

CIRCULAR

Kamdhenu University and Gujarat Biotechnology Research Centre, GoG, Gandhinagar, Gujarat, jointly organizes Short Term Hands on Training Programme in "Basic Molecular Techniques", during June 24-28, 2019, at venue mentioned below.

Gujarat Biotechnology Research Centre

MS Building, Block B & D, 6th Floor, GH Road, Sector-11, Gandhinagar, Gujarat-382011

Topics to be covered

1. Laboratory setup, reagents preparation (T&P)
2. Extraction of DNA from animal tissue and soil sample
 - Phenol-chloroform method (T&P)
 - CTAB method (T&P)
 - Commercial kit (T&P)
3. Agarose gel electrophoresis (T&P)
4. Quality and quantity check of DNA (T&P)
5. PCR (T&P)
6. PCR primer designing (T&P)

A Course Fee of Rs. 5000/- is to be paid at the time of Registration or as DD, drawn in favor of "**Kamdhenu University Fund**", payable at Gandhinagar. Course Fee includes training kit, working lunch and tea. A detailed Brochure is enclosed.

Moreover, 15 candidates will be selected based on first come first serve basis. All concerned are requested to send the duly filled Application Form (copy enclosed) by mail to Mr. Sujit Kumar, e-mail : sujit@ku-guj.com, Mobile : 8169429739, latest by June 20, 2019.



Course Fee

Rs.5000/- (Rupees Five Thousand Only), to be paid as Course Fee at the time of Registration or as DD, drawn in favor of "Kamdhenu University Fund" payable at Gandhinagar. Course Fee includes training kit, working lunch and tea.

Last date for receipt of application

The duly filled application should reach (through email) latest by June 20, 2019. Fifteen candidates will be selected based on first come first serve basis. A minimum of 10 participants are desirable.

Training Location

Gujarat Biotechnology Research Centre, MS Building, Block B & D, 6th Floor, GH Road, Sector 11, Gandhinagar, Gujarat-382011.

Contact Persons

Mr. Sujit Kumar, Assistant Professor, KU, Gandhinagar
Mobile: 8169429739
E-Mail: sujit@ku-guj.com

Dr. Poonam Bhargava, Scientist-B, GBRC, Gandhinagar
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E-Mail: scib1-gbrc@gujarat.gov.in



JOINT TRAINING PROGRAMME

by

Kamdhenu University

&

Gujarat Biotechnology Research Centre,
Gandhinagar, Gujarat

Short Term Hands on Training Programme
in Basic Molecular Techniques

June 24-28, 2019



Course Coordinators

1. Mr. Sujit Kumar, Assistant Professor, KU, Gandhinagar
2. Dr. Poonam Bhargava, Scientist-B, GBRC, Gandhinagar

Background

Kamdhenu University (KU) has been established by the Government of Gujarat, vide Gujarat Act No. 9 of 2009. The University is established and incorporated by the State Government as teaching and affiliated University for the development of Veterinary and Animal Sciences and for furthering the advancement of learning, conducting of research and dissemination of findings of research and other technical information in Veterinary and Animal Sciences including Dairy, Fisheries and Allied Sciences, having its Headquarters at Karmayogi Bhavan, Block-1, Wing-B1, 4th Floor, Sector 10A, Gandhinagar, Gujarat-382010.

Government of Gujarat has constituted Gujarat Biotechnology Research Centre (GBRC), for facilitating the development of biotechnology in the State, under the aegis of Department of Science & Technology. GBRC has a scientific staff/positions with specialization in Biotechnology. These scientists are well trained in their field in India/abroad. GBRC has well equipped laboratories having most modern scientific instruments/facilities, having its Head Office at MS Building, Block B & D, 6th Floor, GH Road, Sector 11, Gandhinagar, Gujarat-382011.

Molecular techniques are used widely in biological science research now a days. Techniques such as electrophoresis, PCR, nucleotide sequencing etc. has revolutionized the world of biological science. These techniques are used widely in medical science, environment science, veterinary, fisheries etc. Different

techniques such as DNA isolation, RNA isolation, agarose gel electrophoresis, and quality check of DNA/RNA, PCR etc. are important basic tools of molecular biology. These basic techniques are indeed a need of any molecular biology laboratory. This training program is intended to provide theoretical as well as practical exposure to the basic aspect of molecular techniques.

Topics to be covered

1. Laboratory setup, reagents preparation (T&P)
2. Extraction of DNA from animal tissue and soil sample
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 - CTAB method (T&P)
 - Commercial kit (T&P)
3. Agarose gel electrophoresis (T&P)
4. Quality and quantity check of DNA (T&P)
5. PCR (T&P)
6. PCR primer designing (T&P)

Course Duration

June 24-28, 2019; (5 days)

Eligibility

Graduate and Postgraduate Students, Researchers, Industry personnel working in related field with basic graduate degree in Science subjects.

How to apply

A copy of the duly filled application form in the format as provided along with Brochure may be directly mailed (sujit@ku-guj.com) on or before **June 20, 2019**.





JOINT TRAINING PROGRAMME

of

**Kamdhenu University & Gujarat Biotechnology Research Centre
Gandhinagar, Gujarat**

Date : June 24-28, 2019

APPLICATION FORM

Short Term Hands on Training Programme in Basic Molecular Techniques

1	Name of the Applicant	
2	Designation/ current status	
3	Email ID	
4	Mobile No.	
5	Date of birth	
6	Gender	
7	Highest Degree obtained	
8	Major subject	
9	Name of the organization	
10	Complete address	
11	How this Programme likely to benefit you? (2-3 lines)	
12	What are your expectations from this training programme?	
13	Signature of the Applicant with date	