



Unveiling Excellence

Workshop on

Applied Bioinformatics

Organized By

Department of Applied Biology

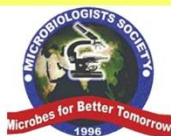
UNIVERSITY OF SCIENCE & TECHNOLOGY MEGHALAYA

nirf India Ranking-2023 (151-200)

Accredited 'A' Grade by NAAC

In association with

Microbiologist Society, India (MBSI)



Date: 8th & 9th March, 2024

Last Date for Registration

29th February, 2024

About The Workshop

This workshop equips you with the tools to analyse next-generation sequencing data, visualize molecules in 3D, and prepare small molecules for docking — essential skills for designing new drugs. Master sequence analysis, explore structures, and launch your journey as a bioinformatics drug researcher!

Resource Persons



Dr. Saurav Mahanta
Scientist,
NEILIT, Guwahati



Dr. Pankaj Bora
Assistant Prof.,
Tezpur University



Dr. Pundarikaksha Das
Ph.D, Tezpur University

Objective

Empower participants to leverage bioinformatics tools for sequence analysis and structure-based drug discovery by exploring NGS data formats, macromolecular visualization, and small molecule preparation techniques.

How to apply

The workshop is open to undergraduate and postgraduate students from any science discipline. Registration form is available on the official website <https://ustm.ac.in/>. Interested candidates are required to fill out the Google form with the <https://forms.gle/q9bdMj5EfHFQo2687>. Selected candidates shall be notified via e-mail. The participants will be provided certificates upon successful completion of the Workshop. All participants must attend all the technical sessions.

For any Query, contact rashmi1fb@gmail.com

❖ Total seats= 30 ❖ Training Fee: Rs. 300 ❖ Members of MBSI: Rs. 250

Training Highlights

Day 1

- ❖ Bioinformatics in Sequence Handling
- ❖ Introduction to NGS Data formats, Getting started with NGS data.

Day 2

- ❖ Macromolecular Structures, file formats and VPriseupaalirzaattoioinn.of Small Molecules for Structure Based Drug Discovery

How to Pay

Payment UPI



Convener

Dr. Deboja Sharma
HoD, Applied Biology, USTM

Co-Convener

Dr. Sony Kumari
Associate Professor, Applied Biology, USTM

Organising Secretary

Dr. Rashmi Rekha Baruah
Asst. Professor, Applied Biology

Dr. Taufikul Islam
Scientific Officer,
Advance Research Centre, USTM

Members

Dr. Priyanka Shankarishan, Dr. Manjit Kr. Ray
Mr. Satyakam Agarwala, Dr. Tamanna Bhunya
Dr. Jaybrata Saha, Dr. Yugal Kishore Mahanta

Timing

Morning 10–12 am and afternoon 1-3 pm

Supported by IQAC

Techno City, Khanapara, Kling Road, Baridua, 9th Mile, Ri-Bhoi, Meghalaya-793101

Campus

