3-Day National Workshop on Real-Time PCR: From Primer Design to Sample Analysis and Data Interpretation

Organized by

INTER UNIVERSITY CENTRE FOR GENOMICS & GENE TECHNOLOGY (IU-CGGT)

UNIVERSITY OF KERALA

NOVEMBER 18 -20, 2026
VENUE: CLIF, University of Kerala, Kariavattom Campus

Keynote Speaker



Dr. Radhakrishnan R.
Scientist G, Head, LMMD Head (Operations), RGCB-MLS Chief Scientific Officer, Molecular Forensics & DNA Technologies; IT Head (Faculty)

BRIC-Rajiv Gandhi Centre for Biotechnology (RGCB), Thiruvananthapuram

TECHNICAL SESSIONS



Dr. Shivranjani C Moharir
Senior Scientist
Tata Institute for Genetics and Society, Bengaluru



Dr. Susha Subash
Scientist C
ICMR- National Institute of Virology, Bengaluru



Heera Pillai R.
Technical Officer
BRIC-Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram



Dr. Harish Srinivasan
Sr. Field Application Specialist
Bio-Rad Laboratories

Registration Link:
https://forms.gle/Cpk2LBJFL5P6kK5F9

Registration fee: 1500 INR

Seats : 30

Note: After your registration is confirmed, you will be provided with the details for payment of the registration fee.

Last date of Registration: November 10, 2026

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INTER UNIVERSITY CENTRE FOR GENOMICS & GENE TECHNOLOGY (IU-CGGT)

UNIVERSITY OF KERALA, KARIAVATTOM CAMPUS, PIN - 695581

Inter University Centre for Genomics and Gene Technology (IU-CGGT)

The Inter-University Centre for Genomics and Gene Technology (IU-CGGT) was established in 2010 at the University of Kerala. The centre provides state-of-the-art research infrastructure and instrumentation to facilitate genomics research, interdisciplinary collaboration, and skill development. Its facilities include molecular biology and microbiology laboratories, cell culture facilities, and specialized analytical instruments, including real-time PCR systems. IU-CGGT also organizes academic training programmes and workshops to strengthen practical skills and research expertise in emerging areas of life sciences. The primary mission of the centre is to support faculty members, research scholars, and students from universities, colleges, and research institutions in pursuing their genomics-related research endeavours

About the Workshop

The 3-Day National Workshop on “Real-Time PCR: From Primer Design to Sample Analysis and Data Interpretation” aims to provide participants with essential theoretical knowledge and hands-on training in real-time PCR (qPCR) technology. The programme will cover key aspects of experimental design, primer design, RNA extraction, cDNA synthesis, reaction setup, and Real-Time PCR. Participants will gain practical exposure to real-time PCR instrumentation, amplification curve analysis, Ct/Cq value determination, and gene expression analysis using appropriate quantification methods. The workshop will integrate expert lectures, demonstrations, and hands-on laboratory sessions to strengthen participants' technical skills in applying real-time PCR for molecular research, gene expression studies, and diagnostic applications.

Organizing Secretary:

Prof. (Dr.) R. Rajalakshmi
Hon. Director
IU-CGGT

For more Queries.....

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