

About Nagaland University: Nagaland University is a Central University established by the an act of Parliament No. 35 of 1989 with campuses at Kohima, Lumami and Medziphema head quartered at Lumami, Zunheboto district.

How to reach Nagaland University, Lumami (Mokokchung), Nagaland

(1) **From Guwahati:** Blue Hill /Network Travel Bus Service from ISBT (6:00 pm)

(2) **From Mariani/Jorhat:** Tata Sumo Service (7:00 am & 12:15 pm),

(3) **From Dimapur:** Bus/Tata Sumo/Winger services (6:00 am & Night service)

(4) **Nearest Railway Station: Mariani, Assam (85 KM)**

(5) **Nearest Airport: Jorhat, Assam**

About Institutional Biotech Hub , Nagaland University, Lumami,

The Institutional Biotech Hub, Nagaland University, Nagaland, Lumami was established in the year 2011 with the grant from the Department of Biotechnology, Ministry of Science & Technology, Government of India, New Delhi. The broad purpose of the programme is to promote education and research in Biology / Life Science / Biotechnology and to attract brilliant young students to build their career in different fields of biological sciences / biotechnology.

Organizing Committee

Patron

Prof. Pardeshi Lal,
Vice Chancellor, Nagaland University

Organizing Secretary

Prof. Chitta Ranjan Deb
Coordinator, Institutional Biotech Hub (IBTH), Department of Botany, Nagaland University

Joint Secretary

Dr. Talijungla
Deputy Coordinator, IBTH,
Department of Botany, N.U.

Dr. A. Paul, Assistant Professor
Department of Botany, N.U.

How to apply

Please fill up the registration form and post or email it to the following address:

Prof. C. R. Deb, Coordinator, Advance Level Institutional Biotech Hub, Department of Botany, Nagaland University, Lumami 798627, Nagaland

E-mail: nu.bthub@dbt.nic.in /

debchitta@nagalanduniversity.ac.in

apaul@nagalanduniversity.ac.in

Mobile: +91-9436006808*/8732006501

**Hands on Training
On
'Genomics and Gene Expression Analysis'**

July 18-23, 2018



Organized by

**Advance Level Institutional Biotech Hub
Department of Botany
Nagaland University, Lumami-798627
Nagaland, India**

Sponsored by

**Department of Biotechnology
Ministry of Science and Technology
Government of India, New Delhi**

Course Contents

Lectures

(1) Molecular Biology Tools; (2) Genomics and Post-Genomic Era; (3) Metagenomics; (4) Molecular Markers; (5) Gene Expression; (6) Molecular Taxonomy & Phylogeny; (7) Gene Expression Analysis Tools.

Hands on Session

(1) DNA extraction & purification from higher plants and microbes; (2) DNA Barcoding/finger printing; (3) Transcripts isolation; (4) cDNA synthesis; (5) Gene Expression study (Semi-Quantitative & Real Time PCR); (6) Sequence analysis; (7) Computational evolutionary studies; (8) Phylogenetic analysis.

Who can apply:

M.Sc./M.Tech./Ph. D. Scholars in any branch of life sciences or a relevant field.

Faculty members from Colleges and Universities in any branch of life sciences or a relevant field.

Registration Fee:

Without accommodation

M. Sc./M. Tech.: Rs 2000/- (For 6 days)

Ph. D. Scholars: Rs 3000/- (For 6days)

Faculty: Rs 6000/- (For 6 days)

Note: Registration fee for Students from N.U.

B. Tech ../ M. Sc. Students: Rs 1000.00

Ph. D. Scholars: Rs 1500.00

Mode of Payment:

Spot payment on 18th July, 2018.

Registration fee includes registration kits, study materials and working lunch, tea, snacks during training.

Intake Capacity: 10 (Ten)

Important Dates

Registration open till **June 20, 2018.**

Selection: Selected candidates will be informed by email after **July 02, 2018**

Accommodation: Accommodation may be arranged on request in the University Guest House on actual payment basis (sharing room). Participants seeking accommodation in the University Guest House may contact the Coordinator well in advance.

How to reach the Institutional Biotech Hub

The Institutional Biotech Hub is located in the Department of Botany, Nagaland University, Lumami.

Registration Form

Hands on Training

On

‘Genomics and Gene Expression Analysis’

July 18-23, 2018

Name: _____

Designation: _____

Organization: _____

Address: _____

Sex: Male / Female (Please tick mark)

Email: _____

Phone/Mobile: _____

Accommodation required/Not required. If yes, From

To (d ays)

Signature: _____

(Signature is not mandatory for online application)

Sponsoring authority (if any) :
