

Short Term Course on

# Advances in Bioscience and Bioengineering

October 19-25, 2016

(Sponsored by TEQIP II)



Centre for Medical Diagnostic and Research  
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 CMDR

The current scenario of health in the region is not overwhelming and requires a comprehensive and holistic approach to handle such conditions. In most of the cases, the health problems become more



gravely and unmanageable because of the unavailability of diagnostic expertise and proper research facilities. With the advent of many new diseases, a high end diagnostic facility was required to meet the regional challenges. The “Centre for Medical Diagnostic and Research (CMDR)” has been established with an aim not only to provide answers to many unanswered problems, but also help in providing proper diagnostic solutions to stakeholders. This effort will not only help the society

but also provide knowledge to the future generation to meet global medical challenges.

## Mission

The Centre for Medical Diagnostics and Research (CMDR) envisions providing routine and critical diagnostic services as well as to develop skills of scientific research to solve complex medical issues with advanced diagnostic facility under stringent ethical regulation and good laboratory practices.

## 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 it's world famous academic institutions.

## About the course:

Objective: The workshop intends to provide up-gradation of knowledge and skills for research scholars/faculties/scientists involved in active research of Bioscience and Bioengineering. Numerous

innovative tools and techniques are currently being researched, tested and in some cases already applied across the entire spectrum of biosciences and bioengineering. The course will provide in depth exposure of recent trends of biosciences and bioengineering research and developments to the participants. The lectures will be delivered by distinguished experts of their field. The aim of the workshop is to provide a forum for research scholars/ scientists pursuing research in biosciences which includes all aspects of Biological Sciences, Biochemistry, Biotechnology, Microbiology, Environmental Sciences, Nanotechnology, Biodiversity, Biochemical Engineering, Biomedical Engineering and other related topics of different disciplines. It is aimed for enrichment of theory, along with greater emphasis on research oriented trouble shootings.

### **Short term course topics**

- Molecular Biology and Genetic Engineering
- Overview of Nanotechnology in bioscience and bioengineering
- Environment and Health
- Biophysics and Computational Biology
- Biomaterials, Bio-Medical Engineering and Diagnostics
- Large Scale Data Analysis
- IPR and Bio-entrepreneurship
- Any other relevant area

**Duration :** Seven days workshop from October 19-25, 2016

- Number of seats: 20-25

**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 :** shiveshs@mnnit.ac.in, ssnvsharma@gmail.com

**Food :** Lunch and tea will be provided to the participants during the course of workshop.

**Eligibility :** Undergraduate, post graduate, research scholars and faculty/scientist in biotechnology, applied biological sciences, bioinformatics, life sciences, medical sciences, environment sciences, pharmaceutical science or related disciplines

**Mode of payment :** Participants can make payment via DD in favour of STC-ABB, payable at Allahabad OR Deposit the registration fee online in Account No **718400301000212** (current account) of Vijaya Bank MNNIT Allahabad (Branch Code: 007184; MICR Code: 211029004; IFSC Code: VIJB0007184).

**Registration Fee** • Students/Research Scholar: Rs 500/- • Faculty/ Scientist: Rs. 1000/-

**Registration fees includes** • All the lectures • Lunch and refreshments • Program kit

## 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 No.....

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

### ORGANIZING COMMITTEE

**Patron :** Prof. Rajeev Tripathi, Director, MNNIT, Allahabad

**Convener :** Dr. Shivesh Sharma

**Coordinators :** Dr. Shivesh Sharma, Dr. Mayank Pandey and Dr. Durgesh Kumar Tripathi

**Co-Coordinator(s) :** Dr. Shailendra Mishra & Dr. Rohit Mishra

**Treasurer :** Dr. Durgesh Kumar Tripathi

**How to reach MNNIT Allahabad:** The city of Allahabad is well connected with all parts of India by daily train, buses and flights. **For more information please visit :** <http://www.mnnit.ac.in>

Contact:

**Dr. Shivesh Sharma** Convener : STC-ABB

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