

About Nagaland University, Lumami, Nagaland

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. The foundation stone was laid by Late Rajiv Gandhi (former Prime Minister of India) on 6th September 1987.

How to reach Nagaland University, Lumami, Nagaland

(1) **From Guwahati:** Blue Hill Bus & Network Travels Service from ISBT (7:00 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)

A view of Nagaland University, Lumami Campus



Organizing Committee

Chairman

Prof. B. K. Konwar Vice-Chancellor, N.U.

Secretary

Prof. C. R. Deb, Coordinator, BIF Centre & Biotech Hub, Department of Botany

Joint Secretary

Dr. L. N. Kakati, Deputy Coordinator, BIF Centre & Head, Department of Zoology, N.U.

Dr. Talijungla, Deputy Coordinator, Biotech Hub & Head, Department of Botany, N.U.

Members

Mr. Salam Pradeep Singh, RA, BIF Centre, N.U.

Ms. Bendangnaro Jamir, SRF, Biotech Hub, N.U.

How to apply

Please fill up the application form Performa and mail or email it to the following address:

Prof. C. R. Deb, Coordinator, BIF Centre & Biotech Hub, Department of Botany, N.U.

Email: debchitta@rediffmail.com;

debchitta@gmail.com /

bifnulumami@gmail.com

Mobile: +91-9436006808

Hands on Training for Higher Secondary School Teachers on 'Plant Biochemistry, Molecular Biology and Basic Biotechnology'

19 - 22 September, 2016



Jointly Organized by Institutional Biotech Hub

Department of Botany

Nagaland University, Lumami-798627

Nagaland, India

And

Bioinformatics Infrastructure Facility Centre

Nagaland University, Lumami-798627

Nagaland, India

Sponsored by

Department of Biotechnology

Ministry of Science and Technology

Government of India, New Delhi

About Institutional Biotech Hub, Nagaland University, Lumami, Nagaland

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.

About BIF Centre, Nagaland University

The Bioinformatics Infrastructure Facility (BIF) Centre, Nagaland University was established in 2007 with the grant from the Department of Biotechnology, Govt. of India., New Delhi. The motto of the facility as directed by the Department of Biotechnology is "Biology Teaching Through Bioinformatics" (BTBI). The BIF Centre was initially set up at SETAM Campus, Dimapur The Facility was then shifted to Lumami headquarters in 2012. The BIF facility is equipped with 10 terminals with internet connection.

Topics to be covered in the training:

1. Tissue culture (media preparation and tissue culture techniques).
2. Isolation and quantification of photosynthetic pigments.
3. Nucleic acid isolation (Plants and microbes).
4. Estimation of DNA, RNA and protein.
5. Agarose gel electrophoresis.
6. Polymerase chain reaction (PCR) and imaging.
7. Basic Bioinformatics.
8. Media preparation for microbial culture (fungi and bacteria)
9. Initiation of culture and pure culture.

Who can apply:

Teachers and Faculty members from Higher Secondary Schools teaching Biology or in any branch of life sciences or a relevant field.

Registration fee:

No registration fee, however University/Department will not bear their expenses (TA/DA, food and lodging, except working tea and lunch). Sponsoring Institute will have to bear their expenses.

Important dates

Last date for submission of application: September 02, 2016

Selection of participants: September 05, 2016

Intake capacity: 08 (eight); (Each School can nominate maximum two teachers)

Accommodation:

If any participant needs accommodation, may be arranged in the university guest house (sharing basis, with limited facilities) on payment basis. Applicants need to request in advance.

How to reach us:

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

The BIF Centre, is located in the Dean, School of Science building adjacent to the Department of Botany, Nagaland University, Lumami, Nagaland.

Application Form Performance

**Hands on Training
for**

**Higher Secondary School Teachers
on**

**'Plant Biochemistry, Molecular Biology and
Basic Biotechnology'**

19 - 22 September, 2016



Name of the teacher: _____

Gender: _____

Qualification: _____

Address for communication: _____

Mobile No.: _____

Email: _____

Name of the school: _____

Department: _____

Purpose for attending the training: _____

Accommodation needed: Yes/No

Sponsoring authority: _____

Signature of the teacher concern: _____

Signature of the Principal: _____

(with office seal)