	Materials Research	Scopus
352	Mechanical, Thermal, Linear And Nonlinear Optical Properties Of Barium L-Tartrate Single Crystal	Rajesh K., Praveen Kumar P.	2017	Materials Research Express	Scopus
353	A Novel Approach For Design And Monitor The Raw Material Handling System In A Steel Plant	Dhanya T., Saravanan S.V., Dheepak M.	2017	International Journal of Civil Engineering and Technology	Scopus
354	Cyber Tracking And Roadmap Generation Of Terrorist Recruitment In Social Media	Sankaradass V., Vijalakshmi G., Mydeen A.A.M., Umanath K., Rajkumar P.	2017	Journal of Advanced Research in Dynamical and Control Systems	Scopus
355	Experimental Investigations On The Performance Of A Solar Pond By Using Encapsulated Pcm With Nanoparticles	Sarathkumar P., Sivaram A.R., Rajavel R., Praveen Kumar R., Krishnakumar S.K.	2017	Materials Today: Proceedings	Scopus
356	A Study Of Effect Of Nanoclay On The Structural And Morphological Behavior Of Epoxy Composites [Studiul Privind Efectul Nanoargilei Asupra Caracteristicilor Structurale Åi Morfologice Ale Compozitelor Epoxidice]	Vivekanandhan C., Sampath P.S., Sagadevan S.	2017	Revista Romana de Materiale/ Romanian Journal of Materials	Scopus
357	Controllable Synthesis Of Graphene/Zno-Nanocomposite For Novel Switching	Sagadevan S., Pal K., Chowdhury Z.Z., Foley M.	2017	Journal of Alloys and Compounds	Scopus
358	Optimization Of Composite Leaf Spring Design Using Response Surface Methodology [Optimizarea Proiectării Arcurilor Cu Foi Compozite Folosind Metodologia Suprafețelor De Răspuns]	Rajesh S., Bhaskar G.B., Subash R., Pazhanivel K., Sagadevan S.S.	2017	Revista Romana de Materiale/ Romanian Journal of Materials	Scopus
359	Green Synthesis Characterization And Antimicrobial Activity Evaluation Of Manganese Oxide Nanoparticles And Comparative Studies With Salicylalchitosan Functionalized Nanoform	Muhamed Haneefa M., Jayandran M., Balasubramanian V.	2017	Asian Journal of Pharmaceutics	Scopus
360	Fuzzy Decision Support System For Evaluation And Prioritisation Of Critical Success Factors For The Development Of Agricultural Dss	Mir S.A., Padma T.	2017	International Journal of Multicriteria Decision Making	Scopus

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<b>S.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal Name(National/ International)</b>	<b>Scopus HIF/TR/ Others</b>
361	Enhanced Magnetic Properties Of Polymer-Magnetic Nanostructures Synthesized By Ultrasonication	Thanigai Arul K., Manikandan E., Murmu P.P., Kennedy J., Henini M.	2017	Journal of Alloys and Compounds	Scopus
362	Structural And Optical Absorption Studies Of Cobalt Substituted Strontium Ferrites, $\text{SrCo}_{1-x}\text{Fe}_x\text{O}_{19}$ ( $x = 0.1, 0.2 \text{ And } 0.3$ )	Alamelu Mangai K., Tamizh Selvi K., Priya M., Rathnakumari M., Sureshkumar P., Sagadevan S.	2017	Journal of Materials Science: Materials in Electronics	Scopus
363	A Study On Grievance Handling And Satisfaction Levels In R I Manufacturing Company Limited	Poongavanam S., Nisha	2017	International Journal of Mechanical and Production Engineering Research and Development	Scopus
364	Canny Junk System Based On Iot	Wilfred Shiju D.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
365	Rtl Modelling For The Cipher Block Chaining Mode (Cbc) For Data Security	Meenakshi R.K., Arivazhagan A.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
366	Execution Evaluation Of End-To-End Security Conventions In An Internet Of Things	Mishra S., Arivazhagan A.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
367	Nfc Secured Offline Password Storage	Senthil Kumar M., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
368	Design Of Android Based Smart Car	Wilfred Shiju D.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
369	Child Tracker: Presence And Location Finding System To Protect Child From Missing And Unexpected Cases	Senthilnathan G.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
370	Artificial Neural Network Based Target Recognition For Marine Search	Ramachandran	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
371	Nautical Ad-Hoc Network Application Development For Maritime Communications	Joseph S.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
372	Adjusting The Origin Of Buoyancy	Ramaswami S.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus

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S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
373	Impacts Of Average Power Factor Management Into Sharing System With Discrete Production	Ashwin J.S., Manoharan N.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
374	Denial Of Impedance For Mobile Cellular Systems	Dhanya T.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
375	A Novel Single Source Multiple Output Converter Integrating Buck-Boost And Fly Back Topology For Smmps Applications	Kalirasu A.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
376	Simulation Analysis For Consistent Path Identification To Refine The Network Lifetime	Vennila G.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
377	Tentative Route Selection Approach For Irregular Clustered Wireless Sensor Networks	Sharma M., Singh S.K.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
378	Diminishing Connectivity Failures By Auto-Reconfiguration In Wsn	Gugan K., Saravanan S.V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
379	Handheld Secured Electronic Doorstep Banking System That Allows Cash Withdrawal And Deposit Facility For Remote And Rural Areas	Kannan G.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
380	New Technique Based Peasant Multiplication For Efficient Signal Processing Applications	Sharma M., Singh S.K.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
381	Underwater Image Enhancement Using Histogram Method	Brindha J., Vijayakumar V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
382	Satellite Image Compression Based On Spiht Algorithm	Periyasamy C.	2017	Indonesian Journal of Electrical Engineering and Informatics	Scopus
383	Transformer Exchanging With Vacuum Electrical Switch	Anu Priya K.R., Sasilatha T.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
384	Implementation Of Cloud Connected Smart Plug With Energy Monitoring System	Chennakesavan C.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus

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S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
385	Smart Gas Outflow Detection And Safety Circumstance System Using Cloud Technology	Kottalanka S., Arivazhagan D.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
386	Survey Of Ict Knowledge Based Agriculture Development System	Shanthi H.J.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
387	Satellite Image Enhancement Using Dual Tree M-Band Wavelet Transform	Periyasamy C.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
388	Learning Manuscript On Power Management In Electrical Devices Using Zigbee Network	Hema K., Muralidharan S.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
389	Nfc Based Digital Innovation Technique To Eliminate Coin Shortage Problem	Paramasivam E., Arivazhagan D.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
390	Yagi-Uda Antenna For Navigational Aids Using Hfss	Ramesh P., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
391	Landsman Converter Based Particle Swarm Optimization Technique	Ramesh P., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
392	Salt Contamination Calculation In Insulators During Monsoon Using Artificial Neural Network	Singh J., Mansotra V.	2017	Indonesian Journal of Electrical Engineering and Informatics	Scopus
393	Immensely Discriminate Routing In Wireless Networks	Sujatha V., Mary Anitha E.A.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
394	Satellite Image Compression Using Roi Based Ezw Algorithm	Vinay A., Natarajan S.	2017	Indonesian Journal of Electrical Engineering and Informatics	Scopus
395	Satellite Image Denoising Using Discrete Cosine Transform	Mir S.A., Padma T.	2017	Indonesian Journal of Electrical Engineering and Informatics	Scopus
396	Run-Length Coding Algorithm Based Satellite Image Compression	Lakshmi, Mary Anita E.A.	2017	Indonesian Journal of Electrical Engineering and Informatics	Scopus

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397	Back Propagating Tree To Produce An Optimal Path To Transmit Data In A Wireless Sensor Networks	Stephen K.V.K., Mathivanan V.	2017	ARPN Journal of Engineering and Applied Sciences	Scopus
398	Analysis Of Virtual Positions Management Development Supporting Technology For Initial Results Of The Semester Of Code	Vimal Kumar Stephen K., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
399	Co-Citation Network Investigation Using Management Of Technology (Mot)	Vimal Kumar Stephen K., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
400	Geo-Spatial Information For Managing Ambiguity	Senthil Kumar M., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
401	Texture Classification Based On Empirical Wavelet Transform Using Lbp Features	Ramesh P., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
402	A Review Of Social Media: In Future	Kumar S.T.M., Singh S.K.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
403	An Advancement In Paper Receipts The Electronic Receipt Administration Framework	Vimal Kumar Stephen K., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
404	Gis Based Satellite Image Denoising Using Curvelet Transform	Sinhuja S., Saravanan S.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
405	Content Implementation Of Cloud Connected Smart Robot For Environmental And Industrial Platform	Senthil Kumar M., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
406	Direction-Finding Scheme For Multi Base Position Classification	Karpagavalli S., Balamurugan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
407	Quantization Encoding Algorithm Based Satellite Image Compression	Anand M., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
408	Eco-Friendly Synthesis Of Silver Nanoparticles From Marine Ascidian, Didemnum Psammathodes And Its In Vitro Anti-Inflammatory Properties	Sri Kumaran N., Vijayaraj R., Kumaresan M., Jayaprakashvel M.	2017	Journal of Bionanoscience	Scopus

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409	Warewise: Business Development Management Framework Based On Device-To-Device Industrial Internet Of Things	Ramesh P., Mathivanan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
410	Data Innovation Resource, Information Administration Capacity, And Aggressive Benefit: The Judicious Part Of Reserve Assurance	Archenaa J., Anitha E.M.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
411	Climate Change-Induced Heat Risks For Migrant Populations Working At Brick Kilns In India: A Transdisciplinary Approach	Lundgren-Kownacki K., Kjellberg S.M., Gooch P., Dabaieh M., Anandh L., Venugopal V.	2017	International Journal of Biometeorology	Scopus
412	Preparation And Characterization Of A Bis Thiourea Sodium Iodide (Btsi): A Potential Nlo Crystal	Subashini A., Rajarajan K., Sagadevan S., Singh P., Podder J.	2017	Journal of Thermal Analysis and Calorimetry	Scopus
413	Assorted Carrier-Variable Frequency-Random Pwm Scheme For Voltage Source Inverter	Paramasivan M., Paulraj M.M., Balasubramanian S.	2017	IET Power Electronics	Scopus
414	Classifying The Fault Type In Underground Distribution System Based On Fuzzy Logic Algorithm	Sudha M.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
415	Hybrid Approach For Water Demand Prediction Based On Fuzzy Cognitive Maps	Jenitha G.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
416	Investigation Of Process Parameters On Electrochemical Micro Machining Of Cu-Zn-Sn Alloy	Jayakumar N., Rajavel R., Sivaram A.R., Ramanathan P., Srividhya K.	2017	ARPJ Journal of Engineering and Applied Sciences	Scopus
417	Synchronous Winches To Lift The Ship And Distributed Control System To Distribute The Motor Loads For Marine Using Can Protocol	Sundar R.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
418	Analysis Of Regulated Kinase Signal Network Through Feedback Loops In Extra-Cellular Signal	Periyasamy C.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
419	Enhanced Capability, Reliability, And Productivity For Submerged Geophysical Mapping Of Unexploded Weapons	Vijayalakshmi C.H.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
420	Real Time Application Of Fourier Transforms	Shenbaga Ezhil S.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus

