

Workshop on
"Basic Molecular Biology Techniques"

21st to 29th May, 2018

Department of Botany, Bharathiar University, Coimbatore - 641 046

REGISTRATION FORM

Name of the Applicant : _____

Present Position : _____

Address for Communication : _____

Contact Number : _____

Email ID : _____

Gender : _____ Age : _____ Date of Birth : _____

Educational Qualifications : _____

Research Experience : _____

Area of Research : _____

Details of Registration fees : DD No _____ Amount Rs. _____

Name of Bank _____ Branch _____ Dated _____

Date : _____ Signature of the Candidate _____

Address for correspondence

For any queries regarding participation, you are welcome to contact:

Dr. K. Vasanth

The Organizing Secretary- BMBT -2018

Assistant Professor, Department of Botany

Bharathiar University, Coimbatore - 641 046

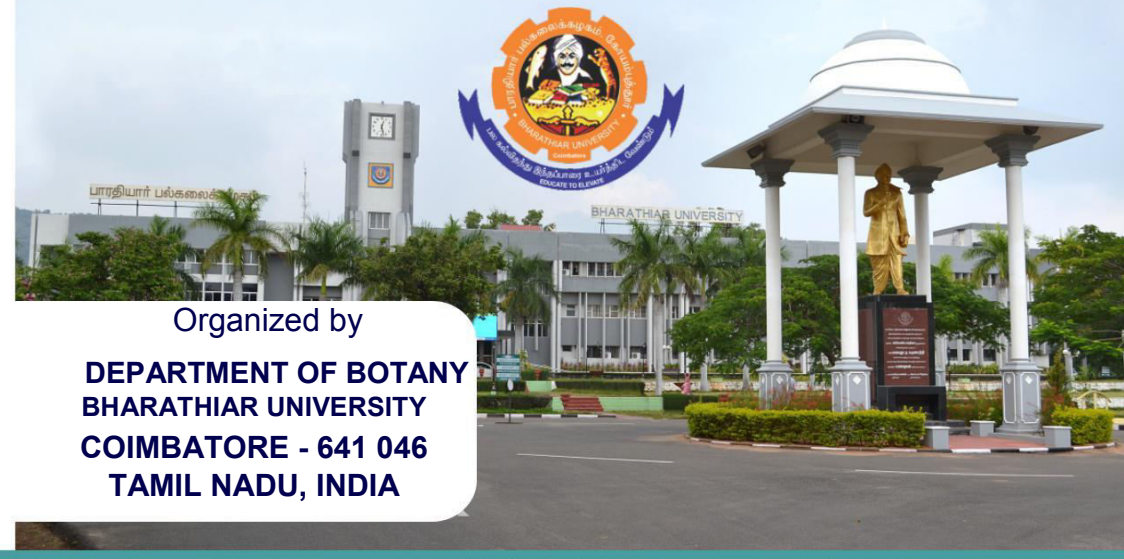
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Email : vasanthlabbu@gmail.com



Workshop on
Basic Molecular Biology Techniques

21st to 29th May, 2018



Organized by

**DEPARTMENT OF BOTANY
BHARATHIAR UNIVERSITY
COIMBATORE - 641 046
TAMIL NADU, INDIA**

BACKGROUND AND SCOPE:

Molecular biology is the field of biology that deals with the study of the structure and function of living system at the molecular level. The branch focuses mainly on DNA, RNA, protein synthesis and their regulatory mechanism. A molecular biologist aims to understand the function of cells at molecular level. The competition is expected to be less as compared to other fields of basic and applied sciences. Molecular and cell biologists find employment opportunities in research labs established by Government of India or in the R & D departments of various private drug companies. They can work on developing therapeutic drugs to working on stem cell research and in many other areas within the medical development field.

ABOUT DEPARTMENT

The Department of Botany, established in July 1977, is offering M.Sc., M.Phil. and Ph.D. programmes in Botany. It has a long tradition of research in various fields such as Mycology, Microbiology, Molecular Biology, Bioprospecting, Phytochemistry, Pharmacology, Tissue culture, Reproductive Biology, Cytogenetics, Ethnobotany and Plant Systematics. The Department instituted a new Masters programme in Bioinformatics for the first time in the country during 2001 which has been elevated as an independent Department in the year 2006. The Department of Botany has received the support of DST- FIST grant in the year 2011 and UGC-SAP grant in the year 2015. So far the department has produced 143 Ph.D and 225 M.Phil Scholars. Apart from 15 books / monographs, the faculty members and the students have published a total of 950 research papers in both national and international journals. The faculty members have so far completed 36 research projects funded by various national and international agencies and have filed several patents. The department also hosts INSPIRE fellows, Rajiv Gandhi National Fellows, NET, GATE and SET cleared candidates. It has been envisaged at the time of establishment of the Department that the research outcome will benefit both the academic and the society.

OBJECTIVES OF THE COURSE

This summer short term training course covered with the basic aspects of Molecular Biological Techniques. This training mainly helps to students and research scholars for improving the skills and knowledge in the plant diversity, Biotechnology, phytochemistry, Cell and molecular techniques.

- To enhance the knowledge in the plant identification techniques.
- To improve the skills on the plant tissue culture & genetic engineering techniques.
- To develop the skills on phytochemistry, natural antioxidant and HPLC techniques.
- To learn the Real time PCR and Western blot techniques.

WHO SHOULD ATTEND?

The short term training course is specifically designed for M.Sc. students and Research Scholars are requested to send their application to the "Organizing Secretary" before 16th May, 2018.

Total Number of Participants	:	20
Registration fee	:	Rs. 3500/-

The registration fee should be sent through Demand Draft drawn in favour of "Organizing Secretary-BMBT-2018" payable at Bank of India, Bharathiar University branch, Coimbatore. Food and Accommodation is being arranged for the delegates in the University International hostel. The registration fee does not include accommodation charges. Tea, Snacks and lunch will be arranged for all delegates.

ORGANIZING COMMITTEE

Chief Patron

Thiru. Sunil Paliwal, IAS.,
Convener, Vice-Chancellor
Committee

Patron

Dr. N. Jeyakumar
Member, Vice-
Chancellor Committee

Dr. P. Thirunavukkarasu
Member, Vice-Chancellor
Committee

Dr. B. Vanitha
Registrar i/c

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Dr. A. Rajendran
Head, Department of Botany

Organizing Secretary

Dr. K. Vasanth
Assistant Professor
Department of Botany

Co-organizing Secretary

Dr. S. Selvakumar
Assistant Professor
Department of Biochemistry

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Dr. K. Chitra, Assistant Professor
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