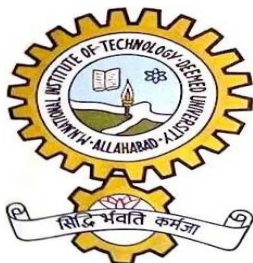


Self Financed  
Short Term Course on  
**Recent Advances**  
in  
**Fermentation Technology**  
(SFC-RAFT)  
January 14-18, 2015



Organized by  
**Department of Biotechnology**  
Motilal Nehru National Institute of  
Technology Allahabad, 211004, India

**ORGANIZING COMMITTEE**

**Patron:** Prof. P.Chakrabarti  
**Chairman:** Dr. Anjana Pandey  
**Convener & Coordinator:** Dr. Sangeeta Negi  
**Treasurer:** Dr. Ashutosh Mani

**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 daily train, buses and flights.

**Contact:**

**Dr. Sangeeta Negi**  
Convener & Coordinator, SFC-RAFT  
Department of Biotechnology  
Motilal Nehru National Institute of Technology  
Allahabad-211004 India

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**Mobile:** +919415015811,

**Email:** sn5@mnnit.ac,

**Website:** www.mnnit.ac.in

**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, Gov. 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 department

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. Keeping a beat to the global demands for researchers in this field, a full fledged post graduate degree course (M. Tech in Biotechnology) was introduced in the year 2010. The department runs PhD program in biotechnology since 2009.

The department gained shape as an independent administrative 'Department of Biotechnology' on April, 2012. The department comprises of twelve expert faculty members from diverse areas.

The faculties have also been able to generate the external funding from various government agencies viz. DST, DBT, UGC, MNRE etc. and published papers in National/International journals of repute. In addition, a national conference supported by various funding agencies was also organized successfully in February, 2010 and an international conference in 2013. 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 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:** RAFT-2015 will be an opportunity to look back at 20 years of fermentation and bioprocess development, while looking forward to how our industry and research focus needs to change. The course will provide in depth exposure and knowledge of basic principle 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 distinguished experts of their field. The five days short term course will include lectures and special case studies on the areas of Recent Advances in Fermentation Technology (RAFT2015). In addition, it will also feature invited lectures from eminent scientists and academicians.

### Short term course topics:

- Selection and improvement of microbial cultures
- Development of consortium
- Novel process and reactor design
- Commercialization of bioprocesses
- Fermentation technology for bioethanol and enzymes
- Optimization of Process and yield
- Advances in downstream processing

**Duration:** Five days workshop from January 14- 18, 2015.

**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,

**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, biochemical, chemical, 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- RAFT payable at Allahabad OR Deposit the registration fee online in Account No. .... of Vijaya Bank MNNIT Allahabad (Branch Code: 007184; MICR Code: 211029004; IFSC Code: VIJB0007184)

**Registration procedure:** Send your CV along with registration form 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 10, 2015
Acceptance	Jan 11, 2015
Submission of fee	Jan 12, 2015

### Invited speakers

Prof. S. K. Khare, IIT, Delhi  
 Dr. Akhilesh Tewari, IIT, Allahabad  
 Dr. Siraj Alam, MNNIT, Allahabad  
 Dr. Sushil Kumar, MNNIT, Allahabad  
 Dr. Radha Rani, MNNIT, Allahabad  
 Dr. Sanjay Kumar, MNNIT, Allahabad  
 Dr. Sangeeta Negi, MNNIT, Allahabad

**Special lecture** on downstream processing by **Agilent Technologies**