

Self Financed  
Short Term Course on  
**“Microbial Technology and Biofilms:  
Avenues and Applications”**

January 10-14, 2015



Department of Biotechnology  
Motilal Nehru National Institute of Technology Allahabad  
ALLAHABAD, 211004, India



#### 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 fourteen 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. The department has independent state-of-art modular laboratories to perform experiments in microbiology, immunology, biochemistry, molecular biology, cell culture and bioprocess 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:** The course is to provide upgradation of knowledge and skills for research scholars / faculties / scientists involved in active research. The course will provide in depth exposure to them. 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 Biofilms research and its application. In addition, it will also feature invited lectures from eminent scientists and academicians.

#### Short term course topics:

- *Biofilm formation and Resistance*
- *Medical threats of biofilms*
- *Microbial growth profile*
- *Environmental implications of Biofilms*
- *Quorum sensing and signalling*
- *Microbial bioinformatics*

**Duration:** Five days workshop from January 10- 14, 2015.

**Number of seats:** 20

**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:** vishnua@mnnit.ac.in,  
vishnu\_agarwal02@rediffmail.com

**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, bioinformatics, life sciences, medical sciences, environment sciences, pharmaceutical science or related disciplines

**Mode of payment:** Participants can make payment via DD in favour of SFC-MTBAA 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)

**Patron: Prof. P. Chakrabarti,**  
**Director, MNNIT Allahabad**

**Coordinator & Convener:**  
Dr. Vishnu Agarwal, Department of Biotechnology,  
MNNIT Allahabad

**Co-Coordination:**  
Dr. Ashutosh Mani, Department of Biotechnology,  
MNNIT Allahabad  
Dr. Radha Rani, Department of Biotechnology,  
MNNIT Allahabad

**Treasurer**  
Dr. Sanjay Kumar, Department of Biotechnology,  
MNNIT Allahabad

### Advisory Committee:

Dr. Shivesh Sharma, Department of Biotechnology,  
MNNIT Allahabad  
Dr. Anjana Pandey, Department of Biotechnology,  
MNNIT Allahabad

### REGISTRATION FORM

#### Personal Details:

Title(Mr./Ms./Mrs./Dr.): .....

Gender(Male/Female): .....

Name: .....

Date of Birth: ..... Age: .....

Designation: .....

Qualification: .....

College/Institute/University: .....

Department: .....

City..... State: .....

#### Contact Details:

Address: .....

.....Pin: .....

Ph./Mob.: .....

Email: .....

#### 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

#### 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

#### Registration Fee

Students/Research Scholar	Rs 1,500
Faculty/Scientist	Rs ,2,500

#### Registration fees includes

- All the lectures and Special Case studies
- 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:

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