

**Training Program
On
Molecular Modelling and Virtual
Screening
(TPMMVS-2024)**

December 20-29, 2024

Sponsored by:



**Department of Biotechnology
Ministry of Science and Technology
Government of India**



**Organized by:
Department of Biotechnology,
Department of Applied Mechanics
and
Department of Physics**

**Motilal Nehru National Institute of
Technology Allahabad
Prayagraj, 211004, India**

About the Institute

Motilal Nehru National Institute of Technology Allahabad is an institute with a 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 the Government of India and the 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 has run PhD program in biotechnology since 2009.

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

Externally funded projects from various government agencies viz. DST, CSIR, DBT, MHRD, UGC, MNRE, DAE, CSTUP, DRDO etc. are ongoing in the department. The faculty members publish papers in National/International journals of repute.

The institute has independent state-of-the-art modular laboratories to perform experiments in bioinformatics, microbiology, biochemistry, molecular biology, plant biotechnology bioprocess technology, and biomedical engineering under the department.

About the training program:

The training program aims to provide a platform for the up-gradation of knowledge and skills for researchers/faculty members/scientists, and other stakeholders involved in Life science and Bioinformatics. The course will provide in-depth exposure through expert lectures and hands-on training sessions. The lectures will be delivered by distinguished experts. The program will cover different aspects of resources, tools and techniques required for basic research.

The training program will include expert lectures and hands-on training sessions on:

- ❖ Introduction to biological database.
- ❖ Secondary structure prediction.
- ❖ Tertiary structure prediction of protein (Template Based and Template independent).
- ❖ In-silico approach for tertiary structure validation and analysis of targets.
- ❖ Virtual screening of ligands against the druggable target.
- ❖ Molecular Docking.

- Registration fees: 1000 INR
- Number of Allowed Trainees: 30
- Contact Details: amani@mnnit.ac.in,
- Account Details:
- Account Name PROJECT ACCOUNT MNNIT.

Account number: 77660100016031
IFSC Code; BARB0VJMNRE (Fifth digit is Zero), Bank Name: BANK OF BARODA, Branch: MNNIT Allahabad.

- Paid accommodation will be provided based on seat availability
- Registration Link: <https://tinyurl.com/mnnitdbt>

REGISTRATION FORM (TPMMVS -2024)

Duration: Ten days

Date: December 20-29, 2024

Number of seats: 30

Eligibility:

UG/PG/PhD/Researcher scholars/faculty/scientist working in the area of Biotechnology, Pharmaceutical Sciences, Bioinformatics, Life sciences, Medical sciences, environmental sciences and other related disciplines.

Registration Fees:

There is a 1000 INR registration fee for the training program.

Travel:

Participants have to make their own travel arrangements.

Accommodation:

Accommodation may provided to participants on a paid basis depending on the availability of rooms.

Note: Participants are required to bring their laptops for hands-on training sessions.

Registration process:

Follow the link for registration: <https://tinyurl.com/mnnitdbt>

Contact program coordinators:

Dr. Ashutosh Mani

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

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Phone: 91-5322271239

Fax: 91-5322545341

Mobile:+91-9455354251

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

Declaration:

I am interested in attending this training program. All the information provided are correct.

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(Signature of Applicant)

Note:

- A separate registration form shall be used for every delegate
- Soft copies of the certificates will be provided to participants by email



Scan for Registration