

One-day National Workshop on

**MOLECULAR DIAGNOSTICS FOR  
PATHOGENIC BACTERIA - IV**

22<sup>nd</sup> June 2019

**REGISTRATION FORM**

Name :

Degree/Branch:

College/ Institution:

Address for Communication:

Mobile No:

E.mail ID:

Date:

Place:

Accommodation : YES / NO

*Details of Demand Draft*

DD No.

Date:

Bank:

Amount:

(Copies of this form can be duplicated)

Signature of the applicant

**ADVISORY COMMITTEE**

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Dean PDS

Dr. K. Sivakumar

Dean Academics and TDS

Dr. P. Thangaraj

HOD - Biotechnology

Dr. K. P. Kannan

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Dr. Arunava Das, Associate Professor

Secretaries

Dr. S. Sudheer Khan, Assistant Professor

Mrs. J. Bindhu, RA cum Asst. Professor

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44, Balaji Nagar Ext-III

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In Collaboration with



**POLAR ANALYTICAL PVT. LTD., CHENNAI**

Organized by



**Institutional Biosafety Committee, BIT**

&

**Molecular Diagnostics and Bacterial  
Pathogenomics Research Laboratory**

**Department of Biotechnology**

**Bannari Amman Institute of Technology**

(An Autonomous Institution Affiliated to Anna University,  
Chennai, Accredited by NBA & NAAC with 'A' grade)

Sathyamangalam-638401, Erode Dt., Tamil Nadu

## One-day National Workshop on

### MOLECULAR DIAGNOSTICS FOR PATHOGENIC BACTERIA - IV

22<sup>nd</sup> June 2019

#### About the Department

The Dept. of Biotechnology was established in the year 2002. It offers B.Tech. and M.Tech. Biotechnology programmes under Anna University, Chennai and accredited by NBA. The Department has well qualified and experienced faculty members and well-equipped laboratories to teach and conduct research in multifarious areas such as Molecular Diagnostics, Molecular Biology, Environmental Biotechnology, Biochemistry, Bio-organic Chemistry, Microbial Biotechnology, Enzyme Engineering, Cancer Biology, Polymers and Bioprocesses Engineering. The Department has organized many seminars, staff/faculty/entrepreneur development programmes and workshops sponsored by Anna University, AICTE, DRDO, DST, UGC, DSIR and TNSCST related to Biotechnology. The Department also has externally funded sponsored research projects, and spearheads a Technology Business Incubator (BIT-TBI), a joint venture of DST and BIT to encourage entrepreneurs to convert their novel ideas into commercial products. The thrust area of TBI is the application of Biotechnology in agriculture, rural and industrial sectors. The Department has also been recognized as a research centre by Anna University, Chennai for guiding research scholar leading to Ph.D.

#### Bannari Amman Institute of Technology

Bannari Amman Institute of Technology (BIT) is an AICTE approved, ISO 9001: 2000 Certified Self-Financing Autonomous Engineering College affiliated to Anna University, Chennai, Tamil Nadu. Situated in serene surroundings near the banks of River Bhavani at the foot hills of Nilgris, Sathyamangalam, it was established in the year 1996 in a sprawling campus of 180 acres with a built-up space of more than 26 lakh square feet by the Industrialist and Philanthropist Shri. S.V. Balasubramaniam, Chairman of the Bannari Amman Group, a leading corporate house in South India with

a vision to uplift the rural people by imparting technical education of global standard. The Institute offers 19 UG and 15 PG programmes in Engineering, Management and research programmes in M.S./Ph.D. It has many laurels to its credit such as accreditation by NAAC with A grade for five years, NBA accredited courses, Best Engineering College Award by ISTE, New Delhi, Mindlogicx Infratec Ltd. Silver Medal Award for the Best Institute-Industry Linked Engineering College instituted by AICTE-CII for the year 2012.

#### About the Workshop

Diagnostics and Clinical Bacteriology are the emerging and fastest growing sectors of healthcare and agriculture biotechnology. These sectors are in dire need of skilled manpower and expertise to meet the demands and take up future challenges. To fulfill this, the Department of Biotechnology of BIT has taken up an initiative to disseminate knowledge to students and research scholars on pathogen diagnosis using molecular techniques of Biotechnology. On successful completion of this workshop, participants will be able to carry out challenging projects and mini projects in this area.

#### Workshop Objectives

- ✦ To develop research skills in the area of molecular diagnostics among students and research scholars
- ✦ To generate human resource with skills and expertise in molecular diagnostics and clinical bacteriology
- ✦ To learn molecular tools and techniques for rapid detection of food borne pathogens.

#### Topics covered

1. Working on Biosafety Cabinet
2. Food & Water borne pathogen isolation
3. Rapid DNA extraction & quantification
4. PCR & Real Time PCR assays for pathogen screening
5. Operation in Gel documentation and Image analyzing

**Total Duration:** One day

**Date:** 22<sup>nd</sup> June 2019

**Participants:** Students & Research Scholars

**No of participants:** maximum 25  
**(First come first serve basis)**

**Registration Fee details\***

**Students & Research Scholars: Rs.500/-**

*\*Registration fees cover practical sessions, registration kit, lunch and refreshment.*

Participants should confirm their registration on or before **18.06.2019** by remitting the registration fee through a Demand Draft from any Nationalized Bank, favoring **Principal, Bannari Amman Institute of Technology** payable at **Sathyamangalam**. **SPOT Registration is also available.**

*Please send the Registration Form filled in all aspects along with DD to:*

**Dr. Arunava Das, Associate Professor  
Convenor- MDPB-IV - 2019**

Molecular Diagnostics and Bacterial Pathogenomics  
Research Laboratory

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**For further details, please contact**

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