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421	A Study On The Infrastructural Facilities Of The Seaports In Chennai Cluster	Rajasekar D., Rengamani J.	2017	International Journal of Civil Engineering and Technology	Scopus
422	A Study On Customer Satisfaction Towards Ruler Pipes Pvt Ltd, Andrapradesh	Rajasekar D., Sudheer A.K.	2017	International Journal of Mechanical Engineering and Technology	Scopus
423	A Study On The Utilized Constructs Of Reverse Logistics Process Implementing Towards Degrees Of Logistics Operations	Thiruvassagam G., Rajasekar D.	2017	International Journal of Civil Engineering and Technology	Scopus
424	Convolutional Neural Network Based Target Recognition For Marine Search	Ashwin J.S., Manoharan N.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
425	Availability Of Network Improvement For Ship's TMS Optical Communication Range	Kumar G., Arivazhagan A.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
426	Best Communication Node Election For Well-Organized Path In Flat Topology	Nisha M., Poongavanam S.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
427	A Study On Employee Empowerment In Indian Corporate Sector	Rajasekar D., Krishna Sudheer A., Raghunatha Reddy P.	2017	International Journal of Civil Engineering and Technology	Scopus
428	A Study On The Job Satisfaction And Job Burn Out Of Indian Marine Engineers	Patchiappan M., Rengamani J.	2017	International Journal of Civil Engineering and Technology	Scopus
429	A Study On Labour Welfare Measurement In The Private Enterprises Of Ambattur Industrial Estate, Chennai	Rajasekar D., Krishna Sudheer A.	2017	International Journal of Civil Engineering and Technology	Scopus
430	Online Marine Satellite System Using Gis	Karpagavalli S., Balamurugan V.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
431	Analysis And Measurement Of Wave Guides Using Poisson Method	Sudha M., Kumaravel A.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus
432	Recent Patterns In Controlling And Monitoring System For Ships	Gaikwad P.H., Dave D.P.	2017	Indonesian Journal of Electrical Engineering and Computer Science	Scopus

## ACADEMY OF MARITIME EDUCATION AND TRAINING

<b>PUBLICATION DETAILS OF ALL DEPARTMENT (2016-2017)</b>					
<b>S.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal Name(National/ International)</b>	<b>Scopus HIF/TR/ Others</b>
433	An Improved Version Of Se-Drip Model For Data Dissipation Using Se-Small	Dafny Lydia M.D., Saravanan S.V.	2017	Proceedings - 2017 2nd International Conference on Recent Trends and Challenges in Computational Models, ICRTCCM 2017	Scopus
434	Regular Expression Based Pattern Matching For Gene Expression Data To Identify The Abnormality Gnome	Sharmila L., Sakthi U., Geethanjali A., Sagadevan S.	2017	Proceedings - 2017 2nd International Conference on Recent Trends and Challenges in Computational Models, ICRTCCM 2017	Scopus
435	A Study On Appraisal As A Positive Thinking Among Employees In Manufacturing Sectors	Poongavanam S.	2017	International Journal of Mechanical Engineering and Technology	Scopus
436	A Study On The Intensified Market Driven Management Of Research Streams Towards Reverse Logistics	Thiruvassagam G., Rajasekar D.	2017	International Journal of Mechanical Engineering and Technology	Scopus
437	Reimagining Physical Store In Digital World	Misra S., Arivazhagan D.	2017	International Journal of Civil Engineering and Technology	Scopus
438	Biological Surfactant Production By Pseudomonas Aeruginosa Atcc 9027 And Probable Application In Microbial Enhanced Oil Recovery (Meor)	Kanna R.	2017	International Journal of Civil Engineering and Technology	Scopus
439	Chemical Bath Deposition (Cbd) Of Zinc Selenide (Znse) Thin Films And Characterisation	Sagadevan S., Das I.	2017	Australian Journal of Mechanical Engineering	Scopus
440	Developing Entrepreneurial Intentions Among The Youth: An Innovative Pedagogy Based On Experiential Learning	Varghese V., Philip P.	2017	Entrepreneurship Education: Experiments with Curriculum, Pedagogy and Target Groups	Scopus
441	Effect Of Air Pollutants And Its Emission Control Strategies In Petroleum Refineries	Haridoss S.	2017	Journal of Industrial Pollution Control	Scopus
442	Study On Air Quality Management In Adyar River Basin: A Review	Haridoss S.	2017	Journal of Industrial Pollution Control	Scopus
443	Implementation Of Solar Inverter For Light Applications	Prasad R.R.	2017	Journal of Engineering and Applied Sciences	Scopus
444	Design And Analysis Of Bridge Structure Using Stadd Pro	Siddhu B.S.	2017	Journal of Engineering and Applied Sciences	Scopus



# ACADEMY OF MARITIME EDUCATION AND TRAINING

## PUBLICATION DETAILS OF ALL DEPARTMENT (2016-2017)

S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
445	Water Intensity Control Of Small-Scale Hydro-Generating Units By Fuzzy Logic	Kumar D.T.J.J.	2017	Journal of Engineering and Applied Sciences	Scopus
446	Linkage Efficiency For Exterior Vehicle'S Submerged Acoustic Modem	Ravichandran P.	2017	Journal of Engineering and Applied Sciences	Scopus
447	An Approach Direction And Position Scheme For Marine Satellite Track Projection	Anand N.	2017	Journal of Engineering and Applied Sciences	Scopus
448	Comparative Assessment Of Wiper And Conventional Tool Inserts In Dry Turning Of Aisi 310 Stainless Steel	Ramachandran P., Umanath K., Sivaram A.R., Srividhya K., Rajavel R.	2017	Journal of Advanced Research in Dynamical and Control Systems	Scopus
449	Management Of Coastal Structures Based Marine Climate Variability	Raju R.N.	2017	Journal of Engineering and Applied Sciences	Scopus
450	A Study On The Entrepreneurial Skills Among The Civil Engineering Students In Chennai	Reiigamani J.	2017	International Journal of Civil Engineering and Technology	Scopus
451	Implementation Of Ethernet Based Monitoring And Controlling Systems	Sundar R., Kalirasu A., Madhavi A.T.	2017	International Journal of Pure and Applied Mathematics	Scopus
452	A Neural Network Approach For Energy Aware Secure Virtual Backbone Network In Wsn With Mobile Sinks	Vimal Kumar Stephen K., Mathivanan V.	2017	Journal of Advanced Research in Dynamical and Control Systems	Scopus
453	Synthesis And Characterization Of Manganese Sulphide Thin Films By Chemical Bath Deposition Method	Geetha G., Murugasen P., Sagadevan S.	2017	Acta Physica Polonica A	Scopus
454	Radio Waves To Copying Compound Optical Phenomena: Wire Metamaterial Of Tailoring Diffusion Uniqueness	Singh R.D.	2017	Journal of Engineering and Applied Sciences	Scopus
455	Marine Vehicl-Economic Energy Management System Used For Diesel-Electric Marine Vessels	Kumar D.T.J.J.	2017	Journal of Engineering and Applied Sciences	Scopus
456	Women Police: Challenges Faced In Balancing Work And Life And Its Influence On Marital Status And Job Stress	Suganya V., Sasirekha V.	2017	Journal of Advanced Research in Dynamical and Control Systems	Scopus

## ACADEMY OF MARITIME EDUCATION AND TRAINING

<b>PUBLICATION DETAILS OF ALL DEPARTMENT (2016-2017)</b>					
<b>S.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal Name(National/ International)</b>	<b>Scopus HIF/TR/ Others</b>
457	An Energy Aware Secure Tree Based Virtual Backbone Network For Efficient Data Aggregation In Wireless Sensor Networks With Mobile Sinks	Vimal Kumar Stephen K., Mathivanan V.	2017	Journal of Advanced Research in Dynamical and Control Systems	Scopus
458	Design And Simulation Of Miniaturized Microstrip Patch Antennas Using Shorting Techniques For Gps Applications	Saravanan S.V., Sindhuja S.	2017	Journal of Advanced Research in Dynamical and Control Systems	Scopus
459	Sub Carrier Analysis For Qam Modulation	Shanmugasundaram S.	2017	Bulletin of Electrical Engineering and Informatics	Scopus
460	Vehicle-2-Vehicle Communication Based On Wireless Sensor Network	Sinhuja S., Saravanan S.V.	2017	Bulletin of Electrical Engineering and Informatics	Scopus
461	Statistics And Probability Of Detection In Wind Turbine Radar Clutter	Sinhuja S., Saravanan S.V.	2017	Bulletin of Electrical Engineering and Informatics	Scopus
462	A Comparative Analysis Of Cox Emissions By Road And Sea Transport	Srinivasan R., Poongavanam S.	2017	International Journal of Mechanical Engineering and Technology	Scopus
463	A Study On Coastal Container Services Operation In India	Srinivasan R., Poongavanam S.	2017	International Journal of Mechanical Engineering and Technology	Scopus
464	Stability Control Structure Of Hovercraft Prototype Utilising Pid Controller	Yenugula B.R., Zia-ur-Rahman M.	2017	Bulletin of Electrical Engineering and Informatics	Scopus
465	Smart Grid Systems Based Survey On Cyber Security Issues	Dorothy R., Sasilatha	2017	Bulletin of Electrical Engineering and Informatics	Scopus
466	Satellite Image Enhancement Using Dual Tree Complex Wavelet Transform	Periyasamy C.	2017	Bulletin of Electrical Engineering and Informatics	Scopus
467	Wireless Network For Strategic Boundary Supervision System	Priya A., Sasilatha T.	2017	Bulletin of Electrical Engineering and Informatics	Scopus
468	System On Chip Based Rtc In Power Electronics	Dorothy R., Sasilatha T.	2017	Bulletin of Electrical Engineering and Informatics	Scopus

## ACADEMY OF MARITIME EDUCATION AND TRAINING

### PUBLICATION DETAILS OF ALL DEPARTMENT (2016-2017)

S.No	Title	Author	Year	Journal Name(National/ International)	Scopus HIF/TR/ Others
469	Solar Based Z Source Inverter For High Power Application	Shanmugasundaram S.	2017	Bulletin of Electrical Engineering and Informatics	Scopus
470	Implementation Of Web-Connected Distributed Solar Farm Control System Using Can And Wi-Fi	Sundar R.	2017	Indian Journal of Environmental Protection	Scopus
471	Synthesis And Characterization Of Nife2O4, Cofe2O4 And Cufe2O4 Thin Films For Anode Material In Li-Ion Batteries	Karthigayan N., Manimuthu P., Priya M., Sagadevan S.	2017	Nanomaterials and Nanotechnology	Scopus
472	Mechanical Spacing To Investigation Of Slider Dynamics In The Slider-Lubricant Contact Management	Deepika R.M.	2017	Journal of Engineering and Applied Sciences	Scopus
473	Integrated Coastal And Ocean Management: A Global Overview	Thiruvengkatasamy K., Rahman F.	2017	Journal of Engineering and Applied Sciences	Scopus
474	Replacement Of Fine Aggregate Spent Fire Bricks Partially In Concrete	Thiruvengkatesamy K.	2017	Journal of Engineering and Applied Sciences	Scopus

## **COURSE REGULATIONS**

### **REQUIREMENTS TO COMPLETE A SEMESTER**

#### **DGS Cadets**

In order to follow DGS statutory norms, considering that the course is residential, attendance shall normally be 100%. However the students with 90% attendance could write their examination. In exceptional cases, HOD may accept the attendance of 75% and above, if HOD is satisfied that the reason for shortfall is genuine and that the cadet's performance in course has been good. Such reasons shall be recorded and be available for inspection.

#### **Non-DGS Students**

- A minimum of 75% attendance is required for students to appear for the semester examinations.
- Students with attendance between 65 and 74% can appear for the examination on approval by paying a condonation fee of Rs. 5000/-
- However, candidates with less than 65% of Attendance will not be allowed to appear for end semester examinations and they can appear only in the next schedule of Arrear Examinations after the payment of condonation fee. They are not eligible for any merit awards and related credentials.
- A student can get condonation only twice in his entire study period.

