



# AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING

(Deemed to be University Under Section 3 of UGC Act 1956)

## DEPARTMENT OF MARINE BIOTECHNOLOGY

*organizes*

### International Virtual Conference on “BIOFILM, BIOFOULING, BIOPRODUCTS”

27<sup>th</sup> May 2021

Registration Link 

Google Meet Link 



ज्ञान - विज्ञानं विमुक्तये



ARIIA

ATAL RANKING OF INSTITUTIONS  
ON INNOVATION ACHIEVEMENTS

## Academy of Maritime Education and Training (AMET)

(Deemed to be University)

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## **ABOUT THE UNIVERSITY :**

AMET is India's First Deemed to be University in Maritime Education which is ranked as 3rd among Maritime Universities of the World in the PIMET (Performance Indicators in Maritime Education and Training) Ranking of International Association of Maritime Universities (IAMU). Established during 1993, AMET's uncompromising strides of excellence in the field of maritime education and training laced with its capacity to feed the global shipping industry with an unrivalled maritime human resource secured it to have many national and international recognitions, accreditations and rankings such as NAAC, NIRF, ARIIA, DGS- CIP, PIMET etc.

## **VISION AND MISSION OF THE UNIVERSITY**

### **VISION**

To sustain identity as a World Class Leader in Maritime Education and empower learners with wholesome knowledge through progressive innovation in training, research and development which will render students a unique learning experience and a transformation impact on the Global Society.

### **MISSION**

AMET will strive continuously to:

- ⊙ Impart value-based higher education and technical knowledge with uncompromising strides of an outstanding quality.
- ⊙ Emerge as a Centre of Excellence inculcating skill development in recent technologies in accordance with industrial trends.
- ⊙ Create World class research capabilities on par with the finest in the world and broaden student's horizons beyond classroom education.

- ⊙ Nurture talent and entrepreneurship and enable all round personality development in students.
- ⊙ Empower students from across socio economic strata.
- ⊙ Make a positive difference to society through technical education.

## **ABOUT THE DEPARTMENT:**

The Department of Marine Biotechnology, AMET University with a long history of teaching and research, is currently running postgraduate and research programs viz., M.Sc and Ph.D., in Marine Biotechnology. The Department is actively engaged in research on Marine Microbial Diversity, Enzyme technology, Secondary metabolites from marine organisms, Marine Bio-products, Bio-Fuels and Bioprocess Technology with a core theme of bioactive molecules from marine organisms.

Department has conducted 6 exclusive workshops on techniques related to "Biologically active molecules from Marine organisms" at National Level. Besides we have also conducted 9 national level academic events such as conferences and seminars to disseminate the knowledge on Marine Biotechnology and Marine Microbiology. We have established a network of research collaboration with 5 international and 11 national research organizations. We have also established Memorandum of Understanding with two Biotechnology Industries to expand our training, consultancy, research and development activities in Marine Biotechnologies.

### **VISION**

To be a Centre of excellence in the field of Biotechnology equipped to nurture world class bioengineers with a potential to innovate, discover and disseminate knowledge for the welfare of mankind.

## MISSION

- ◎ Our Mission is to impart world class higher education in Marine Biotechnology with the following approaches
- ◎ To transform into comprehensive and a multidisciplinary biotechnology centre that supports, coordinates, disseminates and advances biotechnology.
- ◎ To impart quality education for lifelong professional growth and opportunity in a wide range of careers.
- ◎ To become a resource center for Biotechnology information and education create awareness towards socio ethical implications of potentials of Biotechnology.
- ◎ To initiate multi-disciplinary programs through academia-industry interface with a special emphasis on implementation of bioprocess and scaleup

## ABOUT THE CONFERENCE :

The conference provides a platform for the academicians, researchers, students to exchange their latest research advancements in the areas of Biofilm, Biofouling, Bioproducts. The conference includes four invited talks from eminent speakers and they are all experts of that particular fields. This makes an interaction among researchers, scientists and students around the world. Also, invited articles for the conference will be published in the proceedings with ISBN.

