

## About the Workshop

To provide hands on training on molecular identification of microbes, phylogenetic analysis and to appraise researchers with its applications in biological research. The Topics include: Introduction to Microbial diversity and Phylogenetics; Primer Designing; Ribosomal RNA typing through PCR/cycle sequencing/T-RFLP; Sequence Analysis; Phylogenetic analyses; Demo on Confocal Laser Scanning Microscopy (CLSM), Real-Time PCR, DGGE and data analyses.

## Level of Participants

Young Academicians / Scientists / Research Scholars and PG Students from academic, scientific and Industrial setups working or desirous of working in the area of Biotechnology, Microbiology, Biochemistry and various other branches of Life Sciences are invited to attend the workshop.

## Registration Fee

1. Rs. 500 /- for Students/ Research Scholars
2. Rs. 1000 /- for Academicians / Scientists

The registration fee includes Workshop Material and food for all the three days of the Workshop. **The selected candidates upon intimation may send/bring the DD for the amount specified.**

## Number of Participants: 20

## Accommodation

Alagappa University Hostels Rs. 100 per day (on sharing basis). Accommodation in Hotels will be arranged on advance request.

## How to reach Karaikudi

Karaikudi can be reached from Madurai / Trichy Airports / Railway stations in 2 hours time.

## Deadline

For the receipt of filled in Registration Form: **08<sup>th</sup> February 2012.**

## Organizing Committee

**Chief Patron : Prof. S. Sudalaimuthu**  
Vice Chancellor  
Alagappa University

**Patron : Dr. T. Madhan Mohan**  
Advisor to Govt. of India  
DBT, New Delhi

## Advisory Committee:

1. **Prof. K. Dharmalingam**  
Madurai Kamaraj University
2. **Dr. Hemant J. Purohit**  
NEERI, Nagpur
3. **Prof. P. Gautam**  
Anna University Chennai
4. **Prof. S. Krishnaswamy**  
Madurai Kamaraj University
5. **Dr. K. Sekar**  
Indian Institute of Science
6. **Dr. Mugasimangalam C. Raja**  
Genotypic Technology, Bangalore

## Organizing Secretary:

**Prof. S. Karutha Pandian**  
Coordinator: BIF  
Alagappa University

## Executive Members:

**Dr. K. Balamurugan,**  
**Dr. A. Veera Ravi,**  
**Dr. M. Ramesh,**  
**Dr. K. Pandima Devi**  
Department of Biotechnology  
Alagappa University

# National Workshop on Microbial Diversity: DNA to Database

22<sup>nd</sup> – 24<sup>th</sup> February 2012

Organized by



**Bioinformatics Infrastructure Facility**  
**Department of Biotechnology**  
(UGC-SAP and DST-FIST & PURSE Sponsored Department)  
**Alagappa University**  
(A State University Re-accredited with 'A' Grade)  
**Karaikudi 630 003**  
**Tamil Nadu**

Sponsored by



**Biotechnology Information System**  
**Department of Biotechnology**  
**Ministry of Science and Technology**  
**Government of India**  
**New Delhi**

## About us

Alagappa University, re-accredited with 'A' Grade by UGC's National Assessment and Accreditation Council (NAAC), came into existence by a Special Act of the Government of Tamil Nadu in May 1985 with the objective of fostering research, development and dissemination of knowledge in various branches of learning. This University has emerged from the galaxy of institutions initially founded by the great philanthropist and educationist Padmabushan Dr. RM. Alagappa Chettiar.

The Department of Biotechnology was established in the year 2001. The department offers a two year M. Sc., Degree Programme in Biotechnology with specialization in Marine Biotechnology from the Academic year 2002 - 2003. The graduated students of the M.Sc., Biotech have secured top ranks in the CSIR-NET-JRF (such as 3, 65, 157 etc) and GATE. Eight candidates have completed their Doctoral programme and 33 more are pursuing their PhD programme as full time Research Scholars. The Faculty Members of the Department have completed several research projects of national and global importance such as Biotechnology for Leather (under CSIR-NMITLI), Environmental Impact Monitoring of Sethusamudram Ship Channel Project (SSCP; funded by DCI), DST-Young Scientist Scheme & DBT-RGYIP and are currently undertaking 12 research projects funded by DBT, DST, CSIR, ICMR, UGC and ITC. The Department has won several recognitions at the national level such as UGC-SAP, DST-FIST and DST-PURSE etc. The Faculty Members have published more than 60 research papers in peer reviewed international journals with an average impact factor of 2 during the past two years.

The Department also houses a National Facility in the form of Bioinformatics Infrastructure Facility funded by the Department of Biotechnology, Government of India which was established in the year 2006. This facility is having 10 Mbps and 2 Mbps broadband internet connectivity and has high/medium end servers and state of the art desktop machines and softwares required for teaching and research in bioinformatics.

## Tourist Places of Importance

1. Chettinad Palace: It is about 20 min drive from Alagappa University. The 110-year-old Chettinad Palace is an outstanding specimen of the Chettinad architecture.

2. Pillayar Patti Lord Ganesh Temple: This rock-cut temple located about 12 km from Karaikudi was constructed after hewing a hillock by the early Pandya kings.
3. Kundrakudi Murugan Temple: Positioned 10 km from Karaikudi, Arulthiru Shanmuganathan Holy Temple was built around the year 1000 AD.
4. Thirukostiyur Temple: One of the significant 108 Vaishnava temples. It is about 25 km from Karaikudi.
5. Thiruvenkadamudaiyan – Then Tirupathi: This 100-year-old vast temple complex, consecrated to Lord Srinivasa Perumal, is also referred to as Then Tirupati. It is just 4km from the Alagappa University Campus.
6. Rameshwaram is 130 Km from Karaikudi.

**For further details:** Please visit

<http://www.alagappabiotech.org>  
<http://www.alagappauniversity.ac.in>

- NB : 1. All further intimations will be sent by E-mail.  
2. For updated info, please visit our website <http://www.alagappabiotech.org>

### Address for Communication:

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# National Workshop on Microbial Diversity: DNA to Database



22<sup>nd</sup> – 24<sup>th</sup> February 2012

Alagappa University, Karaikudi - 630003

## REGISTRATION FORM

Name : \_\_\_\_\_

Gender : \_\_\_\_\_

Date of Birth: \_\_\_\_\_

Educational Qualification: \_\_\_\_\_

Designation: \_\_\_\_\_

Department/Division \_\_\_\_\_

Official Address: \_\_\_\_\_

Phone: Landline \_\_\_\_\_ Mobile \_\_\_\_\_

E-mail: \_\_\_\_\_

Accommodation required: Yes / No

Signature of the Applicant

NB: The selected candidates upon intimation may send/bring the DD for the amount specified.

To register, complete the above registration form and send it so as to reach the Coordinator, Bioinformatics Infrastructure Facility, Department of Biotechnology, Alagappa University, Karaikudi 630 003 by 08<sup>th</sup> February 2012

NB: Applications can also be downloaded from the website [www.alagappabiotech.org/](http://www.alagappabiotech.org/) Photocopy of this format may also be used .