### **COURSE COMPLETION**

The students are expected to complete their courses within the stipulated time, i.e., 2 years, 3 years or 4 years as the case may be. However, they will be allowed 2 more years for PG courses, 3 more years for UG courses to complete their degree course after the regular period of study is over. In case of their failure to complete the course even after the grace time, they will be permitted to do so on approval by the Management, besides a penal fee prescribed there for from time to time.

### **ATTENDANCE AND LEAVE OF ABSENCE**

1. It shall be the duty of each student to attend regularly and punctually all the periods on all working days.
2. Attendance will be taken at the beginning of each period.
3. Students coming to the class after prayer and after the faculty arrives will be marked absent for that period.
4. Attendance calculation will be based on periods.
5. All Day-scholars should submit a leave letter prior to availing leave to the respective Mentor for the day of absence, countersigned by parent/guardian and should be sent to HOD of the Department, immediately after the following working day.

6. The hostel students should submit their leave application countersigned by the Hostel Warden/Deputy warden to the respective Mentor and should be sent it to the HOD of the Department, immediately after the following working day.
7. Every student who is absenting to the university for more than three days should submit a Medical Certificate / letter should be submitted to the Mentor on the day of rejoining and will be sent to HOD of the Department, with recommendation.

**All the above kinds of leave come within the 25% of absenteeism in the attendance criteria.**

8. Students who are representing the University in any tournament or contest or attending Conference/Seminar should obtain the prior permission of HOD and submit a letter to that effect from the concerned Faculty-in-charge within three days after their return. Students who fail to obtain the prior permission of the HOD will be marked absent for the period of participation.

## **EXAMINATION**

Assessment of student performance will be carried out through a combination of Continuous Internal Assessment and End Semester Examinations. In general, the weightage for Continuous Internal Assessment is 40% and End Semester Examinations is 60%.

## **REGISTRATION**

The students should register themselves for all the regular papers prescribed in each Semester as well as the arrear papers by paying the required fees.

### **Continuous Internal Assessment:**

Continuous Assessment is to be done internally by the concerned faculty member. The weightage assigned to continuous assessment is 40 percent and its components are follows:

#### **Pattern of Internal Marks Component**

- The internal Assessment test I & II, question paper setting and assessment are to be left to the faculty who handles the particular subject.
- The test dates around 8 to 10 days window period during which the test has to be conducted.
- The test paper has to be evaluated and marks to be submitted through the HOD to the Controller of Examination within specified date along with the signature of students.
- Third test is a Model Examination to be held as University End Semester pattern and to be conducted by the Controller of Examinations, preferably 30 days after the II Test. Paper setting and evaluation can be done internally.

The Continuous Internal Assessment marks for all the theory papers will be 40 which shall be apportioned as follows:

- Internal Test I - 4 marks
- Internal Test II - 8marks
- Model Examination - 16 marks
- Assignment - 4 marks
- Seminar/Class room interaction - 4 marks
- Attendance - 4 marks

The Continuous assessment is a permanent component which will be carried forward for Arrear Examinations also.

### **QUESTION PAPER PATTERN**

The question paper pattern from 2014-2015 onwards for all the courses –

- Section A - Objective Type questions  $10 \times 1 = 10$  marks
  - Section B - Answer in not more than 50 words  $5 \times 2 = 10$  marks
  - Section C - Either/OR pattern Answer in not more than 200 words  $5 \times 4 = 20$  marks
  - Section D - Any Two of Five questions in not more than 500 words  $2 \times 10 = 20$  marks
- Total = 60 marks

However, some special and unique subjects in Harbour and Ocean Engineering, Naval Architecture, Information Technology and Nautical Sciences have different question paper pattern. There is no Question Bank from 2013-2014 onwards for all batches.

### **ARREAR EXAMINATION**

Arrear Examinations will be conducted twice in a year i.e., each one in the months of September and February. The Examinations for the Arrear subjects will also be conducted along with the regular Semester Examinations. Students will be permitted to appear for their arrear papers irrespective of such arrear paper being of Odd or Even Semesters. They have to register for all the arrear papers by paying the required fees.

Course completed students who wish to appear for their arrear papers (i.e. those who appear for the examination after the completion of their course of study) have to pay a Registration fee of Rs.2500/- apart from the prescribed examination fee of Rs.1000/- per paper.

### **SPECIAL EXAMINATIONS**

After publication of results of final Semester Examinations, Instant Examination will be conducted for final year students within a week time for the candidates who have only two papers as arrears in the final semester.

## **REVALUATION**

Students can apply for the photocopy of their answer script on payment of Rs.200/- per paper. Such requests should be made within a week from the date of publication of results. After verification of the photocopy of the answer scripts, if any student prefers to go for revaluation, he/she can apply for the same by remitting the revaluation fee of Rs.400/- per paper.

## **CLASSIFICATION OF DEGREE AWARDED**

### **CGPA CLASSIFICATION**

- |                               |   |                              |
|-------------------------------|---|------------------------------|
| • 9.0 – 10.0                  | - | First Class - Exemplary      |
| • 7.5 and above but below 8.9 | - | First Class with Distinction |
| • 6.0 and above but below 7.4 | - | First Class                  |
| • Below 6.0                   | - | Second Class                 |

The classification First Class – Exemplary and First Class with Distinction will be awarded only for those candidates who have passed all the subjects in the first appearance as per the scheme of examinations. Other students completing through arrear examinations will be placed either in First Class or Second Class based on their marks.

## **GENERAL INSTRUCTIONS ON EXAMINATIONS**

1. Examination constitutes a very important component in any University's system and students are, therefore, advised in their own interest to abide by all the University Rules and Regulations. The University takes a very serious view of any form of examination malpractices and adequate penalty will be imposed on such students who indulge in malpractices in the examinations on the recommendations of the Committee constituted for this purpose.
2. Proper dress code as specified by the University must be followed and strict silence must be observed in the Examination Hall and the students are prohibited from loitering in the verandah or nearby the Examination Hall.
3. Students are permitted to write University Examination only with the authorized Hall Tickets. In the event of loss of Hall tickets, duplicate hall tickets could be obtained from the Controller of Examination on a written request along with a penalty of Rs.100.
4. The seating arrangement for Examination of the day will be displayed in the Notice Board.
5. Candidates are expected to be in the Examination hall 15 minutes prior to the commencement of the examinations.
6. Candidates should keep their bags only in the permitted space, away from the Examination hall.
7. Programmable Calculator, Cell Phones and written materials are not permitted inside the Examination Hall.

8. While entering the Examination Hall, candidates should produce the Hall ticket and College ID card to the Hall Superintendent at the entrance of the Hall and should be seated according to the Register Number. No candidate is permitted to alter the seating arrangement without the concurrence of the Controller of Examinations.
9. Once, the candidates occupy their respective seats, the answer Book will be supplied to them and no additional answer sheet will be given.
10. The candidates are expected to take their seat at least 10 minutes before the commencement of the examination and will not be permitted to leave the Hall till the completion of the prescribed timing for the same.
11. No candidate shall be permitted to enter the Examination hall after 30 minutes from the commencement time of the examination.
12. No candidate shall be permitted to leave the Examination Hall within 45 minutes from the commencement of the Examination.
13. Any defects, with regard to question papers could be brought for rectification to the notice of the Controller of Examination through the Head of Department only after the completion of the examination and no enquiries/requests shall be made during examination hours with regard to question paper.
14. Candidates are expected to bring their own pen, pencil and scientific calculator and will not be allowed to borrow from others in the Examination Hall.
15. Candidates are not allowed to bring books of any kind to the Hall.
16. Candidates found possession of answer books of some other candidate or any book or portion of book or manuscript paper of any description or communicating or copying with each other or communicating with any person inside or outside the Examination Hall will be construed as malpractice. Impersonator will be handed over to the appropriate authorities.
17. No separate sheet will be provided for the rough work. All rough work shall be done at the space provided at the last page of the answer paper provided.
18. Candidates are forbidden to ask any questions relating to the question paper as regard to the explanation or correction or typographical error, etc.
19. Before submitting the answer book, the candidate must verify the correctness of the Register Number entered in the title page of the answer books, university seal and signature of Hall Superintendent.
20. In order to hand over the answer book, the candidate should stand up until the Hall Superintendent collects the answer books from the candidates.
21. After handing over the answer book, the candidates should leave the examination hall immediately and shall not be loitering around the examination hall.



S.No	Nature of Malpractice	Maximum Punishment
1	The Candidates facilitating the other candidates(s) to copy from his/her answer script	Invalidating the examination of the particular subject written by the candidate. or Invalidating all the theory examinations
2	The candidate possessing any incriminating material(s) (whether used or not). For example - written or printed materials, bits of papers containing written information, writings on scale, calculator, handkerchief, dress, part of the body, Hall ticket etc.	
3	The Candidates possessing cell phone(s)/ programmable calculator(s)/any other electronic storage device(s) and containing incriminating materials (whether used or not)	
4	The Candidate possessing the answer scripts of another candidate.	Invalidating the examinations of all the theory and practical subjects of the current semester and debarred from writing in the subsequent semesters.
5	The Candidate passing his/her answerscript to another candidate.	
6	The Candidate misbehaving in the examination hall.	
7	Cases of Impersonation.	The student is debarred from continuing his/her studies and debarred from writing the examinations permanently.

The examination malpractice enquiry committee is empowered to recommend any punishment other than the above mentioned

### ANTI-RAGGING COMMITTEE

Chairman: **Col.Dr.G.Thiruvassagam** Vice-Chancellor

Members:

<b>Dr.P.Saravanan</b>	Registrar (9444893379)
<b>Mr.A.Venugopal</b>	Principal DG Courses(9444845559)
<b>Capt. R. K. Kumar</b>	HOD - Nautical Science(9940103947)
<b>Dr.R.Rajavel</b>	HOD - MechanicalEngineering(9865668650)
<b>Dr.P.N.Ananthanarayanan</b>	HOD - Petroleum Engineering (9841247407)
<b>Dr.Mrs.Kanagamani Balasubramanian</b>	HOD, English (9487577070)
<b>Mr.P.Manickam</b>	WorkshopIn-Charge
(9092997332) <b>Mr.P.Ramakrishnan</b>	Advisor (Security & Vigilance)
(9444952565)	
<b>Mr.R.Kasinathan</b>	Warden(9884112229)

**Mrs.K.Mala**  
**Inspector of Police**

Warden(9677052695)  
Kanathur(9840075542)

### **STUDENT'S DISCIPLINARY COMMITTEE**

<b>Mr.T. Mohan</b>	Dean - PG Studies &Curriculum Development
<b>Dr.P.N.Ananthanarayanan</b>	Dean - Under GraduateStudies(Other Courses)
<b>Dr. D.PadmaSubramanian</b>	Chairperson - School of ElectricalEngineering
<b>Dr.S.Ramachandran</b>	Director, AMET BusinessSchool
<b>Dr.N.R.Ramkumar</b>	Director Dept. PhysicalEducation
<b>Capt.K.Karthick</b>	Director(UCIR)
<b>Mr.Shanmugananthan</b>	Warden
<b>Mr. M. Purushothaman</b>	DutyOfficer

### **STUDENTS MESS COMMITTEE**

- Vice-Chancellor
- Chief Executive Officer
- Mr.K.Sambandam (Duty Officer)
- Mr.S.MohamedJaffar (Chef)
- Mr.MithunBalaji (1310B - III Year - B.E(M.E))
- Mr.Shiva (1390B - III Year - B.E(M.E))
- Mr.AnandPadmanaban (1326A - II Year - B.Sc(NS))
- Mr.M.Yuvaraj (1768B - I Year - B.E(M.E))
- Mr.Shubham Kumar (1737B - I Year - B.E(M.E))
- Mr.JoalserPhonse (PE280 - I Year - B.E(P.E))
- Mr.MohamedAthif (1487A - I Year - B.Sc(NS))
- Mr.C.Pradeep (1493Aa - I Year - B.Sc(NS))
- Mr.R.Arun (EE153 - III Year - B.E(EEE))
- Mr.Saranraj (NA419 - III Year - B.E(NA))
- Mr.S.Venkatesh (EE172 - III Year - B.E(EEE))
- Mr.B.GuruPrasath (1487B - II Year - B.E(M.E))
- Mr.K.Chakaravarthi (NA383 - III Year - B.E(NA))
- Mr.ArunBalaji (HE063- III Year - B.E(HE))
- Mr.S.Sanjaykanth (PE174 - III Year - B.E(PE))

