

**ONE DAY INTERNATIONAL HANDS-ON WORKSHOP**  
On  
**Real-Time PCR**

**About the Workshop**

This one-day hands-on workshop provides practical training in Real Time PCR–based gene expression analysis. Participants will learn essential techniques, including RNA isolation, cDNA synthesis, primer designing, experimental setup, and data analysis. The program combines classroom instruction with laboratory practice to ensure conceptual clarity and technical confidence. It is suitable for both beginners and researchers seeking to strengthen their RT-PCR skills.

**WHO CAN APPLY?**

- Faculty Members, Research Scholars and Master's students from any SAARC country with a background in Biological Science.



**LIMITED SEATS**  
20 Participants



**MSc Lab, FLSB**  
<https://maps.app.goo.gl/z1ZDcC2DDzKihWCn8>



**May 26th, 2026**



**10 am- 5 pm**

**Skill you will develop**

**Lecture Modules:**

- Real-time PCR-based Gene Expression Analysis.
- Data analysis and interpretation strategies
- Detailed discussion on RNA isolation, cDNA preparation and Primer design
- Troubleshooting

**Practical Modules:**

- Designing RT-PCR reactions (primer selection, controls, master mix planning)
- Reaction setup and optimization techniques
- Real-time PCR machine setup and data analysis



**REGISTRATION DEADLINE**

**30 APRIL, 2026**



**REGISTRATION FEE**

**INR 2,000**

**Payment:**



**Registration:**



**Convener**

Dr Ananda Mustafiz,  
Associate Professor, FLSB

**Chairperson**

Prof. Ritu Gaur,  
Dean, FLSB



Accommodation is not included. Hostel accommodation may be arranged on request (additional charge applies)



**Instructors**

- Dr. Charu Gupta
- Simple Kumari
- Arushi Jain
- Abdullah Al Mohit