



**AMET UNIVERSITY – BRSI**

Jointly Organize

**One Day Event on**

## **Biotechnology Popularization and Skill Development Workshop for School Children**

Theme of the Event

**Exploring the Blue Frontier for Sustainable Solutions**

Event Sponsor

**The Biotech Research Society of India (BRSI)**

Date: 11<sup>th</sup> July 2025

Venue: AMET University Campus, Kanathur, Chennai – 603112

Target Group: Students from Grades 9<sup>th</sup> to 12<sup>th</sup>

(Maximum: 50 Participants and 5 students per school will be admitted)

Registration is Compulsory | Participation Certificate Provided

No Registration Fees

**Last Date to Register : 28<sup>th</sup> June 2025**



**Academy of Maritime Education and Training (AMET)**

(Deemed to be University)

#135, East Coast Road, Kanathur, Chennai - 603 112, Tamil Nadu, India

Website : [www.ametuniv.ac.in](http://www.ametuniv.ac.in)

## About the University

AMET (Academy of Maritime Education and Training) stands as India's first and only Deemed-to-be University exclusively dedicated to maritime education. Since its establishment in 1993, AMET has emerged as a global leader in maritime training and research, offering world-class academic programs tailored to meet the evolving needs of the maritime and allied industries. AMET has earned the distinction of being ranked 5th among maritime universities worldwide based on the Performance Indicators in Maritime Education and Training (PIMET) issued by the International Association of Maritime Universities (IAMU). This global recognition reflects AMET's continued excellence in delivering comprehensive, industry-relevant education, supported by state-of-the-art infrastructure, experienced faculty, and strong industry partnerships. The university's unwavering commitment to academic rigor, professional integrity, and innovation has garnered multiple prestigious national and international accreditations, including NAAC (A Grade), NBA, NIRF, ARIIA, DGS-CIP, PIMET, and DSIR-SIRO. Through its diverse programs in marine engineering, naval architecture, maritime management, and marine biotechnology, AMET continues to play a pivotal role in shaping competent professionals who drive the global maritime economy forward.

## About the Department

The Department of Marine Biotechnology at AMET Deemed-to-be University was established in the academic year 2008–2009 with the mission of delivering world-class higher education and research in the field of Marine Biotechnology. As a discipline still in its early stages, Marine Biotechnology holds immense promise for the future. Pharmaceutical companies are increasingly turning to marine resources for the development of novel therapeutic agents. The expanding focus on aquaculture is expected to create thousands of employment opportunities for trained marine biotechnologists. Moreover, the rising demand for marine-derived products in the food, cosmetics, and agriculture industries continues to outpace supply. The Department currently offers a Ph.D. program in Marine Biotechnology and has identified “Biologically Active Molecules from Marine Organisms” as its central theme for research and consultancy activities.

## About BRSI

The Biotech Research Society of India (BRSI) is a premier scientific organization committed to advancing research and development in the field of biotechnology (<https://brsi.in/>). Its mission is to foster collaboration between academic institutions and the biotechnology industry, facilitating knowledge exchange and problem-solving across sectors. BRSI actively engages with industry stakeholders to address real-world challenges and raise awareness of emerging biotechnological innovations. The Society also plays a pivotal role in capacity building by organizing training programs, workshops, and seminars that promote skill development and scientific literacy. Through national and international conferences, public outreach initiatives, and knowledge dissemination platforms, BRSI strives to create a vibrant ecosystem that supports scientific excellence and societal impact in the biotechnology domain.

## Program Overview

The Department of Marine Biotechnology, AMET Deemed-to-be University, in association with the Biotech Research Society of India (BRSI), proudly presents an inspiring one-day workshop titled “Marine Biotechnology: Exploring the Blue Frontier for Sustainable Solutions”. This program is being conducted under the Biotechnology Popularization and Skill Development Scheme to cultivate scientific awareness and curiosity among school students, particularly in the emerging field of marine biotechnology.