### **ANTI-SEXUAL HARASSMENT COMMITTEE**

- Dr.KanagamaniBalasubramanian - HOD, Department ofEnglish - Convener

- Mrs.S.Gomathy, Asst.Professor - Training
- Mrs.N.Nancy Xavier, Head - IELTS
- Mrs.K.Mala, Residential Warden
- Ms.Aavani Ashok (1438a - II Year - BSc(NS))
- Ms.Huda.K (PE167)

#### **STAFF WELFARE COMMITTEE**

- Dr. N. Manoharan, Rector, Research
- Dr. Rengamani, Director, Faculty Development Programme
- Dr. D. Arivazhagan, Director – Centre For E-Governance
- Mr. M. Sudhagar, Assistant Registrar - Maintenance
- Mrs. K. Jayabharathi, Accounts Manager
- Dr. R. Srinivasan, AMET Business School - Coordinator

#### **NSS ADVISORY COMMITTEE**

- The Vice-Chancellor
- The Registrar
- Dr. Raja Hussain, Former NSS Coordinator, University Of Madras
- Prof. I.V.S. Ramakrishna, Professor, Dept. of Nautical Science
- Prof. BhoopathyBhaskaran, Professor, Dept. of Marine Engg.
- Dr. N.R. Ramkumar, Director, Physical Education
- Mrs.H.J.Shanthi, Asst. Professor, Dept. of Information Technology
- Mr.S.Arunkumar, Asst. Professor, AMET Business School - Programme Coordinator

### **Prof. V.B.S. RAJAN LIBRARY**

The Library has large collection of books with updated editions in different titles and volumes. The book collections are available in the field of Engineering and Technology including Marine Engineering, Nautical Science, Naval Architecture, Petroleum Engineering, Harbour & Offshore Engineering, Marine Electrical & Electronics Engineering, Biotechnology, Management Studies and Science & Humanities. The library also has back volumes of periodicals, Project Reports, Thesis and Dissertations. The Library subscribes to National and International periodicals in print as well as online databases.

### **FACILITIES**

- OPAC Facility
- Digital Knowledge Centre
- Audio-Visual Room
- Air-conditioned Reading Hall
- Reprographic Facility
- Scanning Facility

### **LIBRARY AUTOMATION**

The Library uses the popular AutoLib Library Software on Windows environment capable of handling of records. It facilitates Online Public Access Catalogue (OPAC).

### **OPAC (Online Public Access Catalogue)**

The Library has Online Public Access facility to search the availability of the required document by the user. Search can be made of Author-wise, Title-wise, Subject-wise indexes and using keywords. The Advance Search provides with more specific search for a title with Boolean operators.

### **ACCESS CARD**

The University provides with Bar-coded Identity for all the Student and Staff Members which can be utilized for Borrowing Library documents.

### **CONSULTATION CARD**

The University has Institutional Membership with the following Institutions for further knowledge needs of the users

- British Council Library (BCL)
- American Council Library (ACL)

- MALIBNET
- Anna University Library

## **VALUE ADDED SERVICES**

In order to meet the contemporary needs of the Library users, the Central Library offers the following value added services;

- Reference Services and Referral Services
- Lending Services
- Bibliographic Services
- Reprography Services
- Selective Dissemination of Information-SDI
- Current Awareness Service
- Photo Copying Service
- News Paper - Clippings Service
- Article Indexing Service
- Institutional Repository

## **DIGITAL KNOWLEDGE CENTRE**

Library has a separate section for Digital Library to facilitate the access of electronic data bases subscribed by the institution. The University subscribes to the following electronic database apart from the journals available on Open Access platform.

## **DELNET**

DELNET provides an array of facilities. DELNET'S relentless efforts in resource sharing have proved extremely effective. It has contributed a lot towards the modernisation of libraries in India.

## **AUDIO-VISUAL SECTION**

Audio-Visual section of the university Library equipped with Multimedia facilities. The Audio- Video Section provided with a Colour Television, DVD player and computer systems for effective and efficient utilization of National Programme on Technology Enhanced Learning (NPTEL) courses and the available Technical Videos, CD RoM's etc.

## **WEB & VIDEO COURSE MATERIALS**

*National Programme on Technology Enhanced Learning (NPTEL)*

*(Funded by Ministry of Human Resource Development (MHRD), Government of India)*

NPTEL provides E-learning through online Web and Video courses in Engineering, Science and Humanities streams. The mission of NPTEL is to enhance the quality of engineering education in the country by providing free online courseware.

## **DEPARTMENT OF PHYSICAL EDUCATION**

“A Sound mind in a sound body” is always desired. Sports are vital to the holistic development of young people which foster their physical, social, emotional health and thus enhancing their life skills.

Sports provides a basis for social interaction and creates a sense of belonging to the society, given the benefits that sports can offer to the community. AMET University is committed to invest in promotion and development of sports at all levels. The University is feeder channels from where outstanding sport persons should be able to emerge in future.

Physical Education is part of AMETIAN Curriculum. The Department of Physical Education is well equipped with modern infrastructure and conducting physical activities like Swimming, Basketball, Volleyball, Badminton, Table Tennis, Cricket, Kabaddi and Football etc. The Physical Education Department provides all kinds of assistance and great support for the cadets / Student's. Sports are in fact a way of life for the cadet's / students who are conscious of health fitness. Physical Education provides a learning experience, which offers a unique opportunity for problem – solving, self-expression, socialization and personality development.

AMETUNISPO is an intramural tournament conducted every year for the cadets / students in the month of December, in memory of Late Mr.G.Janakiraman, father of AMET president Dr.J.Ramachandran. Along with AMETUNISPO, Staff cricket tournament for veterens of AMET and games and sports for teaching and non teaching staff are also conducted every year.

The Sports club functioned under the eminent leadership of Vice-Chancellor Col.Dr.G.Thiruvassagam, as its President, with senior teaching staff.

Department conducts physical fitness and swimming test with one credit for selected courses, which is part of the curriculum.

AMET University has become a member of AIU (Association of Indian Universities) since 2010 and the University teams have been participating in various inter university tournaments every year and brings laurels to AMET university.

For the benefit of the Cadets and students Special Swimming Classes and Fitness Training (Gym) given under the supervision of well experienced Swimming coach and Gym Instructors.

## **DEPARTMENT OF FOREIGN LANGUAGES**

AMET University is known for offering courses and programmes which facilitate students to get employment both in India and abroad. As a part of imparting skill development and enrich knowledge in Foreign languages, University has established an exclusive Department for foreign languages.

French, Spanish, Italian, German and Chinese languages are the part of the curriculum of the courses. Well qualified and experienced faculty members are imparting these languages to all the students of the University.

## DEPARTMENT OF SOFTSKILL & PLACEMENT

Department of Soft skill & Placement came into existence in January 2010, Considering the fact that during the last decades in society the perceived importance of soft skills has increased significantly. AMET has incorporated the department of soft skills into mainstream to fortify the skills & competency of the students.

Soft skills are personal attributes that enhance individuals' interaction effective and mainly deal with behavioral competencies of the students, Interpersonal skills, Effective Communication, Positive Thinking towards life and workplace, Conflict Management, Stress Management, Time Management, Leadership, Team Building, Job Performance and career prospects.

## **ACADEMIC AND ADMINISTRATIVE AUDIT (DNV-ISO CERTIFICATION)** **QUALITY MANAGEMENT SYSTEM**

In order to provide quality education and training, AMET University is continuously upgrading its quality systems. AMET's quality system was first certified to ISO 9001:1994 in the year 1998. AMET has upgraded its quality management system and was certified to ISO 9001:2000 version in the year 2001 and was re-certified in the years 2004 and 2007. AMET's Quality Management System was revised in line with its upgraded status as UNIVERSITY and got a revised certificate in December 2008.

The scope of Quality Management System of AMET University is as follows:

**“Design, Development and conducting Maritime and Maritime related courses, programmes, examinations and assessments Short term Diploma, Undergraduate, Postgraduate, Post-sea courses and research programmes.”**

AMET University has further amended its ISO 9000 QMS, in line with the latest version i.e., ISO 9001:2008. AMET was Re-certified on 28th May 2013. AMET has completed 5 cycles of ISO 9000 certification and has entered into 6th cycle in the year 2013.

## **COMMITMENT**

AMET is committed to provide a learning environment of high order to personnel in the Maritime Industry and qualify them to be competent, skillful and professional in serving the industry worldwide.

### **This shall be achieved by:**

Ensuring availability of excellent faculty and adequate infrastructure for learning; Establishing innovative methods for enhancing the learning process; Complying with all requirements and continually improving the effectiveness of the Quality Management system.

### **Quality Policy**

AMET University is committed to provide highest quality in education and be the most preferred institution for pursuing marine and marine related courses.

AMET University conducts Internal Audits at planned intervals to determine whether the QMS is being implemented effectively. AMET University takes action to eliminate the causes of non-conformities in order to prevent recurrence. Corrective Actions are appropriate to the effects of the non-conformity encountered. AMET University determines action to eliminate the causes of potential non-conformities in order to prevent their occurrence. Preventive Actions are appropriate to the effects of the potential problems.

AMET University continually improves the effectiveness of the QMS through the use of the quality policy, quality objectives, audit results, statutory/other external authorities' inspection reports, students' feedbacks, analysis of data, corrective & preventive actions, results of course monitoring and management reviews.

### **AMET University Community College (AUCC)**

The motto of AUCC is "Educate Employ and Elevate". The educational activities are designed in line with the needs and demands of the ship building industries and community. The main objective of the college is to offer skill and job oriented course based on the perceived community demand for specific skill requirement. The college performs three major functions namely teaching, training and extension. It attempts to create a model of employment oriented education with the collaboration of various ship building and heavy engineering industries.

AUCC offers the below mentioned Diploma courses in 6 months duration

- Marine Mechanical Fitter
- Marine Steel Fitter
- Marine Pipe Fitter
- Marine Electrical Fitter
- Marine Welder
- Machine Shop Practice

Eligibility :B.E. any branch/ 3 years Polytechnic Diploma any branch/ ITI / +2.

### **AMET CENTRE FOR IELTS**

The Centre for IELTS aims at enrichment of the language and providing in depth knowledge in communicative English and the fervor to appreciate the language in its originality. The course is designed for the students who come from different cultures and speak different languages. English for International Communication course helps the students with the necessary skills, knowledge and understanding of the language which enables them to use and apply English in everyday life effectively.

An intensive IELTS exam coaching is given to the students who need to continue their study in UK as part of twinning program of AMET University and South Tyneside College-UK and City of Glasgow College-UK. Since its inception, the Centre for IELTS has catered the needs



of numerous International students from Angola, Nigeria, Yemen, Syria, Dubai, Iran, Djibouti, etc. The centre also takes care of the exam application forms and registration process. The students are sponsored by companies like NIMASA, (Nigeria), Sonangol Shipping Ltd (Angola), NYK Ship Management Pvt. Ltd. TEEKAY Shipping Pvt. Ltd, SONATIDE Marine Ltd. and UASC. More than 800 international students have been trained till date at the Centre for IELTS.

