

**MOLECULAR BIOLOGY & GENETIC
ENGINEERING TECHNIQUES**

Nov 26- Dec 2, 2021

Application Form/Format

Name of Applicant:

Date of Birth (DOB):

Educational Qualification:

Designation:

Research Experience (if any):

Name of Department and Institution address:

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E-mail Id:

Mobile No.:

Signature of Applicant:

Forwarded by:

Signature (With Stamp)

Research Supervisor/Project Coordinator/ Head of the Department/
Institution/University

Notification of acceptance : As per seats allotment

UCB



उत्तराखण्ड शासन

*Under the Aegis of Skill Development Programme
of Uttarakhand Government*

**Workshop cum 'Hands on' Training
on**

**"ADVANCES IN MOLECULAR BIOLOGY
&
GENETIC ENGINEERING TECHNIQUES"
Nov 26- Dec 2, 2021**

Organized by



**Uttarakhand Council for Biotechnology
Govt. of Uttarakhand
Biotech Bhawan, Haldi, Pantnagar**

**Patron
Dr Tej Partap
Director UCB**

**Course Coordinator
Dr. Kanchan Karki
Scientist-B , UCB**

Supportive Committee

- 1) Mr. Amit Purohit 2) Mr O P Varsney 3) Mr. Sachin Sharma 4) Mr Pawan 5. Smt Poonam Singh 6.Smt. Meena Negi and Other UCB staff

About UCB

Initially known State Biotechnology Programme has now been restructured in the name of Uttarakhand Council for Biotechnology (UCB) since November 2014. This Council is an autonomous body of Govt. of Uttarakhand and is working under the guidance of apex governing body of UCB for Biotechnology Education, Research and Development in the state of Uttarakhand.



Training Course background

As part of its mandate, UCB conducts advance workshops on several aspects of biotechnology. This One week workshop offers a combination of theoretical knowledge as well as hands-on training programme in the appropriate area and from eminent scientist of this field, drawn from both within and outside the faculty of UCB. In addition, distinguished expert faculty who have utilized the relevant technologies in their research work will deliver lectures, which emphasize the practical utility of the methods/technologies being discussed. The workshops are typically targeted towards graduate and Post graduate students. Participants will be benefitted from this workshop by broadening their horizons, getting exposure to new ways of addressing questions and exploiting the new technologies and approaches towards making vital advances in biology, biotechnology and biomedicine.

About CEMB

Centre of Excellence for Mountain Biology (CEMB), equipped with the various laboratories

- Molecular Biology and Genetic Engineering Laboratory
- Plant Tissue Culture Laboratory
- Environmental Biotechnology Laboratory



Content

• Principles, techniques and applications of Molecular Biology/ Genetic Engineering.

•Hands on session:

- Genomic DNA isolation, Gel electrophoresis, Nested PCR
- Single nucleotide polymorphism, RAPD, DNA Fingerprinting
- GFP Cloning
- Some immunological & Diagnostic techniques(ELISA, Radial immuno diffusion RID, Blood group test, Widal test)

The above topics will be extensively covered in the form of lectures and presentations delivered by the eminent experts of same area, which will be followed by hands-on-training by **Hi-media Laboratories Pvt. Ltd** and **Aventor Performance Material India Ltd**. Students will also be provided laboratory manual after depositing 100 Rs only.

Eligibility/Qualification of Participants

Participants shall have at least bachelor's degree in any discipline of Biotechnology/ Life Sciences.

Registration Fee-

For UG/PG students-Rs.500/-only.

For Research Scholars/Faculties- 1200/-only.

On spot registration: 1500/- only

Bank: State Bank of India

Branch: Haldi, Pantnagar

Account Number: 34250726089

IFSC code: SBIN0001251

Please send the copy or screen shot of the transaction details to : Mr Sachin Sharma, Accountant (Contact No.-9997999309)

Maximum no. of participants will be 30 only. And selection will be done on first come first serve basis. Registration will be closed and no application will be accepted after filling up of all seats. Participants will be notified about that through our website **www.ucb.ac.in**. Fees includes the refreshment and lunch during the workshop.

Accommodation

During the workshop, any type of accommodation facility will not be provided by the council. Arrangements can be done on demand basis.

A scanned copy of the duly-filled application form along with screen shot of the transaction details must be sent via email at statebiotech@rediffmail.com, ksinghbiophysics@gmail.com