

National Workshop on
**Biotechnological Approaches for
Industrial Waste Management and
Renewable Energy**
April 1-7, 2019



Department of Biotechnology
Motilal Nehru National Institute of Technology Allahabad
Prayagraj, 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 eleven 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 "Biosangam" in 2013, 2016 and 2018. 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 Prayagraj

Prayagraj 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 Prayagraj 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 seven days national workshop will include lectures and special case studies and hands on training in the areas of Biofuels like bioethanol, biodiesel, biological fuel cells, and biological management of industrial waste. In addition, it will also feature invited lectures from eminent scientists and academicians.

Topics to be covered during the workshop:

- *Industrial waste management*
- *Bioremediation of industrial waste*
- *Waste to wealth conversion*

- Bioenergy and its applications
- Production of bioethanol, biodiesel, bioelectricity
- Biodegradation of toxic pollutants
- Phytoremediation technologies
- Metagenomics and Bioinformatics

Duration: Seven days workshop from April 1-7, 2019.

Number of seats: 30-40

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, radharani@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/industry persons in biotechnology, bioinformatics, life sciences, medical sciences, environment sciences, pharmaceutical science or related disciplines

Patron: Prof. Rajeve Tripathi
Director, MNNIT Allahabad

Chairperson: Head, Dept. of Biotechnology, MNNIT Allahabad

Coordinator & Convener:

Dr. Sangeeta Negi	Dr. Radha Rani
Dept. of Biotechnology	Dept. of Biotechnology
MNNIT Allahabad	MNNIT Allahabad

Treasurer

Dr. Sameer Srivastava
Department of Biotechnology
MNNIT Allahabad

Advisory Committee:

Prof. Shivesh Sharma, Department of Biotechnology, MNNIT Allahabad
Prof. 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.. "IWMRE-2019".....

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 2,000
Faculty/Scientist/industry person Rs 4,000

Payments

All the payment should be made through **DD/Multicity cheque** drawn in favour of "IWMRE-2019" payable at Allahabad. The payment can also be made through e-transfer with above **Beneficiary name** to IWMRE-2019, Vijaya Bank, MNNIT Allahabad with **Account no.** 718400301000339, **Branch code:** 007184, **IFSC:** VIJB0007184.

Registration fees includes

- All the lectures and lab practicals
- Lunch and refreshments
- Program kit
- All the lectures and Special Case studies

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

Contact:

Dr. Sangeeta Negi & Dr. Radha Rani

Chairman, Coordinator & Convener, IWMRE-2019
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