

About the Department

The Department of Biotechnology, AMET University with a long history of teaching and research, is currently running postgraduate and research programs viz., M.Sc, M.Phil., and Ph.D., in Marine Biotechnology, and also M. Phil., Marine Microbiology. The Department is actively engaged in research on Marine Microbial Diversity, Enzyme technology, Secondary metabolites from marine organisms, Marine Bioproducts and Bioprocess Technology with a core theme of bioactive molecules from marine organisms. The Department also provides Short Term Training and Project guidance for postgraduate students. The Department is also involved in the bacterial identification services by 16S rRNA sequencing method. During 2010-2011, the Department has organized nine academic events among which three are Seminars, three Workshops, two Orientation Programs and one is a Public Awareness program.

Laboratory facilities

The Department of Biotechnology, AMET University is enriched with specialized facilities like

- Gradient PCR machine
- UV-Visible spectrophotometer
- Refrigerated centrifuges & Microfuges
- Deep freezer
- Western blotting apparatus
- Environmental shaker
- UV transilluminator
- Electrophoretic apparatus
- Refractometer
- Chromatography aids & Soxhlet apparatus.

Besides, the Department is well equipped with very essential instruments for research and training in Microbiology, Biochemistry, Biotechnology, Marine Biology and Aquaculture.

DEPARTMENT OF BIOTECHNOLOGY AMET UNIVERSITY (Under Sec. 3 of UGC Act 1956)



Cordially invites you for the

SECOND NATIONAL LEVEL WORKSHOP ON MARINE BIOTECHNOLOGY FOR UNDERGRADUATE SCIENCE STUDENTS

FEBRUARY 14-18, 2012

PATRONS

Dr. J. Ramachandran,
Chairman, AMET University

Mr. R. Rajesh, MBA.,
Vice Chairman, AMET University

Mr. D.T. Joseph,
Chancellor, AMET University

Capt. S. Bhardwaj,
Vice Chancellor, AMET University

CONVENER

Prof. Dr. A. Jaffar Hussain, M.Sc., M. Phil., Ph.D.,
Special Officer & Dean (Life Sciences), AMET University

ORGANIZING SECRETARY

Dr. M. Jayaprakashvel, M.Sc., Ph.D.,
Assistant Professor, Department of Biotechnology

TREASURER

Mr. C. Kaarthikeyan, M.Sc.,
Research Asst. Dept. of Biotechnology, AMET University

TECHNICAL SUPPORT

Dr. G. Surendiran, M.Sc., Ph.D.,
Visiting Faculty, Dept. of Biotechnology, AMET University

SECOND NATIONAL LEVEL WORKSHOP ON MARINE BIOTECHNOLOGY FOR UNDERGRADUATE SCIENCE STUDENTS

FEBRUARY 14-18, 2012

INFORMATION BROCHURE



Organized by

**DEPARTMENT OF BIOTECHNOLOGY
AMET UNIVERSITY
(Under Sec. 3 of UGC Act 1956)
135, EAST COAST ROAD
KANATHUR, CHENNAI-603112**



**AMET
UNIVERSITY**
(Under Sec. 3 of UGC Act 1956)

**Tel: 044 27472155/157;
Mob: +91 9444065432/ +91 9840529274
E.mail: ametmarinebiotech@gmail.com**

ABOUT THE WORKSHOP

Preamble

During February 23-27, 2010, The Department of Biotechnology, AMET University conducted the First National Level Workshop on Marine Biotechnology for Undergraduate Students with the aim of providing hands on training to Undergraduate students in the field of Marine Biotechnology to ignite the students to take up Marine Biotechnology research.

About the Training Program

Realizing the immense potential of Marine Biotechnology Research in India, many Universities and research laboratories have started to strengthen their research capabilities on this emerging field. Government of Tamil Nadu has also initiated a multi-million dollar project to set up a Centre for Marine Biotechnology in Chennai. These developments clearly show the growing opportunities in the field of Marine Biotechnology. Very few Universities are offering Marine Biotechnology Course in India. However, such a small volume of manpower could not meet the growing needs of this booming industry. And hence, The Department of Biotechnology, AMET University is organizing a series of training programs on Marine Biotechnology especially for undergraduate students to motivate them to pursue research and job oriented higher education. In our first workshop on Marine Biotechnology during February 2010, 26 undergraduate students from various parts of our Country have participated, benefitted and still maintaining academic collaborations with us. In continuation with the first workshop, the Department is now announcing Second National Level Workshop on Marine Biotechnology for Undergraduate Science Students.

ABOUT THE WORKSHOP

Technical Details

The training program is for five days with fullest concentration on the practical aspects. Students will be taken care to get hands on experience in all sorts of techniques that are covered under this workshop.

The training programs would cover the following aspects

- ◆ Luminescent Bacteria
- ◆ Fluorescent Pseudomonads
- ◆ Marine actinomycetes
- ◆ Gene transfer in marine microbes
- ◆ Industrial enzymes from marine microbes
- ◆ Molecular Biology of Marine microbes
- ◆ Bioproducts such as bioplastics, antibiotics and pigments from Marine Microbes

Eligibility

Final year Undergraduate science (B.Sc.) students from Life Science disciplines such as Microbiology, Biochemistry, Biotechnology, Botany, Zoology, Marine Biology, Aquaculture etc.

Registration details

Maximum number of Participants is limited to 30 only. **There is no registration fee for the participants.** However, selection of candidates for the workshop will be done on the basis of merit.

How to apply?

Interested candidates may send the completely filled in registration forms which is recommended and forwarded through their HOD along with a one page write about how this workshop would be useful for their career and a brief resume. Incomplete forms with out necessary enclosures will not be considered for the selection process. Organizers have the final rights to accept or reject an application.

Last date for sending registration forms : 02-02-2012
Intimation of selected participants : 04-02-2012

Address for correspondence
Prof. Dr. A. Jaffar Hussain, M.Sc., M.Phil., Ph.D.,
Special Officer & Dean, Life Sciences
AMET University, 135, ECR, Kanathur, Chennai-603112
Mob: +91 9444065432/ +91 9840529274
E.mail: ametmarinebiotech@gmail.com

REGISTRATION FORM

**SECOND NATIONAL LEVEL WORKSHOP ON
MARINE BIOTECHNOLOGY FOR
UNDERGRADUATE SCIENCE STUDENTS**
FEBRUARY 14-18, 2012
REGISTRATION IS FREE

Name :

Course :

Year of Study:

Address for communication:
.....
.....
.....
.....

- Enclosures check list**
1. A one page write up Yes/No
 2. Brief resume Yes/No

Signature of the Student

Recommendations of HOD

Signature of HOD with seal

Place: Date:
(All field are to be filled; Copies of this form can be used)