

ONLY 15 STUDENTS ARE  
REGISTERED PER BATCH

# BIOTECHNOLOGY FINAL YEAR PROJECTS FOR M.Sc., M.TECH/B.TECH DECEMBER 2011

INFORMATION BROCHURE DECEMBER 2011 BATCH

The Department of Biotechnology as the extension of its rich research expertise is offering short term projects for final year B.Tech., M. Tech and M.Sc., Biotechnology Students since 2009.

## About the Department

The Department of Biotechnology AMET University with a long history of teaching, training and research is offering short term training programs and project works in Biotechnology and Marine Biotechnology for postgraduate students during December 2011 to April 2012. The Department is currently running postgraduate and research programs viz., M.Sc Marine Biotechnology, M. Phil., Marine Biotechnology, M.Phil., Marine Microbiology and Ph. D., in Marine Biotechnology. The Department is seriously engaged in research on Marine Microbial Diversity, Enzyme technology, Secondary metabolites from marine organisms, Marine Bioproducts and Bioprocess Technology.



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

**DEPARTMENT OF BIOTECHNOLOGY**  
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(Under Sec. 3 of UGC Act 1956)  
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## Project works

The Department provides complete laboratory facilities and personalized guidance for B.Tech., M. Tech., M.Sc. and M. Phil project works mainly in the following areas.

- \* Marine microbial ecology
- \* Extremophilic bacteria
- \* Luminescent bacteria
- \* Marine Bacteriology
- \* Marine Actinomycetes
- \* Marine Mycology
- \* Sea food microbiology
- \* Marine Industrial products
- \* Marine Bioproducts
- \* Bioplastics
- \* Biofouling
- \* Probiotics
- \* Microbial pigments
- \* Purification of bioactive metabolites
- \* Medicinal Chemistry
- \* Biochemistry of natural products
- \* Ethnopharmacology
- \* Microbial secondary metabolites
- \* Quorum sensing in bacteria
- \* Biofertilizers
- \* Biopesticides
- \* Bioremediation
- \* Environmental Microbiology
- \* Mutation of microbes
- \* Fluorescent pseudomonads
- \* Plasmid biology
- \* Horizontal gene transfer
- \* Herbal Technology
- \* Enzyme technology
- \* Other areas of student interest

## AMET Biotech Outsourcing Unit

This Unit will facilitate the identification of bacteria and actinomycetes through 16SrRNA at reduced costs for the benefit of students.

### Fee details

For both projects and trainings the fee is Rs. 5000 per month. Projects less than two months are not permitted. But summer projects are offered for a period of one month. The fee includes the cost of all chemicals and other consumables. No accommodation facilities assured but assistance will be provided. However, food will be provided at a very nominal cost, on special request. Fee can be paid at the time of joining either as cash or DD in favor of AMET payable at Chennai.

### Publications

Students will be assisted to publish their completed project works in scientific journals and communicate in national and international conference/symposia. All project works done in our Laboratory would be made as publications with the contribution of respective students.

### How to apply?

Interested students may obtain the application from the Dean of Life Sciences, AMET University in the following address or through e mail (ametmarinebiotech@gmail.com) and the same need to be forwarded officially by their Head of the Department.

Registrations are restricted for 15 participants only per batch. Kindly contact us and make your registrations well in time with advance payments. Since 2009, we have provided project and training guidance to 53 selected candidates only from India and abroad. We impart quality training and research experience by taking minimum number of candidates per batch.

### Address for correspondence

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