

The Registration fee amount should be transferred to the following account:

**Account Number:** 117001002089882  
**Account Name:** BIOTECH ASSOCIATION  
**Account Type:** Saving A/C  
**Bank Name:** City Union Bank  
**Branch:** Tambaram  
**IFSC Code:** CIUB0000117

**Important Dates:**

Date of Workshop: November 15-16, 2018.  
Last date for registration: November 10, 2018.  
Spot registration is also available.

**Workshop Registration Form**

**Eligibility: Only Medical Practitioners, Junior and Senior Residents, Post-Graduates and CRRIs**

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

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

**Name of the Hospital:** \_\_\_\_\_

\_\_\_\_\_

**Mailing Address :** \_\_\_\_\_

\_\_\_\_\_

**Mobile:** \_\_\_\_\_

**Fax :** \_\_\_\_\_

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

**Patrons**

Dr. T. R. Paarivendhar, Founder Chancellor, SRMIST  
Mr. Ravi Pachamoothoo, Chairman, SRMIST  
Dr. P. Sathyanarayanan, President, SRMIST  
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Dr. M.Vairamani, Dean (School of Bioengineering), SRMIST  
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**Convenors** of Bio-Engineering

Dr. S. Barathi, Associate Prof., Dept. of Biotech, SRMIST  
Mr. M.K. Jaganathan, Asst. Prof., Dept. of Biotech, SRMIST  
Mrs. R. Vasantha Rekha, Asst. Prof., Dept. of Biotech, SRMIST

**Address for Communication:**

The Convener  
Workshop for Medical Practitioners in  
Molecular Diagnostic Techniques,  
Department of Biotechnology,  
School of Bioengineering,  
SRM Institute of Science and Technology,  
www.srmuniv.ac.in  
Kattankulathur – 603203.  
Mobile: 9840061849  
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**WORKSHOP FOR MEDICAL  
PRACTITIONERS IN MOLECULAR  
DIAGNOSTIC TECHNIQUES**



**Organized By**

**Department of Biotechnology  
School of Bioengineering  
Faculty of Engineering & Technology  
SRM Institute of Science and Technology  
www.srmuniv.ac.in**

**November 15-16, 2018**



## About the Workshop

Molecular techniques have introduced a new dimension to clinical laboratory adding a powerful tool to aid in detection, diagnosis and treatment monitoring in almost all disciplines of Medical Laboratory Science. Molecular diagnostics have wide and rapidly growing applications in Molecular Pathology, study of etiopathogenesis in oncology, clinical neurology etc.,. This workshop is intended for medical practitioners and Post graduates to gain a strong foundation on molecular diagnostic techniques. The workshop will be a two days hands-on program, designed to cover basic molecular techniques used in the modern laboratory concentrating on DNA isolation, qualitative and quantitative Polymerase Chain Reaction (qRT-PCR), mRNA PCR profiler array and western blotting. The aim of this workshop is to introduce participants about using DNA information into diagnostic approach

### DAY-1 (November 15, 2018)

09:30 – 10:45 A.M.	INAGURATION
10:45 – 11:00 A.M.	TEA BREAK
11:00 – 11:45 A.M.	INVITED LECTURE <b>Dr. R. M. Boopathy</b> Professor, Department of Neurology, Tamil Nadu Government Multi-Super Specialty Hospital, Chennai.
11:45 – 01:00 P.M.	SESSION – I <b>Isolation of Genomic DNA from whole blood</b>
01:00 – 01:45 P.M.	LUNCH
01:45 – 04:00 P.M.	SESSION – II <b>Quantitative RT-PCR</b>
02:45 – 03:00 P.M.	TEA BREAK

### DAY-2 (November 15, 2018)

09:30 – 10:30 A.M.	INVITED LECTURE <b>Dr. Allen J Freddy</b> Assistant Professor, Department of Zoology Madras Christian College, Tambaram, Chennai.
10:30 – 11:30 A.M.	SESSION – I <b>mRNA PCR profiler array from serum</b>
11:30 – 11:45 A.M.	TEA BREAK
11:45 – 01:15 P.M.	SESSION – II <b>Western Blotting</b>
01:15 – 02:00 P.M.	LUNCH
02:00 – 03:45 P.M.	<b>Valedictory Function and Certificate Distribution</b>
03:45 – 04:00 P.M.	TEA BREAK

## Registration Details

Registration Fee: INR 500/-

Number of participants is restricted to maximum of 20. Participants willing to register should send the completed registration form to [barathi.s@ktr.srmuniv.ac.in](mailto:barathi.s@ktr.srmuniv.ac.in). Selected participants will be intimated (purely based on first come first serve basis) based on the payment of registration fees.

Registration form can also be downloaded from the dept. website

The Registration fee amount may be paid through online remittance to the following account or through demand draft drawn in favor of "BIOTECH ASSOCIATION" payable at Chennai.

## About the University

SRM Institute of Science and Technology (formerly known as SRM University), ranked as No.1 Private Engineering Institute in India and accredited by NAAC with A++ Grade has over 50,000+ students and 3200+ faculties, offering wide range of under graduate, post graduate and doctoral programs in Engineering, Management, Medicine, Health Sciences and Science and Humanities. Over the past two decades, SRM Institute of Science and Technology has set standards in pragmatic education system and knowledge conception across various fields. The Institution has reached beyond the borders to universities and corporate across India and around the world.

## Department of Biotechnology

The Department of Biotechnology at SRM Institute of Science and Technology is well known for its advanced academic curriculum and advanced research. The department is built with various technical laboratories in the field of Biotechnology under one roof. "Department of Biotechnology" is equipped with state of-the-art essential as well as advanced instruments for teaching and research activities. The department has been successful in conducting national and international level conferences and workshops annually. There are technical experts in various fields of research including Neurobiology, Molecular Immunology, Infection Biology, Stem cell Research, Cancer Biology, Tissue Engineering, Environmental Biotechnology, Bioprocess Engineering and Bioremediation. The Department also has various government funded research projects from DBT, DST, ICMR, CSIR and private agencies. The School of Bioengineering is supported by DST-FIST, to strengthen the infrastructure facilities.