

DBT- Sponsored



Bharathidasan University



*Short term
Training on
Advanced
Research
Techniques
For life science studies*



February 8 - 19th, 2010

Organized by

NATIONAL FACILITY FOR MARINE CYANOBACTERIA

(Sponsored by DBT, Govt. of India)



BIOINFORMATICS CENTRE

(Sponsored by DBT, Govt. of India)

DEPARTMENT OF MARINE BIOTECHNOLOGY

Bharathidasan University,

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For Further Details Contact

Course Co-ordinators

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&

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OVERVIEW

The **NATIONAL FACILITY FOR MARINE CYANOBACTERIA (NFMC)** (*Sponsored by DBT, Govt. of India*), Department of Marine Biotechnology, School of Marine Sciences, Bharathidasan University, Tiruchirappalli, Tamil Nadu is organizing workshop entitled **SHORT-TERM TRAINING ON ADVANCED RESEARCH TECHNIQUES (START)** from **8th to 19th February 2010**.

The workshop is planned for advanced research techniques, which would be helpful to the mid career scientists and teachers engaged in biotechnological research. The course is designed to provide the participants with the knowledge and practical skills especially in marine biotechnology. The objectives of the course are,

- ∞ To provide high quality 'hands-on' training and expose the researchers and teachers to advanced research techniques and impart principles from basic to advanced level on different important macromolecular separation such as Electrophoresis, 2D PAGE and Chromatographic techniques.
- ∞ To train the participants to various cloning strategies and methods such as gene cloning - electroporation, and PCR.
- ∞ Two days field trip to Southern Indian Marine Hotspot Gulf of Mannar and the marine paradise, The Kurusadai Island is planned. This will expose the participants to rich marine flora and fauna in the natural habitat. Participants will also be taken to two marine research stations CSMCRI (CSIR, Govt. of India) & CMFRI (ICAR, Govt. of India).
- ∞ Workshop also throws light in the field of bioinformatics from basics to databases, analysis at nucleic acid and protein level and phylogeny.

Who?

Faculty / Scientist/ Scholars who are actively involved in research / teaching in the area of Biotechnology.

How to Apply?

- Individuals can send their application on plain paper along with their bio-data with a brief write up on the immediate relevance of these workshops to their research / teaching.
- Applications should be sent through proper channel so as to reach here **on or before 11th January, 2010** super-scribed as "Application for START" on the envelope
- E-mail applications are also accepted provided if it is followed by proper channel application.
- Number of participants will be restricted to only twenty.

Cost?

- Selected candidates on intimation should send their demand draft for Rs. 1000/- (*Non Refundable Registration fee, Inclusive of information kit, accommodation and food, field trip 2 days to Mandapam, Rameshwaram and Kurusadai Island etc*) to

D. Prabakaran,

Bharathidasan University

Payable at Tiruchirappalli on or before 1st Feb 2010.

- Selected candidates will be intimated by e-mail / phone by **12th January, 2010**.
- **TA & DA is not admissible.**

How to Reach?

Tiruchirappalli is located in the heart of Tamil Nadu well connected by road, rail and airways. The University is located on Pudukottai Road (15km) from the Tiruchirappalli Central bus stand and railway station. City and mofussil buses are available from bus stand. Place of accommodation will be intimated after selection.