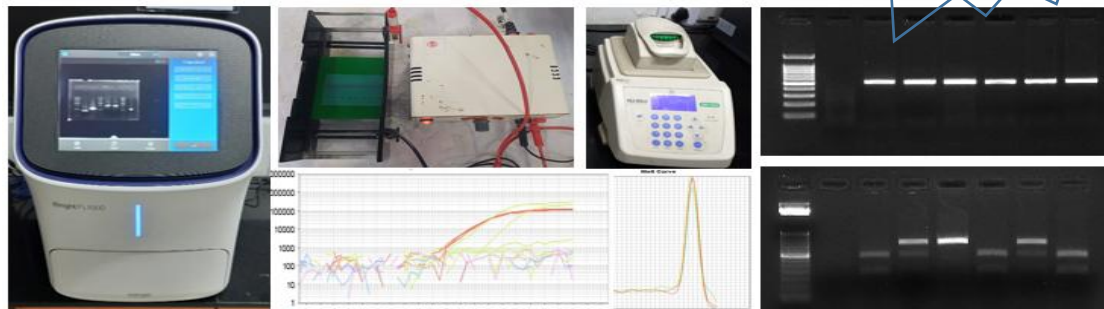


Hands-on training program on

Basic Molecular Biology Techniques

11-16 May 2026



**University-Approved
 Two Credits
 Certification Course**

➤ **Lectures:**

- Do's and Don'ts in a Molecular Biology Laboratory
- Principle of Genomic DNA isolation
- Agarose Gel Electrophoresis
- End-time Principles of PCR & Real Time-PCR
- DNA fingerprinting

➤ **Training Components:**

- Aseptic Techniques and Micropipetting
- DNA isolation (blood and saliva)
- Agarose Gel Electrophoresis
- PCR & RT-PCR
- Criminal investigation (mock) by DNA fingerprinting



Fee Structure

Academia/CHARUSAT Alumni:

Rs. 4000 + Rs. 720 (18% GST) = **Rs 4720/-**

Industry:

Rs. 8000/- + Rs. 1440 (18% GST) = **Rs 9440/-**

Limited Seats

10

Lunch Included

Registration and Fee Payment

<https://forms.gle/hssif4eT7Bnvc1wt7>

Last Date: 15 April 2026

Accommodation

Available on a chargeable basis

Intended participants

UG 4th semester completed/PG/PhD Students/
 Faculty members/Industrial Personnel

Venue and Contact Details

Dr. K C Patel R & D Centre (KRADLE), CHARUSAT

Contact Person: Dr. Neeraj Jain

Email: neerajjain.as@charusat.ac.in

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About CHARUSAT and KRADLE: CHARUSAT was established in 2009 under the Gujarat State Act No. 8 of GoG and recognized by UGC under section 22 of UGC act 1956. Accredited A+ grade by National Assessment and Accreditation Council, Gol and Centre of Excellence by GoG. Offers programs in Technology & Engineering, Pharmacy, Computer Applications, Management Studies, Applied Sciences, Nursing, Physiotherapy, and Paramedical Sciences. Dr. K C Patel R & D Centre (KRADLE) of CHARUSAT is a multidisciplinary research centre with a focus on basic and applied research in healthcare, energy and environmental technologies with objectives to undertake sponsored research and consultancy, collaborate with academic and research institutes, disseminate new knowledge through publications,

About the program:

It is university approved two credits value added industry oriented certificate course that will aid participants in becoming acquainted with the aseptic techniques in molecular biology, DNA isolation from different sources, Agarose gel electrophoresis, PCR and Real-time PCR and DNA fingerprinting.

Organized by

Dr. K C Patel R&D Centre (KRADLE)

Charotar University of Science & Technology (CHARUSAT)

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