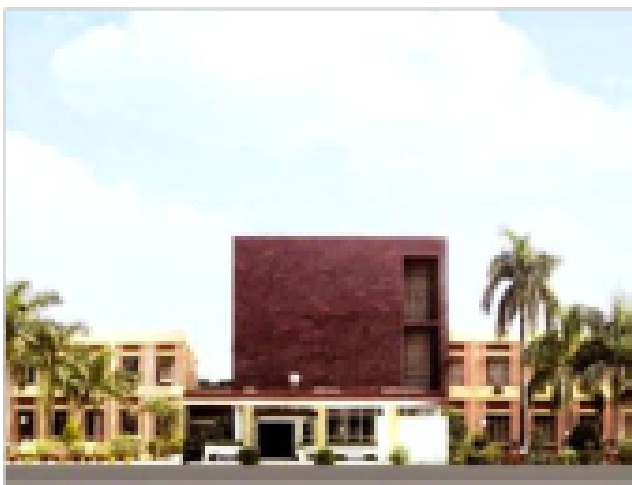




Online Short Term Course  
on  
**Recent Advances in  
Structural  
Bioinformatics**

**February 27- March 3  
2021**



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

**Duration:**

February 27- March 3, 2021

**Number of seats: 25**

**Eligibility:**

Undergraduate, post graduate, research scholars and faculty/scientist in Biotechnology, Agricultural Sciences, Pharmaceuticals Science, Bioinformatics, Life sciences, Medical sciences, Environment sciences and other related disciplines.

**Mode of payment:**

Participants can make payment via DD in favour of OSTC-RASB payable at Allahabad OR Deposit the registration fee online in Account No. 77660200001288 of Bank of Baroda MNNIT Allahabad (Branch Code: VJMNRE; MICR Code: 211012046; IFSC Code: BARBOVJMNRE)

**Note:** Participants are required to have their computer systems and internet connection for lectures and hands-on-training sessions.

**ORGANIZING COMMITTEE**

**PATRON:**

PROF. RAJEEV TRIPATHI,  
DIRECTOR, MNNIT ALLAHABAD

**CHAIRMAN:**

DR. VISHNU AGARWAL,  
HEAD, DEPARTMENT OF BIOTECHNOLOGY

**COURSE COORDINATOR:**

DR. ASHUTOSH MANI

**CO-COORDINATOR & TREASURER:**

DR. JOYABRATA MAL

**REGISTRATION FEE:**

UG/PG/PHD STUDENT: RS. 500  
FACULTY/SCIENTIST: RS. 2000  
INDUSTRY PARTICIPANTS: RS.5000

**REGISTRATION FEES INCLUDES**

- ☑ ACCESS TO INVITED LECTURE SESSIONS
- ☑ ACCESS TO HANDS ON TRAINING SESSIONS
- ☑ WORKSHOP MANUAL

**Contact Coordinators:**

Department of Biotechnology

Motilal Nehru National Institute of  
Technology Allahabad,  
Prayagraj-211004 India.

Phone: 91-5322271239

Fax: 91-5322545341

Mobile:+91-9455354251  
+91-7044284075

Email: amani@mnnit.ac.in  
joyabrata@mnnit.ac.in

## 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. and M.Sc. 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 to offer B.Tech. degree in Biotechnology, 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 thirteen expert faculty members from diverse areas.

Externally funded projects from various government agencies viz. DST, CSIR, DBT, UGC, MNRE, CSTUP etc. are ongoing in the department. The faculty members publish papers in National/International journals of repute. The department has independent state-of-art modular laboratories to perform experiments in Bioinformatics, microbiology, biochemistry, molecular biology, plant biotechnology and bioprocess technology.

## The city of Prayagraj

Prayagraj (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 where millions of 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 aims to provide upgradation of knowledge and skills for UG/PG students/research scholars/ faculties / scientists and other stake holders involved in Life science, Bioinformatics and drug designing. The course will provide in depth exposure through expert lectures and hands on training sessions. The lectures will be delivered by distinguished experts of their field. The five days online short term course will cover different aspects of structural bioinformatics essential for modern research in life sciences and allied fields.

### The short term course will include expert lectures and hands on training sessions on:

- Introduction to structural bioinformatics databases and tools
- Molecular modelling, 2-D and 3-D structure prediction of proteins and their validation
- Virtual screening of drugs from databases
- Molecular docking between receptor and ligand
- Energy Minimization and Molecular Dynamics Simulation

## REGISTRATION FORM (OSTC-RASB)

### 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: .....Country.....

### Contact Details:

Address: .....

.....

.....Pin:

Phone/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)

### 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