The IELTS preparation course enables the students to acquire valuable English skills and strategies for taking the IELTS exam that will make their experience much easier and give them a better score. IELTS tests the English language ability in the four major language skills; listening, reading, writing and speaking. The scores awarded are internationally recognized by the British Council, IDP: IELTS Australia and the University of Cambridge ESOL Examinations (Cambridge ESOL).



AMET University has been certified as an IELTS registration centre for the British Council and is also a Gold member of the British council IELTS Partnership Programme 2013/2014. The team comprises Ms. Nancy Xavier- Director Centre for IELTS, Mr. Johnson Thomas- IELTS Trainer, Mr. Jince Joseph (IELTS Trainer -visiting faculty).

## **E-GOVERNANCE**

E-Governance is to improve efficiency and responsiveness. The E-Governance is visible administrative office (Admission, Student detail maintenance, Examination etc...) in University Record Management System (In-house Software - URMS), in the office of the Controller of Examination, in the University Library (Integrated Library Management System), Bar code based services to student and staff, Automated Student Feedback system (about the staff), Automatic enrollment in the Placement and Training Cell, ICT based smart Class Rooms, Internet/Intranet. WiFi based e-Resources browsing, Internet labs and Audio/Video lab etc...

## **PAYMENT GATEWAY INTERFACE & ATM**

A Payment gateway is an e-commerce application service provider that authorizes credit card/ debit card for payments.

A Student can make his financial transition with the University on the website using IOB and ICICI Bank payment gateway by clicking on the 'Pay' or equivalent button, after keying in

their personal details/type of card and the reasons for the payments. The entire Process typically take 2-3 seconds. Once the payment is made it goes to the merchant account to AMET University. ICICI Payment Gateway allows Visa /Master Card of any banks Credit Card/ Debit and can be used for student fees payment or Application Form download. There are ATM's of IOB and Corporate Bank inside the University campus.

### **ELECTRONIC DATA PROCESSING (EDP) CENTRE**

Electronic Data Processing (EDP) can refer to the use of automated methods to process commercial data. Typically, this uses relatively simple, repetitive activities to process large volumes of similar information.

Role of EDP is as follows,

1. Student Application Entry, correction of address, Verification of data
2. Examination hall ticket preparation, Mark entry, processing
3. Electronic storage of certificate for verification for all courses(Short term & long term)
4. Archive of all confidential data for further reference
5. Preparation of a ID cards
6. Preparation of course completion certificates.
7. Software Maintenance
8. Preparing & printing data reports as per the Administration Requirement.



### **KNOWLEDGE NETWORKING PROGRAMME**

National Mission for Education through Information & Communication Technology (NME- ICT) Project: As per the direction from MHRD, our University signed an MoU with BSNL for providing 1Gbps internet connectivity with media convertor through Virtual Private Network(VPN) in order to enable BSNL servers to serve NPTEL content to the University. In turn our University will be connected to National Knowledge Network shortly. This project leads to dissemination of developed e-content to all Universities for Higher Education.

## **TEACHING TECHNOLOGY RESOURCE CENTER (TTRC)**

The Centre has established with an aim to provide a convenient and friendly place for Faculty and Instructors to design and develop instructional materials for the classroom and online teaching environment.

- Office for Teaching and Learning
- Computing and Information Technology
- University Library System

The Center helps teachers to develop and renovate their teaching and create effective learning environments, and offers technical support to faculty research and career planning by organizing university-wide training programs and workshops.

## **UNIVERSITY CENTRE FOR INTERNATIONAL RELATIONS (UCIR)**

UCIR department has been exclusively established to look after the welfare of International students studying at AMET University. The welfare activities includes but not limited to providing familiarization about safety and security procedures to be followed in and around the campus, familiarization about respective courses and academic curriculum, familiarization about national and regional culture, familiarization about AMET University code of conduct etc. UCIR is entrusted with the responsibility of securing residential permit to all the international students by carrying out the mandated immigration procedures. UCIR resolves international student's academic and non academic grievances thereby facilitating to their progress in academic and extracurricular activities. UCIR serves as a central point of communication for all correspondence with the sponsors of International students and the parents/guardians of individual students. International student's medical requirements are swiftly met through the functional network of UCIR. Precisely, UCIR operates as a single window system to cater to the entire needs of international students from the time of their initial entry to AMET University until their final exit.

## **GREEN CARD SYSTEM**

Under the Green Card System, Student Mentor of the Department will make entry of the month-wise class attendance and test attendance, marks obtained in the Internal Tests and University Examinations of the student along with Disciplinary action taken, etc. Parents have to attend the Parents - Teachers Meet before the end of every semester and sign in the Green Card as an acknowledgment that he/she got all details about his son/daughter. Students will not be issued Hall Tickets for the University Semester Examinations unless his /her parents attend Parents - Teachers Meet and sign in the Green Card.

## **GREEN BOX SYSTEM**

Under “Green Box System” students can very well put their letters of Grievances in the Green Box, which is available in the lounge of the University Entrance. Vice- Chancellor attends those grievances on daily basis and redress the grievances of any nature.

## **STUDENTS SAFETY INSURANCE**

All the students of the University will be given Accidental Safety Insurance Coverage. If any of those students meet out any accident, Insurance Company will meet out the hospitalization expenses and if there will be any casualty, compensation amount also will be paid.

## **EARN WHILE YOU LEARN**

Under “Earn While you Learn” programme, Meritorious and Economically backward students of the University will be allowed to work in the Library, Canteen, Computer and other Laboratories during leisure hours. Those students will be paid honorarium on hourly basis.

## **ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)**

The Entrepreneurship development cell of AMET University aims at nurturing the spirit of entrepreneurship amongst students by providing a platform for challenging minds to think out of the box and experience entrepreneurship through hands on learning.

The Entrepreneurship development cell serves as a catalyst for Entrepreneurship Information Dissemination, Space for Innovation and Idea Generation, a medium to assess opportunities for ideas and a mentoring platform. Recognizing that entrepreneurial culture can be developed only through appropriately designed activities, over the years, AMET University has organized several lectures, workshops, entrepreneurship games, real time business experience and business plan competitions for the participants to germinate as entrepreneurs and contribute to society's economic growth.

### **Objectives**

- To promote an entrepreneurial eco system on campus
- To organize lectures, panel discussions, workshops featuring entrepreneurs, professionals, government and non government officials.
- To organize, competitions to unleash the entrepreneurial potential among students.
- To collaborate with entrepreneurship promotion agencies, organizations and bodies.

## **COUNSELING CELL**

Counseling Cell aims to provide psychological and medical counseling to the students and faculty, which facilitates them to resolve their Social, Economical and psychological problems and related stress, tension etc. A Qualified counselor is available in the campus. Faculty Members of each class will provide general guidance on a regular basis, class representatives will also be allowed to discuss specific student-related problems with the teachers concerned. Students seeking advice for stress can also personally approach the mentor or the counselor. The teachers acting as mentors will look over a group of 30-40 students.

## **ECO-CLUB**

The AMET University Eco Club is an initiative taken by staff and students to create awareness about environmental issues. The Eco Club conducts various programs every year to

address the challenges faced by the environment. It has taken following measures to promote eco-friendly activities in the University:

- The Club has planted several herbal plants in the College garden.
- The Club periodically organizes trips, awareness programs which includes posters and screening films on saving environment and maintaining healthy atmosphere.
- One major activity done by the club was “BEACH-CLEANING CAMPAIGN”



## LEO CLUB

The objective of Leo Club is to provide the youth of the world (with) an opportunity for contributing to the society.

Leo Club encourages youth to develop leadership qualities by participating in social service activities. Leo Club members are addressed as “Leos”. They conduct various projects in the field of health care, for - elders, children, differently abled and on literacy and education, and for self-development. Leos can raise funds by conducting fund- raising projects. Leo Clubs are sponsored by Lions clubs and comprise an official program of the Lions clubs international.

The LEO CLUB of AMET is sponsored by LIONS CLUB of THIRUVANMIYUR.

## **BLOOD DONATION CLUB**

On 22nd February 2013-The LEO Club of AMET arranged blood donation camp in our campus. We collected around 468 units of blood from our faculty and students.



On 17th October 2013 -The LEO CLUB OF AMET organized a Mega Blood Donation Camp for which the LIONS BLOOD BANK along with the Government Blood Bank visited and assisted them. And overall of 653 units of Blood were collected and the most proud citizens on that day were the LEOS and the LIONS as they knew that collecting 653 units of Blood was not an easy task in a single day.

This is the most valuable project of LEO Club of AMET. Our university cadets donated their bloods in case during emergency.

## **PEACE CLUB**

Peace Club of AMET came into existence on 10th Feb 2014 by signing an Memorandum of Understanding with Universal Peace Federation.

The UPF is a global alliance of individuals and organizations dedicated to building a world of peace in which everyone can live in freedom, harmony, cooperation, and prosperity. UPF is guided by a vision of humanity as one global family under God, living in accordance with universal principles. As instructed by the teachings of all the great religions, we all derive our existence from a common origin and we all share a common purpose and destiny. Two core principles guide the mission and work of the UPF. The first calls for living for the sake of others, a commitment to a life of service to others. The second calls each of us to work to overcome the barriers that divide us as human beings.

The activities undertaken by the Peace Club include conducting workshops and seminars on the study of the Divine Principle and organizing relief campaigns such as Plantation drive ,Cleaning Campaigns and Educational projects for children residing in slums.The Peace Club will commemorate the UN days of Celebrations in respective Peace Club Chapters with innovative ideas ( Debates ,Poster Competition, Sports Programme).

### **AMET BAND**

AMET BAND primarily called the Marine Marshall comprises of 35 Musicians and 30 Trainee Musicians and a Band Major who leads the Band.

The Band is divided in to three sections namely the wood wing, the brass and the percussion. They are required to perform for various functions held at AMET i.e Morning parades, color ceremonies, sunset, VIP visits, passing out parades, National day celebrations, Inaugural functions etc. The cadets are selected from day one of journey AMET and undergo a selection process to join the Band. They are trained systematically through regular classes comprising of theory and practical in western music to perform with military standard. They play some popular tunes like colonel Boogey on parade, Anchors aweigh, General Carriappa, Sare Jahan Se Achea, National Anthem etc..Thier performance is often appreciated by the International and National guests visiting AMET. On completion of these courses, the Band has a passing function exclusively celebrated by Band Department presided by the Vice-Chancellor and HOD's to honour the Band cadets for their untiring work and valuable contribution they are presented with a memento and a certificate of appreciation.

### **FINE ARTS CLUB**

Fine Arts Club is functioning to identify the talents of the students in Music, Drama and other cultural capabilities, and providing training by making use of outside experts. Required equipments are also being provided to enrich their performance. Students are performing the fine arts programmes during the student's annual cultural events and on many occasions. Very often students are participating in the National and International cultural events of various organizations and obtaining awards and certificates. There is a professor in charge to co-ordinate the activities of Fine Arts club.

### **AMET ALUMNI ASSOCIATION**

Former students of AMET University who had been on the rolls of the University are eligible for membership of the Association. The objective of the Association is to maintain among the members an active interest in the welfare of their Alma Mater. Students leaving the University after completion of their courses are requested to become members. They are requested to register their names through the Alumni Website. Registration Fee of Rs.1000/- to be paid by Alumnus to become a member.