## About the workshop

This one-day intensive workshop is designed to introduce school students to the rapidly advancing field of biotechnology, with a specific focus on marine and environmental applications. Hosted by the Department of Marine Biotechnology, AMET University, and sponsored by The Biotech Research Society, India (BRSI), this event aims to foster scientific curiosity, provide hands-on exposure to laboratory practices, and ignite interest in biotechnology as a career path. Through a blend of interactive lectures, lab demonstrations, and career guidance, students will be immersed in the world of marine bio-innovations, sustainability, and real-world scientific problem-solving. The event serves as a dynamic bridge between classroom science and applied research.

## Workshop Objectives

- ✓ To popularize marine and environmental biotechnology among school students.
- ✓ To provide skill-based exposure to laboratory techniques and scientific inquiry.
- ✓ To enhance understanding of sustainable technologies through marine science.
- ✓ To introduce students to research-oriented thinking and career possibilities in life sciences.

## Who Can Participate?

- ✓ Students from Grades 9 to 12 with a strong interest in biology or environmental science.
- ✓ Selection coordinated through local schools and science faculty.
- ✓ Limited seats available (Maximum: 50 students only).
- ✓ Schools are requested to nominate up to 5 students with accompanying staff.

**Pre Registration Mandatory**

## Technical Details of the Workshop

The Biotechnology Popularization and Skill Development Workshop for School Children is structured to provide a balanced combination of theoretical knowledge, interactive discussions, and practical exposure to core techniques in biotechnology, with a focus on marine applications. The program has been carefully curated to be age-appropriate, scientifically enriching, and aligned with contemporary advancements in the life sciences.

## Learning Methodology

- ✓ Interactive Lectures: Delivered by experienced faculty and scientists
- ✓ Hands-on Practical Sessions: Supervised lab modules to enhance skills
- ✓ Student Quiz & Group Discussion
- ✓ Hackathon (Based on student's availability with concepts)
- ✓ What's next after school? A journey towards Biotechnology

## For Registration

please click the link below or scan the QR code to fill out the Google Form:  
<https://forms.gle/uRTVSZbSfvBS3BcQ6>

**Last Date for Registration : 28<sup>th</sup> June 2025**



## Kindly Note

- ✓ Snacks, Lunch & Registration Kit will be Provided
- ✓ Accommodation and Travel will not be Provided
- ✓ Attendees are requested to make their own Arrangements

## Organizing Committee

### Chief Patrons :

**Dr. J. Ramachandran**, Chancellor, AMET

**Dr. Rajesh Ramachandren**, President, AMET

**Mrs. Susheela Ramachandran**, Managing Trustee, AMET

**Col. Dr. G. Thiruvassagam**, Provost, AMET

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**Dr. V. Sangeetha Albin**, Registrar (i/c), AMET University

**Dr. M. Jayaprakashvel**, Special Officer & Coordinator - IQAC, AMET University

### Convener

**Dr. C.M. Ramakritinan**, Professor & Head, Dept. of Marine Biotechnology, AMET University

### Organizing Secretary

**Dr. Chandrabose Selvaraj**, Professor, Dept. of Marine Biotechnology, AMET University

### Advisory Committee Members

**Dr. K. Altaff**, Professor, Department of Marine Biotechnology, AMET University

**Dr. R. Muthazhilan**, Department of Marine Biotechnology, AMET University

**Dr. R. Vijayaraj**, Assistant Professor, Department of Marine Biotechnology, AMET University

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**FOR REGISTRATION**



## ADMISSIONS FOR THE YEAR 2025- 2026 ARE OPEN

Toll Free Number : 1800 108 3030

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Email : admission@ametuniv.ac.in

Facebook Link : <https://www.facebook.com/AMETInternational/>

Instagram : <https://www.instagram.com/amet.university/>

Youtube : [https://www.youtube.com/channel/UC6Jzfz1MSE\\_QBObJmMPLzPQ/](https://www.youtube.com/channel/UC6Jzfz1MSE_QBObJmMPLzPQ/)