

Online Short Term Course
on

“Technological Developments in Bioprocessing”

23rd- 27th September, 2020

Sponsored By:

TEQIP-3
Technical Education Quality Improvement Programme

Organized by:



*Department of Biochemical
Engineering*

*B. T. Kumaon Institute of
Technology, Dwarahat
Almora, Uttarakhand*

www.kecua.ac.in

About the Institute

B. T. Kumaon Institute of Technology, formerly known as Kumaon Engineering College (KEC), is a prestigious and leading Government autonomous institute located in district Almora of Uttarakhand, India. The Institute was established by the Government of Uttar Pradesh in 1986 and started functioning in 1991. The institute has been granted autonomy status by UGC in 2012. The Institute offers B. Tech., M. Tech. and Ph.D. programmes in various disciplines of Engineering & Technology.

About the Department

BTKIT Dwarahat holds the unique distinction of being the only institute in the state running Biochemical Engineering department. The department's fame has spread far and wide, and aims at tapping the enormous potential that the next generation of engineering holds in itself. The Institute took an early note of the significant role that was to be played by Biochemical Engineers and Biotechnologists in future industrial development of biotechnology related processes and products by initiating this activity. The department also plans to tap the enormous resources provided by biologically diverse habitat of Himalayas.

Aim of Course

In current scenario, bioproducts and bioprocessing based technologies are increasingly taking on outstanding position in the global market. Bioprocess technologies play an important role in the bulk production of a wide range of products, i.e. beverages, vaccines, hormones, antibiotics, enzymes and therapeutic proteins etc. The success of biotechnology research depends upon the impact of bio products and bio processing on society. Many national & international collaborations between governments and public/ private researchers are working together to explore new potential technologies and methods to lead to an improvement of existing bio products and invention of novel compounds.

Our present STC aims to introduce new concepts and trends in biobased process technologies. Our eminent speakers will address cutting - edge technologies and the latest developments in bioprocessing covering major thematic areas such as:

- Vaccine development
- Enzyme production & application
- Robotics
- Biofuels
- Biofertilizers & biopesticides
- Recombinant proteins
- Secondary metabolites
- Drug design & development

Registration details

This is the call for participation for all the faculty members, research Scholars and students of UGC/AICTE recognised Universities and Engineering Colleges.

This course is fully sponsored by TEQIP-III. No registration fee is required from candidates.

Link for the registration:

<https://rb.gy/1tpaok>

•Kindly register on the registration link given above and you will receive the lecture session link in your email/whatsapp group.

•E-certificates will be provided to the participants after successful completion of the course.

•For any query you may contact us at **onlinestckec@gmail.com**

Committee

Patron

Prof. V.M. Mishra
Director, B.T.K.I.T. Dwarahat

Convenor

Prof. Jyoti Saxena
*HOD, Biochemical Engineering,
B.T.K.I.T. Dwarahat*

Organising Secretaries

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Our Eminent Speakers

Name of Speaker	Organization
Prof. Vinay Sharma	Amity Institute of Biotechnology, Amity University, Jaipur
Prof. Ravindra Malik	Ex- Joint director (Research) Dairy microbiology division, ICAR- NDRI Karnal
Prof. R.C. Dubey	Deptt of Botany & Microbiology, Gurukul Kangri University, Haridwar
Prof. Sarvesh Paliwal	Deptt. of Pharmacy, Banasthali Vidyapeeth University, Jaipur
Prof. S.K.Ghosh	Deptt. of Biotechnology, IIT Kharagpur
Prof. Ravi Israni	Regional Veterinary Biological Unit, Deptt. of Animal Husbandry, Jaipur
Dr. Tapan Nailwal	Deptt. of Biotechnology, Kumaun University Nainital
Dr. Gopal Joshi	Deptt. of Biotechnology, H.N.B. Garhwal University, Srinagar
Dr. Sanjay Kumar	School of Biochemical Engg., IIT BHU
Dr. Rachit Agrawal	Biosystems Science & Engg., IISc Bangalore