Benefits to be extended to the Members are as follows,

- Fee concession of 20% for pursuing higher degree courses in the University both in regular and on-line mode.
- Fee concession of 15% also for their siblings/wards seeking admissions in the AMET University.
- Can avail 2 days free accommodation in the University Guest House for specific purposes.
- Shall be provided with University Journals at free of cost
- Shall be invited to deliver special lectures on selected topics to the present students
- Shall be invited to the annual Alumni Association Meet

**List of Office Bearers of AMET Alumni Association**

Chief Patron : Dr.J.Ramachandran, President, AMET Trust

Patron :Col.Dr.G.Thiruvassagam, Vice-Chancellor, AMET University

Faculty Coordinator :Prof.BhoopathyBhaskaran, Professor, Marine Engg

S.No	Names	Course /Batch	Passed out year	Position	Tel. No	Email ID
1.	Mr.NakulMalhotra	HND-ME –1st	1994	President	9892300450	nakul.Malhotra@wilhelmsen.com
2.	Mrs.V.SangeethaAlbin	MBA	2007	Working President	9962603081	sangeetha.amet@gmail.com
3.	Mr.Piyush Jain	HND-ME –1st	1994	Vice-President	9818903850	mrpiyushjain@rediffmail.com
4.	Mr.Kannan	MBA	2003	Vice-President	+971 556099644	kannan.chandran@outlook.com
5.	Mr.G.Senthil Kumar	BE-ME – 2nd	2006	Vice-President	9789837617	senthilkumar_0208@yahoo.co.in
6.	Mr.Gautam Kumar	B.Sc.-NS-7th	2011	Vice-President	9600124690	goutham8191@gmail.com
7.	Mr.Premraj	BE-EEE –2nd	2013	Vice-President	9840295855	zuby1905@gmail.com
8.	Mr.Vidyuth Narayanan	B.Sc.-NS– 3rd	2007	General Secretary	9952034805	vidyuthnarayan159@hotmail.com



### **BOARDS OF STUDIES**

1. There shall be one Board of Studies for each Department of AMET.
2. The Board of Studies of each faculty/department shall consist of –
  - a) Dean of Faculty/Head of the Department -Chairperson
  - b) All Professors of the Faculty/Department
  - c) Two Associate Professors of the Faculty/Department by rotation of seniority
  - d) Two Assistant Professors of the Faculty/Department by rotation of seniority
  - e) Not more than 2 persons to be co-opted for their expert knowledge including those belong to the profession or industry concerned
  - f) Such other Expert/s whom the Board deems fit to invite for specific purposes at Meetings.
3. The following shall ordinarily be the functions of the Board of Studies –
  - a) It shall be the duty of each Board of Studies to consider on any matter referred to it by the Authorities of AMET namely the Board of Management, the Academic Council or the faculty concerned with the subject with which it deals.
  - b) Each Board of Studies shall have power to recommend to the Vice-Chancellor persons suitable for appointment as examiners in the subject with which it deals, to decide on Text Books and Reference Books, and where necessary to consult Specialists who are not members of the Board in regard to courses of study and examinations in the subject with which it deals and also to prescribe syllabi and necessary regulations, for approval of the Academic Council.
  - c) The meetings of the Board of Studies can be convened by the Registrar as per the instructions of the Vice-Chancellor, in consultation with Chairman of the Board at least once a year or as and when required on the request of the Members of the Board for the specified reasons like dealing with the syllabus etc.,
  - d) The Chairman shall preside over all the meetings of the Board of Studies and the quorum of the meeting shall be one third of the members of the Board. In the absence of the Chairman the members of the Board shall elect one among them as Chairman of that meeting.

## **RULES AND REGULATIONS FOR THE STUDENTS**

The following Rules and Regulations are to be strictly followed by all the students in order to maintain absolute discipline in the class room as well as in the campus to maintain the reputation of the UNIVERSITY.

- To conduct yourselves in the Campus, Hostels and in other premises of the University in a dignified and courteous manner.
- To follow decent and appropriate dressing manners in classroom and outside.
- To access all educational opportunities and benefits available at the Campus and make good use of them.
- To keep a low profile and avoid loud conversations or arguments.
- To avoid public demonstrations and other civil disturbances.
- To pay extra attention to your surroundings especially when you are off- campus.
- To carry an identity card issued by the University when you go outside the campus, do not forget to carry copies of your passport as well as a copy of the residential permit issued by the Office of the Foreigners' Registration Office.
- To be studious and devoted to your objective of completion of your course, with distinction.
- To participate in all fire drill / demo of fire extinguishers.
- To respect the cultural and social values nurtured and followed by people of this country.
- Do not walk alone after dark and avoid unlit areas.
- Do not carry more cash than you need and stay away from strangers in any cash / banking transactions.
- Do not discuss travel plans or other personal matters with strangers.
- Do not involve in activities considered as ragging which is a criminal offence.
- Do not possess or use weapons, explosives or anything that causes injury / damage to the life and limb or body of any human being or property
- Do not indulge in any conduct which leads to lowering of the esteem of the University
- Smoking is prohibited within all AMET University buildings and hostels.

- Any act within the campus or in the hostels that may violate or spoil the academic atmosphere in the University will not be tolerated. Students found guilty of such offences will be dismissed with immediate effect.
- Anti-social and anti-national activities, misbehavior, violence and unethical activities will be dealt with in accordance with State and Central Laws in force. AMET University will not take responsibility for any criminal acts committed inside or outside the campus by the international students.
- Do not tamper with firefighting equipment / alarm panels / fire hydrant hose pipe and systems, since they are provided only for safety and making damage to them will be construed as criminal offence.
- Do not enter into any arguments / disobey the instructions of Duty Officers/ Wardens.
- Do not remain in the Hostel during University hours. Entry into hostel during University hours is not permitted.
- Absentees without prior permission will be severely dealt with as per the prevailing rules.
- Students should be present in the class room at least five minutes prior to the starting of the class. Students coming late will not be permitted to sit in the class room.
- Students are to be present themselves with smart turnout.
- Male cadets are not permitted to wear ear rings / nose stud etc.
- During the stay at AMET University, electronic gadgets like cell phones, iPods, Walkman, etc., or any other such things are not allowed in the classrooms, library, examination halls, etc.
- Class leader is required to call the faculty if he is not present in the class on time.
- All the students are to bring their own text books, note books and other instruments as necessary for the subjects. Borrowing of any kind is not permitted.
- The Class Leaders and Cadet Captains are to maintain absolute discipline in the class room at all times even if faculty is not available for any reason.
- Proper mark of respect should be given when the faculty or other teaching staff entering the class room.
- Students are required to maintain strict audience at the time of lecture hours.
- Students are to prepare and attend all class tests without fail whenever the faculty informs them. Submission of assignments to be made on time. Failing to do so will result in imposing of penalty. Plagiarism of any kind is strictly not permitted.
- Academic performance along with general behavior reports of the students will be sent to their sponsors / parents / guardians periodically.

- HND Cadets are to pass all their Learning Outcomes in order to proceed to UK for further part of studies. Hence they are expected to pass in their outcomes in the first attempt. However, second attempt may be permitted at the discretion of the concerned faculty with the payment of Rs.500/- for each subject. Third attempt may be permitted at the sole discretion of the Academic committee. However, a fee of Rs.1000/- is to be paid for each subject if permitted. Further attempts will not be entertained. If a candidate fails in too many number of subjects will have to discontinue the course.
- HND cadets have to obtain a minimum 95% of attendance during the academic year and successful completion of all examination (Learning Outcomes) is mandatory to get the Course Completion Certificate which is required for the further study in UK and for the Visa process. Physical presence in the class room only considered for attendance, permission and leave, etc will not be considered for marking present.
- To ensure possession of IELTS Standard English minimum grade of 5.5 in each Listening, Writing, Reading, Speaking and Passport well in advance for applying visa. It is the responsibility of each cadet.
- Consumption of Alcohol, distributing to others, Smoking, usage of Drugs or any other prohibited materials in the campus, hostel or outside are to be strictly avoided. Violation of the above will result in dismissal with immediate effect.
- Deck and Engine Cadets are expected to attend Parade, Physical Training and Roll Calls without fail. Failure to do so will lead to punishment and fine.
- To keep hostel corridors and the bathrooms neat in hygienic condition. To keep the hostel walls free of scribbling and graffiti.
- Do not carry cooked food into the hostel. Do not host birthday parties or other celebrations inside the hostel.
- Do not own or rent a two wheeler or four wheeler. AMET University will not approve request letter from International students seeking permission to secure driving licence.
- Students should surrender their original passport and Residential permit into the custody of University - Centre for International Relations during their period of stay at AMET University.

### **PUNISHMENT FOR FORGERY**

Students are expected to make original of their credentials available for screening during registration every session or at any time the University may require from them.

Any student who gains admission into the University with forged certificates of credentials does so at his/her own peril. Any student found to have done so, at any stage of the programme stands expelled from the college.

Any student found not to have met the college advertised entry requirements at the time of his/her admission may have his/her admission withdrawn.

## **ACADEMIC PERFORMANCE**

Cadets/Students who do not meet the stringent Academic Standards of the University will be warned, and their parents informed.

## **UNIFORM**

- For PT/Games - Blue T Shirts & Blue Shorts (Blue divided skirts for female students)
- In classroom - White shirts (Short-sleeved), Navy Blue trouser with Epaulettes, Black Socks, Black Shoes, Beret.
- Evening : After 19 00 hrs – White Full Sleeved shirt, Navy Blue Trouser, Black tie, Black Socks, Peak Cap.
- Ceremonial – White Shirt(Short Sleeved) with Epaulettes, White trouser, White belt, White socks, Black Shoes, Peak Cap.
- Ship visits in harbour-Bo lersuit, Helmet, Black socks, Black Working shoes

## **CADETS' APPEARANCE**

Male cadets : Only a short hair cut is permitted. Cadets with long hair will be dealt with on arrival. No cadet is to sport a beard during the tenure of training. (Sikh cadets are exempted). Moustache, if any, should be properly trimmed.

Female Cadets :Hair should be put up and not let loose when in uniform.

## **COMMUNICATION**

Only English language must be spoken in the University.

## **DISCIPLINE**

Strict discipline to be maintained at all times. Any breach of discipline will be seriously dealt with. Repeated disciplinary offences will result in imposition of fines or suspension from class or immediate dismissal from the University. Cadets must show ability to dress smartly and neatly. Good hygiene and personal habits are appreciated.

## **SAFETY**

Cadets must observe Safety requirements at the Workshops, and during ship visits. Accidents do not happen - they are caused. Cadets must comply with University safety regulations which include the use of Safety equipment while doing practicals in Workshops.

It becomes incumbent on everyone to be safety conscious, and to take action whenever an unsafe situation is observed. Each cadet has responsibility to have due regard for his/her own safety and for the safety of others.

The University will not be responsible for any accident or injury that the cadet may sustain during the course of the training.

## **PUNCTUALITY**

Cadets are expected to be punctual to all classes and for all other course related activities.

### **MEETING WITH PARENTS / GUARDIANS**

Periodical Meetings will be conducted for the parents / guardians with prior intimation to discuss on matters of academic/disciplinary problems of their son/ward.

### **MUSICAL GADGETS**

Cadets must not use radios or cassette recorders within the University precincts in a manner which will disturb other cadets. If complaints are received by other cadets or by neighbours, the equipment will be confiscated.

### **BREACH OF CODE**

The following acts of misconduct will result in dismissal:

- Assault
- Willful damage to University Property
- Disobedience of lawful command
- Intimidation, Coercion and/or interference with other cadets.
- Gambling
- If found with alcohol content of more than 0%.

### **SWIMMING POOL**

The Swimming pool is strictly out of bounds to cadets when not accompanied by an instructor. Cadets should enter the pool only during the timings allotted for them. Strict disciplinary action will be taken against defaulters in this regard.

### **DISCIPLINARY RULES**

All disciplinary rules will be followed very strictly. Any violation may lead to dismissal from the course of study.

### **JURISDICTION**

All matters and disputes related to admission to AMET University are subject to legal jurisdiction of courts at Chennai only.

