

CHIEF PATRON:

Director IIT (BHU), Varanasi

PATRONS:

Prof. B. K. Srivastava, Chairman, QIP Cell

CHAIRMAN / COURSE COORDINATOR:

Prof. Subir Kundu

CONVENER(S):

Prof. Pradeep Srivastava

Prof. Mira Debnath (Das)

CO-CONVENER(S):

Dr. Ashish Kumar Singh

Dr. Sanjay Kumar

ORGANIZING COMMITTEE:

Prof. S.K. Srivastava

Prof. R.M. Banik

Prof. Vikas Kumar Dubey

Dr. Abha Mishra

Dr. Vishal Mishra

ABOUT THE CITY:

The holy City of Varanasi is known as the city of temples and learning. It is a place of great historical and cultural importance. This religious capital of India is situated on the bank of the holy river Ganges and is famous for temples of Lord Shiva, Buddha (at Sarnath) and Sankat Mochan etc. Varanasi is the premiere most place of oriental learning also. Simultaneously it is keeping pace with modern advanced knowledge. The city is reputed for silk fabrics, perfumes, artistic brass and copper wares and a variety of handicrafts. This vibrant city with multiple dimensions of knowledge and liberation has a magnetic attraction for people all over the world.

HOW TO REACH:

The city of Varanasi is well connected by road, rail and air with all the important places of India. Regular flights are there from Varanasi to Delhi, Mumbai, Chennai, Bangalore, Kolkata, Khajuraho and Lucknow. The Banaras Hindu University campus is only 10 Km from Varanasi railway station, 20 Km from Pt. Deen Dayal Upadhyay (old name Mughalsarai) railway station and 35 Km from the airport.

ABOUT THE SCHOOL:

In view of the national importance of this highly interdisciplinary subject and the availability of well developed facilities in Engineering and Biological Sciences within the University, UGC established this School as a part of the Institute of Technology during the Fifth Five Year Plan. The School of Biochemical Engineering, IIT (BHU) has been functioning since 1986-87. The main objective of the school was to organize R&D activities in the fields of Biochemical Engineering and to offer courses in various departments of the Institute. In addition, the Department runs its own 5 year Integrated Dual Degree (B. Tech. & M. Tech.) programme, 2 year M. Tech. programme in Biochemical Engineering and PhD programme.

SPEAKERS AND TEACHERS:

Faculty members from the School of Biochemical Engineering IIT (BHU) Varanasi will be teaching the course contents and subject experts from IITs, Nits and other premier institutions will be invited for delivering the special lectures sessions.

COURSE MATERIAL:

Hard / Soft copies of the lecture notes/presentations will be made available to participants at the end of lecture/presentation.

QIP SHORT TERM COURSE (STC)

ON

CELL PROCESSING TECHNOLOGY AND ENGINEERING- A NEW PARADIGM

December 05 to 10, 2018



AICTE SPONSORED STC & CEP

CPTe- 2018

Organized

By

**School of Biochemical Engineering
Indian Institute of Technology (BHU) Varanasi**



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QIP STC
ON
CELL PROCESSING TECHNOLOGY AND
ENGINEERING- A NEW PARADIGM

December 05 to 10, 2018

Introduction and objectives of the course

The objective of the course is to provide the knowledge of advanced approaches used in bioprocess engineering to improve the research skills and understanding.

The course contents are focused in the following thematic areas of

- Ø Bioprocess variables and instrumentation
- Ø Bioprocess system and its control
- Ø Biosensors and bioprocess control
- Ø Various types of Bioreactors in use
- Ø Different mode of Operation in Bioreactor and its performance
- Ø Design strategies for Bioreactor

WHO CAN ATTEND?

All existing faculty members, researchers working in the field of Applied Biotechnology and Bioengineering are primarily targeted for this short duration course work.

Teachers from AICTE approved Institutions: Participants should bring a letter of nomination from their head of institution stating that they are being deputed for the course. There is no registration/ accommodation fee. However, a Demand Draft of Rs. 2,000/- (drawn in favor of "Registrar, IIT(BHU), Varanasi") should be enclosed with the application form which will be refunded to the participants attending the course. Total reserved seats for QIP candidates which will be awarded on first-cum-first served basis. The refund amount will not be returned to those who will be absent.

HOW TO APPLY?

By Email – Scanned copy of the filled in application form duly endorsed by the forwarding authority to be mailed at cpte2018@gmail.com by **October 15, 2018**.

Important Dates

Submission of completed application form along with required demand draft (photocopy of application form is also acceptable) **October 15, 2018**

Intimation about selection or otherwise to the participants **October 31, 2018**

Duration of the workshop **December 05 to 10, 2018**

Financial Assistance:

To-and-fro travel cost (up to A/C 3-tier rail fare only) by the shortest route between the place of work and the venue of the course will be reimbursed for AICTE APPROVED Institution faculty members.

Limited shared accommodations in the guest house are available for Faculty members of AICTE approved Institutions, Engineering Colleges.

QIP-STC course on
CELL PROCESSING TECHNOLOGY AND
ENGINEERING- A NEW PARADIGM
December 05 to 10, 2018

1. Name:.....
2. a) Age: B) Gender (M/F):.....
3. Designation & pay scale.....
4. Organisation:
5. Address for correspondence:.....
-
- E-mail:.....
- Phone/Mobile.....
6. Highest Academic Qualification.....
7. Specialization :.....
8. Experience (in years)
 - a) Teaching:
 - b) Industrial.
9. Amount of T.A. required as per entitlement mentioned in the brochure (only for AICTE approved college teachers):
-

Please register me for the course on CELL PROCESSING TECHNOLOGY AND ENGINEERING- A NEW PARADIGM (CPT-2018) to be held at School of Biochemical Engineering, IIT (BHU) Varanasi.

Date.....

Place

Signature of the Applicant

SPONSORSHIP

Prof./Dr./Mr./Ms./Mrs./..... is an employee of our institute and his/her application is hereby sponsored. The applicant will be permitted to attend the short-term course "Advances in Bioprocess Engineering" at School of Biochemical Engineering, IIT(BHU) Varanasi during date of August 13-18-2018, if selected.

Date:

Signature of Sponsoring Authority

Designation:

Official Seal:

Date:

Signature of the Applicant