Topics of Interest include, but are not limited to the following

- ◎ Biofilm formation on different surfaces.
- ◎ Current Research Approaches to Target Biofilm Infections
- ◎ Marine biofouling organisms and their metabolites

- ◎ Trends in marine biofouling research
- ◎ Advance research in Antifouling agents/compounds
- ◎ Marine Bioproducts
- ◎ Marine Energy

## IMPORTANT DATES :

Last date for Submission of Abstract : 22<sup>nd</sup> May 2021

Notification of Acceptance of Abstract: 23<sup>rd</sup> May 2021

Submission of full-length article : 25<sup>th</sup> May 2021

Date of Conference : 27<sup>th</sup> May 2021

## CALL FOR PAPERS :

The authors are requested to submit their full-length article of their original work in conference Proceeding's format with author details, as MS-word and E-mail. All accepted papers will be published in the proceedings of the conference with ISBN.

## REGISTRATION DETAILS :

Registration is free for the conference. Participants can register through the registration link :

[https://docs.google.com/forms/d/1MYp9H8Q4fT800pB8qsyvrUYr\\_mOWiueXNlekprhfrTQ/edit](https://docs.google.com/forms/d/1MYp9H8Q4fT800pB8qsyvrUYr_mOWiueXNlekprhfrTQ/edit)

Registered participant shall contribute abstract/ full length article for publication in conference proceedings, can contact/mail to Dr. D. Selvakumar (9626949380) - selvakumar@ametuniv.ac.in and thereafter proceeding template and copyright will be provided.

**Last date for registration for the conference : 25<sup>th</sup> May 2021**

### **Chief Patrons :**

**Dr. J. Ramachandran**, Chancellor, AMET Deemed to be University

**Dr. Rajesh Ramachandran**, Pro-Chancellor, AMET Deemed to be University

### **Patron :**

**Col. Dr. G. Thiruvassagam**, Vice-Chancellor, AMET Deemed to be University

### **Organizing Committee :**

**Dr. M. Jayaprakashvel**, Registrar (i/c), AMET Deemed to be University

**Dr.D.Arivazhagan**, Professor, Coordinator, IQAC, AMET Deemed to be University

**Dr. L. Senthilnathan**, Head i/c, Assistant Professor, Dept. of Marine Biotechnology

**Dr. D. Selvakumar**, Assistant Professor, Dept. of Marine Biotechnology

### **Co-ordinators :**

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**Dr. G. Mayakkannan**, Assistant Professor, Dept. of Marine Biotechnology

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2. **Dr. Cheng Tung Chong**, Associate Professor, China-UK Low Carbon College, Shanghai Jiao Tong University, China.

3. **Dr.Ashokkumar Veeramuthu**, Research Professor, Center of Excellence in Catalysis for Bioenergy and Renewable Chemicals (CBRC), Faculty of Science, Chulalongkorn University, Bangkok 10330, Thailand

4. **Dr.Wei-HsinChen**, Associate Professor, Research Center for Smart Sustainable Circular Economy, Tunghai University, Taiwan

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6. **Dr. Prakash Radhakrishnan**, Associate Professor, Eppley Institute for Research in Cancer, University of Nebraska Medical Center, Nebraska, USA.

7. **Dr. S.Kamala Kannan**, Professor. Division of Biotechnology, College of Environmental Sciences, Chonbuk National University, South Korea

### **National Advisory Committee Members**

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4. **Dr. Felix Bast**, Associate Professor, Department of Botany, Central University of Punjab.
5. **Dr. D.Inbakandan**, Head & Scientist – E/Associate Professor, Centre for Ocean Research (DST-FIST Sponsored), Sathyabama Institute of Science and Technology Chennai.
6. **Dr.Hariprasath Lakshmanan**, Associate Professor, Department of Biochemistry, Karpagam Academy of Higher Education, Coimbatore
7. **Dr.Anbarasu Kumarasamy**, Associate Professor, Microbial Biotechnology Laboratory, Department of Marine Biotechnology, Bharathidasan University
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11. **Dr. Rajesh Pandian**, Associate Professor, Centre for Research, Bharath Institute of Higher Education and Research, Bharath University, Selaiyur, Chennai
12. **Dr. G. Swamynathan**, Assistant professor, Department of Biotechnology, Faculty of Science and Humanities, Kattankulathur Campus, SRM Institute of Science and Technology.

### **ADMISSIONS FOR THE YEAR 2021-2022 ARE OPEN**

Toll Free Number : 1800 108 3030

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