

One day National Workshop on

**RAPID DETECTION OF FOOD  
BORNE PATHOGENS - III**

15<sup>th</sup> December 2018

**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**

Principal

Dr. C. Palanisamy

Dean PDS

Dr. K. Sivakumar

Dean Academics and TDS

Dr. P. Thangaraj

Director Biopharma Research

Dr. V. Selvaraj

HOD - Biotechnology

Dr. K. P. Kannan

**ORGANISING COMMITTEE**

Convener

Dr. Arunava Das, Associate Professor

Coordinators

Dr. S. Tamilselvi, Associate Professor

Mrs. J. Bindhu, RA cum Asst. Professor

Co-coordinators

Ms. S. Porselvi, RA

**SPONSORED BY**



**PRITHVI AGRICARE PVT. LTD.**  
Bangalore

One day National Workshop on

**RAPID DETECTION OF FOOD  
BORNE PATHOGENS - III**

15<sup>th</sup> December 2018



Sponsored by



Organized by



**Institutional Biosafety Committee  
&**

**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

### **RAPID DETECTION OF FOOD BORNE PATHOGENS - III** 15<sup>th</sup> December 2018

#### **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 26 lakh sq. ft. by the Industrialist and Philanthropist Shri. S. V. Balasubramaniam, Chairman of 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 15 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 Department**




The Dept. of Biotechnology was established in the year 2003. 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.

#### **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.

#### **Program 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.

#### **Contents**

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

**Date: 15<sup>th</sup> December 2018**

**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 **10.12.2018** by remitting the registration fee through a Demand Draft from any Nationalized Bank, favoring **Principal, Bannari Amman Institute of Technology** payable at **Sathyamangalam**.

**On spot registration is also available. Kindly contact the organizers in Advance.**

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

**Dr. Arunava Das**

**Convener– RDFBP-III - 2018**

Molecular Diagnostics and Bacterial Pathogenomics Research Laboratory

Department of Biotechnology  
Bannari Amman Institute of Technology  
Sathyamangalam – 638 401

**Mobile : 9751882590; Phone : 04295-226258**

Email: arunavadas@bitsathy.ac.in

**For further details please contact**

**Coordinators–RDFBP-III- 2018**

**Dr. S. Tamilselvi - 9942588072**

**Mrs. J. Bindhu - 9047768431**

**Ms. S. Porselvi - 7550353850**

Email IDs:

tamilselvis@bitsathy.ac.in

bindhu@bitsathy.ac.in

porselvi@bitsathy.ac.in