

## Registration Form

Name: .....

Date of Birth: ..... Sex: .....

Designation: .....

Educational Qualification: .....

Research Interest: .....

Institute/Organization: .....

Address for communication: .....

.....

.....

..... Pin: .....

Mobile No.: .....

E-mail: .....

Accommodation Require: Yes/No  
(on payment basis)

Registration Fee (non-refundable):

DD/NEFT No: .....

Date: ..... Bank Name: .....

NEFT Details:

Account Name:

Account Number:

IFSC Code:

Signature of the Candidate

## Organising Committee

**Prof. G. Singaiah**

Pro-Vice- Chancellor & Chairman, BIF, NEHU,  
Tura Campus

**Dr. B. K. Mishra**

Coordinator, BIF & Assistant Professor,  
Department of RDAP, NEHU, Tura Campus

**Dr. Binu Mathew**

Co-Coordinator, BIF & Assistant Professor,  
Department of RDAP, NEHU, Tura Campus

**Dr. D. C. Kalita**

Professor & Head, Department of RDAP,  
NEHU, Tura Campus

**Dr. Lolly S Pereira**

Assistant Professor, Department of RDAP,  
NEHU, Tura Campus

**Dr. J. C. Dang**

Associate Professor & Coordinator, Biotech  
Hub, Don Bosco College, Tura

**Dr. Suman K. Nandy**

Research Associate, BIF, NEHU, Tura Campus

## Contact Persons

Dr. B. K. Mishra

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BIF Centre  
Ph: 9436306259

Dr. Binu Mathew

Co-Coordinator  
BIF Centre  
Ph: 9436337013

National Short Term Training Program

ON

APPLICATIONS OF

BIOINFORMATICS IN WET LAB

March 17-21, 2020

Sponsored by



Department of Biotechnology

Government of India

New Delhi

Organised by



Bioinformatics Centre (BIF)

Department of RDAP

North-Eastern Hill University (NEHU)

Tura Campus, Tura, Meghalaya-794002

## About the Centre

The Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India established the Bioinformatics Infrastructure Facility (BIF) under BTISnet program at the Department of RDAP, NEHU, Tura Campus in the year 2008. It opens the doorway to Bioinformatics for the academia in Garo Hills and the centre is ready to play its role in the collaborative world of science.

## About The Department

The Department of Rural Development and Agricultural Production (RDAP) was established in 2002. The department is actively engaged in divergent teaching and research activities like rural and social development, horticulture, agronomy, livestock management, environmental and life sciences, food security, local governance etc. It also promotes entrepreneurship in the field of dairy, poultry, piggyery, fishery, vermicomposting, floriculture, mushroom cultivation, fruit and vegetable processing etc.

## Scope of the Training

Computational Biology and Bioinformatics aims towards understanding of living systems using the computational tools on the existing huge biological data generated by modern day technology. The focus of this training is to give an introductory overview on how bioinformatics tools and databases can help us to retrieve the data of our interest, analyse and interpret them in a biologically meaningful way. We aim to provide hands on training on popular bioinformatics tools and their widespread uses in allied fields.

## Course Content

The training module includes:

- Macromolecules: DNA, RNA, Protein
- Biological Databases & Data Retrieval
- Sequence Alignment Methods & Tools
- Phylogenetic Analysis
- Computational Structural Biology
- Micro-Array Analysis

## Level of Participants

Teachers, Researchers, Ph. D. Scholars and PG students of Life Science/Computer Science and allied areas.

## Prerequisite

Basic knowledge of Computer and Life Sciences.

## Methodologies

- ✓ Lectures
- ✓ Demonstrations and
- ✓ Hands-on-training

**Total Number of Participation: 20**

**Last Date of Registration: 10/03/2020**

## Registration Fees:

Categories	Within Due Date
Students/Research Scholar	500
Delegates from Academia	1000
Delegates from Industries	2000

The registration fee, includes lecture materials (soft copy) & working lunch, may be transferred by NEFT or Online Banking to the BIF A/C at SBI, Chandmari, Tura. To secure seats, participants are encouraged to communicate prior to money transfer.

## Account details:

Account Name: NEHU, BIIFC, TURA  
Account Number: 30637976510  
IFSC Code: SBIN0007332  
Bank: SBI, Chandmari, Tura, Meghalaya

## Accommodation for Participants

Limited Number of accommodation will be available for the selected participants on first-cum-first-serve manner in the NEHU guest house on sharing and payment basis.

## Application should be sent to

**Dr. B. K. Mishra**

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