### **SMOKING**

Smoking is prohibited within the University precincts.

### **GAMBLING**

Gambling in any form is not permitted within the University precincts.

### **ALCOHOL AND DRUGS**

No alcohol or drugs are permitted within the precincts of the University. Defaulters will be dismissed.

### **OFFENSIVE WEAPONS**

Offensive weapons must not be brought in to the University or kept in the University precincts.

## **HOSTEL RULES AND REGULATIONS**

1. All bonafide students of the college are eligible to get admission to the Hostels. Course commencement : Course commences end of the July.

Holidays : Term Break in April and December

Cadets will be housed in dormitories / rooms with double bunks (one over the other). Female cadets will be provided with separate accommodation. They will be provided with a table, chair, cupboard, mattress, bucket and mug. Furniture will be numbered, to fix responsibility in case of damage.

Cadets will be allotted rooms as per the roll numbers and will not be allowed to change. Cost of Linen torn after issue will be reimbursed by the cadets. Cadets have to make their own beds and keep the room tidy at all times. Untidy rooms will not be cleaned. Cadets will then have to do themselves.

2. Cadets are not permitted to change the set layout in their hostel rooms, recreation rooms, class rooms or any other areas in the facility. The college authorities shall make all possible efforts for accommodation.
3. Every student admitted to the hostel shall pay a caution deposit, which will be refunded at the end of the course / exit from the hostel, whichever is earlier. The mess charges, room rents and establishment charges will be notified from time to
4. No student is allowed to stay in the hostel without the prior approval of AMET authorities.
5. No student is allowed to vacate the hostel in the middle of an academic year.
6. The room rents and charges for amenities will not be refunded.
7. The inmates of the hostels should not stay in their rooms during the working hours of the college. In case they do, they should take prior permission from the hostel Warden, indicating clearly the reasons for their staying in the hostel rooms.
8. Inmates of the Girls hostel should be in their rooms by 6.p.m and those of the Boys hostel by 8.p.m. Inmates will not be permitted to enter or leave the hostels after this time. Attendance / Roll Call would be taken at 8.30 p.m. Those who would like to be away for any specific reason should obtain period permission of the Registrar to do so.
9. Students who absent themselves for 10 days or more from the hostel would be removed from

the rolls of the hostel. They should take prior permission from the Registrar to do so, or else they would be severely dealt with. Leave of absence will be normally granted only with the permission of parent or guardian. Absence from the hostel at night without the Warden's prior permission will be viewed very seriously and dealt with accordingly.

10. The furniture, fixtures and other equipment in the rooms are under the responsibility of the inmate(s). If there are any damages, the cost of repair or replacement will be collected from the concerned inmate. If the responsibility cannot be fixed, the cost will be recovered from all the inmates. And, in addition to the cost of damage, an equal amount of fine will be levied.
11. Defacing the walls inside and outside of the room by writing slogans, damaging the hostel property and such other antisocial acts will be viewed seriously and dealt with accordingly.
12. Laundry facilities are available, if required. Charges are payable directly to the Laundryman. If laundry facilities are not utilised, clothes may be washed in the hostel by the cadets.
13. Cadets must provide their own writing materials (Pens, pencils, erasers, colour pencils, felt pens, notebooks, geometry box, etc) All cadets should have a Nonprogrammable Scientific Calculator. Cadets may bring a small lock to lock their cupboards for added security.
14. Cadets will be issued drawing materials and Textbooks. They are to bring 2B pencils and soft erasers for Chart work.
15. MEDICAL FACILITIES: Cadets will be given normal medical attention by AMET Medical Officer. Cost of any major operation or illness requiring hospitalisation must be reimbursed by the cadet concerned. Sick cadets should inform the Warden and the senior cadet captain in the morning and report to the Doctor at lunch break. Cadets with chronic illness will be sent home if found medically unfit. All cadets are to be vaccinated against typhoid (TAB), Hepatitis- B, and chickenpox positively, before arrival, as directed on selection.
16. STATIONERY : Cadets must provide their own writing materials (Pens, pencils, erasers, colour pencils, felt pens, notebooks, geometry box, etc) All cadets should have a Non-programmable Scientific Calculator. Cadets may bring a small lock to lock their cupboards for added security. Cadets will be issued drawing materials and Textbooks.

They are to bring pencils and erasers for Drawing work. Lap top & WI – FI

17. CITY LEAVE: No request for leave to go home will be entertained except on grounds of serious illness of the cadet. Absence without leave (AWOL) will be treated as breach of discipline. Cadets are not allowed to stay out of campus at night under any circumstances. Parents are not to make such requests. City leave is normally granted only on Sundays from 0900 hours to 1900 hours, subject to Academic Performance and general behaviour. Shore leave will be suspended indefinitely in case of indiscipline, misconduct and substandard academic performance. Cadets are to sign out and sign in, every time they leave and re-enter



the Academy, without exception.

They must carry their Identification cards whenever they leave the AMET. Vehicles picking up or dropping cadets are not permitted to enter the campus.

18. VISITORS: No visitors are permitted at AMET without the prior permission of the Registrar (or his representative, in the absence of the Registrar.) If permitted, the visiting hours are only from 1700 hours to 1800 hours.

19. PHONE CALLS: Personal Telephone calls for cadets will only be accepted IN CASE OF EMERGENCY, ONLY FROM PARENTS, at AMET, by the duty officer, to be relayed to the cadet if he is at the hostel. No OTHER calls will be accepted at all.

If parents are unable to reach the duty officer, they may directly call the Registrar. Outward calls can only be made by cadets at the permitted timings. Mobile phones are strictly not allowed in AMET. If any cadet is found using a mobile phone, the same will be confiscated.

20. CORRESPONDENCE : AMET's fax and E-mail facilities are not for personal use and will not be relayed to cadets except in emergency.

21. WITHDRAWAL FROM UNIVERSITY: In case parents or guardians wish to withdraw the cadet from the academy, fees for the full course must be paid.

22. PERSONAL EFFECTS: AMET cannot accept responsibility for any loss of, or damage to, personal effects, including clothing, within AMET precincts.

23. DAMAGE TO PROPERTY: Cadets are liable to be charged for loss of, or damage to, AMET property or equipment, caused by their carelessness, negligence or misuse.

24. RAGGING IN ANY FORM IS STRICTLY PROHIBITED: It is also clearly informed that ragging is banned by the Government of Tamilnadu. As such, any student involved in ragging will be expelled immediately not only from the hostel but also from the course. Further, the students involved will be handed over to the Police for appropriate action.

25. Hostel inmates are strictly prohibited from engaging themselves in any undesirable activity such as smoking, drinking, gambling, consuming drugs, etc., within the hostel premises. Any such activity will be viewed very seriously and will result in the immediate expulsion of the student from the hostel as well as from the College.

26. Inmates shall not hold any meeting inside the hostel premises.

27. Students who are absent on the reopening day of the College shall be deemed to have joined the mess on the reopening date, unless they have a written letter from the parent or guardian, duly approved by the Registrar. They would otherwise be charged the normal rate. Once a student joins the mess he/ she would be deemed to have become a continuous member and he / she would be charged till he / she vacates the hostel officially.

28. The mess timings are as follows: -

Breakfast	07.00 a.m.to	08.00 a.m.
Lunch	12.00 Noon	to 01.00 p.m.
Tea	04.00 p.m.to	05.00 p.m.
Dinner	07.00 p.m.to	09.00 p.m.

29. Food shall not be served in the rooms under any circumstances. If the inmates are ill, the Warden would make necessary arrangements for the services.

30. Inmates of the hostels should not enter into the kitchen

31. Strict discipline and a noise-free atmosphere should be maintained in the dining hall and in the hostel corridors. Any violation would lead to severe disciplinary action and expulsion from the hostel.

32. Day scholars are not entertained as guests in the hostel / mess. No visitor, friend or guest shall be allowed to enter or stay in the hostel.

33. Mess fees reduction could be availed only under the following conditions:

Approved study holidays and semester vacation declared by the College Period approved by the Principal, availed for participating in Sports, Cultural Competitions, Educational Tours etc., Medical grounds, subject to production of a medical certificate Application for mess fees rebate would be on the prescribed format and should be submitted to the Warden well ahead of the duration for which mess rebate is to be claimed. Any absence of students should be intimated to the Warden at least 5 days in advance to regulate provisions, so that wastage is avoided, even if rebate for mess charges is valid.

34. Hosteller should pay the mess dues on or before the due date (i.e 15<sup>th</sup> of the Succeeding month). A fine of Rs. 10/- per day will be charged for late payment till the end of the month. Hostellers should collect and retain the copy of the payment receipt after the payment is made. If the dues are not paid till the end of the month, they will not be permitted to dine in the mess from the first day of the succeeding month.

36. Any complaint regarding the mess should be brought to the notice of the Warden in writing and students should not deal directly with the mess staff.

37. Students are advised not to keep money or valuables in their rooms. The authorities accept no responsibility whatsoever for articles or money lost by students who should keep their rooms properly locked while they leave the hostel.

38. Students are strictly prohibited from using Radios, Transistors, TV sets, Electrical Irons or Heaters in the rooms. If found these items are liable to be confiscated.

39. The hostel generally would remain closed during the vacations. During this period the residents are not permitted to stay in the hostel since maintenance work has to be taken up

then.

40. In all matters of hostel discipline, the decision of the Warden shall be final
41. Notwithstanding any of the rules and regulations cited above, the Hostel/College authorities reserve the right of changing the rules and regulations, depending on the exigencies of the situation.

## **CODE OF PROFESSIONAL ETHICS FOR AMET TEACHERS**

### **PREAMBLE**

#### **Goal of Higher Education in our Country:**

The basic purpose of education is to create skill and knowledge and awareness of our glorious national heritage and the achievements of human civilization, possessing a basic scientific outlook and commitment to the ideals of patriotism, democracy, secularism, socialism and peace, and the principles enunciated in the Preamble to our constitution.

Higher education has to produce leaders of society and economy in all areas of manifold activities with a commitment to the aforesaid ideals.

Higher education should strive for academic excellence and progress of arts and science, Education, research and extension should be conducted in conformity with our national needs and priorities and ensure that our best talents make be fitting contributions to international endeavour on society needs.

#### **Teachers and their Rights:**

Teachers should enjoy full civic and political rights of our democratic country. Teachers have a right to adequate emoluments, social position just conditions of service, professional independence and adequate social insurance.

#### **The Code of Professional Ethics**

##### **I. Teachers and their Responsibilities**

Whoever adopts teaching as a profession assumes the obligation to conduct himself in accordance with the ideals of the profession. A teacher is constantly under the scrutiny of his students and the society at large. Therefore, every teacher should see that there is no incompatibility between his precepts and practice. The national ideals of education which have already been set forth and which he / she should seek to inculcate among students must be his / her own ideals. The profession further requires that the teachers should be calm, patient and communicative by temperament and amiable in disposition.

##### ***Teachers should -***

- i. adhere to a responsible pattern of conduct and demeanor expected of them by the community;
- ii. manage their private affairs in a manner consistent with the dignity of the profession;
- iii. seek to make professional growth continuous through study and research;
- iv. Express free and frank opinion by participation at professional meetings, Seminars,

conferences, etc., towards the contribution of knowledge;

- v. Maintain active membership of professional organizations and strive to improve education and profession through them.
- vi. Perform their duties in the form of teaching tutorial, practical and seminar work continuously and with dedication.
- vii. Co-operate and assist in carrying out functions relating to the educational responsibilities of the college and AMET such as; assisting in appraising applications for admission, advising and Counseling students as well as assisting in the conduct of Deemed University and college examinations including supervision invigilation and evaluation; and
- viii. Participate in extension co-curricular and extracurricular activities including community service.

