

Self Financed
Short Term Course on
Recent Advances
in
**Biomass Utilization &
Fermentation Technology**
(SFC-BUFT, 2017)
January 9-15, 2017



Organized by
Department of Biotechnology
&
Department of Chemical Engineering
Motilal Nehru National Institute of
Technology Allahabad, 211004, India

ORGANIZING COMMITTEE

Patron: Prof. Rajiv Tripathi
Chairman: Dr. Anuj Jain and Dr Shivesh Sharma
Convener & Coordinator: Dr. Sangeeta Negi & Dr. Harinder Singh
Treasurer : Dr. Sameer Srivastava

Registration Fee
Students/Research Scholar Rs 1500
Faculty/Scientist Rs 2500

Registration fees includes:

- ✓ All the lectures and Hands on training/practical classes
- ✓ Lunch and refreshments
- ✓ Program kit

How to reach MNNIT Allahabad: The city of Allahabad is well connected with all parts of India by train, buses and flights on daily basis.

Contact:

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REGISTRATION FORM

Personal Details:

Title (Mr./Ms./Mrs./Dr.):
Gender (Male/Female):
Name:
Date of Birth: Age:

Academic Details:

Designation:
Qualification:
College/Institute/University:
Department:
City..... State:

Contact Details:

Address:
.....
.....Pin:
Ph./Mob.:
Email:
Accommodation Required: Yes/No

Payment details:

Demand Draft No: Dated:
Drawn on.....
Total Amount in INR.....

OR

Online registration fee details.....

(Attach the DD or online payment receipt with form)

Declaration:

I am interested in attending this training course. All the information provided are correct.

Signature of Applicant Signature of supervisor/ HOD with seal

Note:

- Incomplete or registration form without demand draft shall be rejected
- A separate registration form should be used for every delegate.
- Registration fee is non-refundable



About the Institute

Motilal Nehru National Institute of Technology Allahabad, is an institute with total commitment to quality and excellence in academic pursuits. The institute has been granted the status of Institution of National Importance. It was established as Motilal Nehru Regional Engineering College (MNREC) in the year 1961 as a joint enterprise of Government of India and Government of Uttar Pradesh. MNREC was transformed into National Institute of Technology fully funded by Ministry of Human Resource Development, Govt. of India.

The institute offers B.Tech, M.Tech, Ph.D, M.C.A, M.B.A., (Mathematics and Scientific Computing) degrees in various disciplines of sciences, engineering, technology and humanities.



About the departments

The Department of Biotechnology at MNNIT Allahabad was established as a new academic unit under Applied Mechanics in 2006, with the objective of integrating life sciences with engineering and to develop cutting-edge technology through research, training and technological innovation. The department gained shape as an independent administrative 'Department of Biotechnology' on April, 2012. The department comprises of eleven expert faculty members from diverse areas.

The department has independent state-of-art modular laboratories to perform experiments in biochemistry, microbiology, immunology, molecular biology, cell culture, bioprocess and fermentation technology.

The Department of Chemical Engineering at MNNIT Allahabad was established as a new academic unit under Mechanical Engineering in the year 2006. The department was carved out as an independently administrative department in April 2012. The department is gifted with young, active and dynamic faculty from diverse areas such as petroleum technology, food technology, separation processes. The department offers B. Tech., M. Tech. and Ph.D. programs in chemical engineering and has state of art modular laboratories of Mass Transfer, Chemical Reaction Engineering, Fluid Mechanics, Computer Aided Design.

The city of Allahabad

Allahabad is the sacred city of India where three *holy rivers namely Ganga, Yamuna and invisible mythological Saraswati meet*. The famous *Kumbh* is organised here after every twelve years where hundreds of million people gather for holy bath. The Allahabad has been famous place of learning since long due to its world famous academic institutions.

About the course:

Objective: SFC-BUFT 2017 will be an opportunity to look back at 20 years of biomass utilization, fermentation bioprocess development and biomass while looking forward to how our industry and research align their needs to change. The course will provide an in depth exposure and knowledge of basic principles of fermentation with advances in techniques and genetic engineering to extend its application to the production of a range of biochemicals, biomolecules, and biofuels to graduates / post graduates / research scholars / faculties / scientists. The lectures will be delivered by the distinguished experts of the above fields. The seven days short term course will include lectures and special case studies in the areas of Recent Advances in Biomass Utilization and Fermentation Technology (SFC-BUFT 2017). In addition, it will also feature invited lectures from eminent scientists and academicians.

Short term course topics:

- Selection and improvement of microbial cultures
- Novel process and reactor design
- Biomass valorization, kinetics and thermodynamics
- Fermentation technology of biomass for bioethanol, enzymes, biofuels
- Production of bioactive chemicals from biomass
- Advances in downstream processing
- Product Recovery

Duration: Seven days workshop from January 9-15, 2017.

Number of seats: 20 -30

Accommodation: The participants may be provided accommodation in the institute guest house and/or hostel depending on the availability, on payment basis. Accommodation can also be booked in nearby hotels directly or through organizers.

For further enquiries contact:

sn5@mnnit.ac.in; hsingh@mnnit.ac.in

Food: Lunch and tea will be provided to the participants during the course of workshop (charges are included in the registration fee).

Eligibility: Undergraduate, post graduate, research scholars and faculty/scientist in biotechnology, chemical, biochemical, bioinformatics, life sciences, biomedical, environment sciences, pharmaceutical science, chemistry or related disciplines

Mode of payment: Participants can make payment via DD in favour of SFC-BUFT 2017 payable at Allahabad OR Deposit the registration fee online in Account No. **718400301000224** of Vijaya Bank MNNIT Allahabad (Branch Code: 007184; MICR Code: 211029004; IFSC Code: VIJB0007184). The fees can be deposited on the spot also.

Registration procedure: Send your CV along with registration form duly forwarded by supervisor/HOD to the address given below for screening. The selected participants will be informed to make payment through DD or online transaction. The participation will be confirmed only after receiving the payment.

Important Dates

Submission of application	Jan 4, 2017
Acceptance	Jan 5, 2017
Submission of fee	Jan 6, 2017

Invited speakers

Prof. S. K. Khare, IIT, Delhi
Dr. Akhilesh Tewari, IIT, Allahabad
Dr Ashish Sawarkar, MNNIT Allahabad
Dr. Sushma, SHIATS, Allahabad
Dr. Sanjay Kumar, MNNIT, Allahabad