## **II. Teachers and the Students:**

- i. respect the right and dignity of the student in expressing his / her opinion.
- ii. Deal justly and impartially with students regardless of their religion caste, political, economic, social and physical characteristics;
- iii. Recognize the difference in aptitude and capabilities among students and strive to meet their individual needs;
- iv. Encourage students to improve their attainments, develop their personalities and at the same time contribute to community welfare
- v. Inculcate among students scientific outlook and respect for physical labour and ideals of democracy, patriotism and peace;
- vi. Be affectionate to the students and not believe in a vindictive manner towards any of them for any reason.
- vii. Pay attention to only the attainment of the student in the assessment of merit;
- viii. Make themselves available to the students even beyond their class hours and help and guide students without any remuneration or reward
- ix. Aid students to develop an understanding of our national heritage and national goals, and
- x. Refrain from inciting students against other students colleges or administration.

## **III. Teachers and Colleagues:**

***Teachers should -***

- i. Treat other members of the profession in the same manner as they themselves wish to be treated.

- ii. Speak respectfully of other teachers and render assistance for professional betterment.
- iii. Refrain from lodging unsubstantiated allegations against colleagues to higher authorities
- iv. Refrain from allowing consideration of caste, creed, religion, race or sex in their professional endeavour.

#### **IV. Teachers and Authorities**

##### ***Teachers should –***

- a) discharge their professional responsibilities according to the existing rules and adhere to procedures and methods consistent with their profession in initiating steps through their own institutional bodies and / or professional organizations for change of any such rule determinant to the professional interest;
- b) refrain from undertaking any other employment and commitment including private tuitions and coaching classes which are likely to interfere with their professional responsibilities;
- c) co-operate in the formulation of policies of the Deemed University by accepting various officers and discharge responsibilities which such officers may demand;
- d) co-operate through their organizations in the formulation of policies of the other institutions and accept offices;
- e) co-operate with the authorities for the betterment of the institutions keeping in view the interest and in conformity with dignity of the profession;
- f) should adhere to the conditions of contract;
- g) give and expect due notice before a change of position is made and
- h) refrain from availing themselves of leave except on unavoidable grounds and as far as practicable with prior intimation, keeping in view their particular responsibility for completion of academic schedule.

#### **V. Teachers and Non-Teaching Staff**

- i. Teachers should treat the non-teaching staff as colleagues and equal partners in a co-operative undertaking within every educational institution;
- ii. Teachers should help in the function of joint staff-councils covering both teachers and the non-teaching staff

## **VI. Teachers and Guardians:**

### ***Teachers should –***

Try to see through teachers' bodies and organizations that institutions maintain contact with the guardians of their performance to whenever necessary and meet the guardians in meeting convened for the purposes for mutual exchange of ideas and for the benefit of the institutions.

## **Teachers and Society**

### ***Teachers should-***

- i. recognize that education is a public service and strive to keep the public informed of the educational programs which are being provided;
- ii. work to improve education in the community and strengthen the community's moral and intellectual life;
- iii. be aware of social problems and take part in such activities as would be conducive to the progress of society and hence the country as a whole;
- iv. Perform the duties of citizenship, participate in community activities and shoulder responsibilities of public officers;
- v. Refrain from taking part in or subscribing to or assisting in any activities which tend to promote feeling of hatred or enmity among different communities, religions or linguistic groups but actively work for national Integration.

# **CODE OF CONDUCT AND DISCIPLINE FOR AVOIDANCE OF SEXUAL HARASSMENT AND MAINTENANCE OF EQUALITY OF OPPORTUNITY**

## **PREAMBLE**

This policy for the prevention, prohibition and punishment of sexual harassment of women is formulated to prevent sexual harassment of women on the campus. The policy extends to all students, faculty, staff, officers, residents and visitors of AMET. The Committee will take cognizance of all forms of sexual harassment towards women and will promote gender sensitisation. This is also in tune with the concern expressed by UGC Grants Commission about ensuring safe environment for women students and employees in educational institution.

The Anti- Sexual Harassment Committee is the body constituted by AMET in consonance with the Sexual Harassment of Women at the Workplace (Prevention, prohibition and redressal) Act 2012. AMET University is committed to provide a place of work and study free of sexual harassment, intimidation, and/or exploitation.

### **Constitution of Anti-Sexual Harassment Committee**

AMET Anti-Sexual Harassment Committee constitutes the following members approved by the Vice Chancellor.

1. The Registrar
2. A Senior Lady Faculty as Convener
3. Lady Member of NGO
4. Few Teaching and Non Teaching Faculty Members
5. Wardens
6. Girl Student Representatives

### **Definition of Sexual Harassment**

Sexual Harassment includes any one or more of the following unwelcome acts or behavior (whether directly or by implication) namely

- physical contact and advances
- a demand or request for sexual favours
- making sexually coloured remarks



- any unwelcome messages through telephone or internet
- showing pornography
- any other unwelcome physical, verbal or non-verbal conduct of a sexual nature

### **Procedure for Registering Complaints**

All complaints must be brought by the complainant in person or in instances brought by another person on behalf of the complainant. In exceptional cases, third party/witness complaints may be entertained. Complaints can be lodged directly with any member of the Anti-Sexual Harassment Committee, or through existing channels for lodging grievances. If the complaint is made through any such channel, the person to whom the complaint is made should bring it to the notice of the Committee within two working days of its receipt by her/him.

### **Procedure to be followed by the Committee**

On receipt of a complaint the Committee shall record it to writing. Within ten days of the receipt of a complaint, the Committee must determine whether a prima facie case of sexual harassment is made out. It shall carefully consider the complaint and may hear the complainant and the defendant and/or any other relevant person to determine whether an enquiry by the Committee is to be instituted. Due attention must be paid to confidentiality of the complainant and the defendant. The Committee shall enquire into the complaint of sexual harassment following procedures in conformity with the principles of natural justice and gender sensitivity. The Committee is empowered to take steps to settle the matter under the new Act to the satisfaction of the complainant before initiating a formal enquiry into the matter.

After concluding its enquiry, the Committee shall prepare a detailed and written report of its findings. The enquiry report shall specify the details of the charge(s) against the defendant, the statements made and evidence presented in the enquiry and a discussion of the reasons upon which the findings arrived at by the Committee. The Committee shall provide a report of its findings to the employer within 10 days of completion of inquiry and such report shall be made available to the concerned parties. In the event that the Committee finds the defendant guilty of sexual harassment, it shall also recommend the nature of disciplinary action to be taken taking into consideration the gravity of the offence of which he has been found guilty and the impact on the complainant. The disciplinary action will commensurate with the nature and impact of the sexual harassment. It shall also recommend whether after disciplinary action has been taken, AMET Administration should publicize

the identity of the offender, the misconduct and the disciplinary action taken.

### **Punishments for the proven Sexual Harassment**

The punishments listed below are indicative, and shall not constrain the AMET University and Anti-Sexual Harassment Committee from considering others.

In the case of academic/administrative/technical/ non-teaching staff/management, the recommended disciplinary action could be one or more of the following:

1. Warning
2. Written apology
3. Bond of good behaviour
4. Gender sensitization
5. Counselling
6. Adverse remarks in the Confidential Report
7. Debarring from supervisory duties
8. Suspension
9. Denial of membership of statutory bodies
10. Denial of re-employment
11. Stopping of increments/promotion
12. Reverting, demotion
13. Transfer
14. Dismissal
15. Withdrawal of residential facilities and prohibition from entry on the campus etc.
16. Any other relevant mechanism.

In case of indulgence of such activities by students, the recommended disciplinary action could be:

1. Warning
2. Written apology
3. Bond of good behaviour
4. Gender sensitization
5. Counselling
6. Debarring entry into a hostel/ campus

7. Withholding results
8. Debarring from exams
9. Debarring from contesting elections
10. Debarring from holding posts
11. Suspension for a specified period
12. Expulsion/ Rustication
13. Denial of admission
14. Declaring the harasser as "persona non grata" for a stipulated period of time
15. Any other relevant mechanism.

**Anti- Sexual Harassment Committee**

The AMET Anti- Sexual Harassment Committee shall consist of -

1. The Registrar
2. A Senior Lady Faculty as Convener
3. Lady Member of NGO
4. Few Teaching and Non Teaching Faculty Members
5. Wardens
6. Girl Student Representatives

## **POLICY FOR PREVENTION OF ALCOHOL AND DRUG ABUSES IN THE CAMPUS**

- AMET is committed to promoting and maintaining a work and academic environment that is free from illegal alcohol and drug use and abuse, in accordance with all laws of the Nation existing in force. Students and employees are prohibited from being in the campus under the influence of alcohol or illegal drugs.
- AMET policy for preventing alcohol and drug abuses prohibits the unlawful possession, use, or distribution of illicit drugs and/or alcohol on the campus including hostels and at University-sponsored events held off campus.
- AMET offers information to students about drug and alcohol abuse and counseling for the students through Student Mentors.
- Any student/employee admitting to or convicted of the unlawful possession, use, or distribution of illicit drugs and alcohol on the campus or at AMET sponsored events, will be subject to disciplinary action (up to and including termination/expulsion from AMET) by the Disciplinary Committee.

## **POLICY ON CURBING THE MENACE OF RAGGING**

### **PREAMBLE**

AMET is aware of the fact that prevention and prohibition of ragging in institutions imparting higher education in the Country is a great concern. Regulations have been framed by various apex bodies of higher education in the Country such as UGC, AICTE etc. In view of the directions of the “UGC regulations on curbing the menace of ragging in higher educational institutions, 2009” and in the commitment of AMET University in prohibiting, preventing and eliminating the scourge of ragging, this policy is being made.

### **RAGGING**

As per UGC Regulations 2009, ragging constitutes one or more of any of the following acts:

- a. Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student.
- b. Indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student.
- c. Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student.
- d. Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher.
- e. Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- f. Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students
- g. Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;

- h. Any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student.
- i. Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

### **Commitments of AMET in Prohibiting Ragging**

- 1. University shall not permit or condone any reported incident of ragging in any form; and take all necessary and required measures, to achieve the objective of eliminating ragging, within the institution or outside
- 2. University shall take action in accordance with UGC Regulations against those found guilty of ragging and/or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 3. University shall make all possible ways to implement the policy of anti-ragging such as displaying banners, notifying in AMET website and printed in the brochures, academic calendar etc about various act of ragging, the information on anti-ragging committee and contact numbers of all the authorities involved.
- 4. University shall make it compulsory that application for admission, enrolment or registration must be accompanied by an Anti Ragging affidavits signed by students and Parent/Guardian.
- 5. The details of Anti-Ragging Helpline shall be widely displayed in AMET Hostels, Campus etc.

### **Punishment for Ragging**

The Anti-Ragging Committee of the institution, depending on the nature and gravity of the guilt of ragging shall award, to those found guilty, one or more of the following punishments, namely;

- 1. Suspension from attending classes and academic privileges
- 2. Withholding/ withdrawing scholarship/ fellowship and other benefits.
- 3. Debarring from appearing in any test/ examination or other evaluation process.
- 4. Withholding results.

5. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
6. Suspension/ expulsion from the hostel.
7. Cancellation of admission.
8. Rustication from the institution for period ranging from one to four semesters.
9. Expulsion from the institution and consequent debarring from admission to any other institution for a specified period.
10. Any other punishments as suggested by the Committee

#### **Anti-Ragging Committee**

The AMET anti-ragging committee constitutes

1. The Vice- Chancellor (Chairman)
2. The Registrar
3. The Director – Student Affairs
4. Faculty members nominated by the Vice-Chancellor
5. The Proctor
6. The Security Advisor
7. The Warden
8. One parent
9. An Advocate
10. Inspector of Police of Kanathur Police Station