

Introduction

India is rich in biological diversity and among World's top 17 mega biodiversity countries with 4 biodiversity hotspots. The rich diversity maintained by the indigenous communities offers enough opportunities for economic growth of the country. It is expected that only ~10-12% of the world flora is studied so far and remaining resources are yet to be explored. The diversity and variation of the species have been reduced by generic erosion. Since the genetic resources have limits in their reproduction and adaption, any additional loss on account of different anthropogenic activities adversely affect the welfare of the future generation.

The Nagaland State is a hilly area surrounded by the Eastern Himalayan range and wrapped with most important, rare, endangered and threatened biological resources. The biological resources of the Nagaland had been explored in the past for the betterment of the society. Also, basic and advanced research had been continued by the institutes for the yield, production, conservation, improvement of the traits in biological resources of Nagaland. The Nagaland University is still young but has taken some initiatives in advanced research for some important bio-resources for the development of the agriculture, food security, rural economy, genetic improvement and welfare of the future generation in Nagaland.

Biology is a vast and diverse field composed of many specialized disciplines that study the structure, function, growth, distribution, evolution, or other features of living organisms. Though profound advances were made over recent decades; continuing advances in Biological Science studies, necessitate timely re-structuring and integrated holistic approaches in-tune with the new areas of research to unraveled life's fundamental processes.

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Prof. N. S. Jamir

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Organizing Committee

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Head, Department of Botany, Nagaland University

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NATIONAL SEMINAR On

'ADVANCES IN BIOLOGICAL SCIENCE RESEARCH'

February 28-March 01, 2017



**Organized by
Department of Botany
Nagaland University
Lumami 798627, Nagaland**

**Sponsored by
Nagaland University
&
University Grants Commission
New Delhi**

About Nagaland University, Lumami

Nagaland University is a Central University established by the act of Parliament No. 35 of 1989 with campuses at Meriema, Medziphema, Dimapur and Headquarters at Lumami, Zunheboto district. The foundation stone was laid by Late Rajiv Gandhi (former Prime Minister of India) on 6th September 1987.

About Department of Botany

Department of Botany was established on 6th September, 1997. The Department offers courses on M. Sc. and Ph. D. Department has well equipped research laboratories in different fields of Botany. Department is in receipt of research grants from DBT, CSIR, MoEF, UGC and other funding agencies. Department is supported by UGC's 'Special Assistant Programme (DRS-III). The Institutional Biotech Hub sponsored by the Department of Biotechnology, Ministry of Science & Technology, Govt. of India, New Delhi is housed in the Department of Botany. Besides M. Sc. And Ph. D. programmes, Department is also organizes National Workshops, Trainings for Scholars, Faculties in different fields of Botany. Bioinformatics Infrastructure Facility (BIF) Centre, Nagaland

How to Reach Lumami

Nearest Town is Mokokchung (~20 KM from Lumami). Mokokchung is connected by Bus and Taxi from:

- 1) **Guwahati:** Blue Hill & Network Bus Service from ISBT (6.30 pm)
- 2) **Mariani/Jorhat:** Tata Sumo Service (7:00 am & 12:15 pm)
- 3) **Dimapur:** Bus/Tata Sumo/Winger services (6:00 am & Night service)
- 4) **Nearest railway station:** Mariani, Assam (85 KM)
- 5) **Nearest Airport:** Jorhat, Assam (105 KM)

Weather During February

Weather during the seminar is expected to be cold. Temperature range 7-18°C.

Sub-Themes:

1. Inventory of PGRs and Microbial Resources
2. Reproductive Biology, Behavioral Biology & Palynology
3. Biodiversity Mapping, Population Dynamics, Landscape Ecology & Biodiversity Services
4. Biodiversity Conservation (*Ex situ & In situ*)
5. Environment & Climate Change
6. New Biology/Contemporary Biology
7. Community Participation in Biodiversity Conservation, ITK and IPR

Note: Contributions are not restricted to the above sub-themes.

Registration Fee

Faculty/Scientist: Rs. 2000.00

Ph. D. Scholars/Students: Rs. 1000.00

NGOs/Community Leaders Associated with Biodiversity Conservation: Nil

Accompanying Person Rs. 1000.00 (without Registration Kit)
(Registration includes Registration Kit, Tea, Lunch, Dinner for two Days).

Accommodation: On Payment Basis

Single accommodation: (Executive: Rs. 3000.00; Deluxe: Rs. 2000.00; Semi-Deluxe: Rs. 1500.00 per day; Tax as applicable). Sharing basis: Rs. 1200.00 per day

Students/Scholars: Rs. 600.00 per day (Sharing basis).

Accommodation requirement to be requested in advance.

Mode of Payment: Spot

Important Dates

Registration: Last Date - February 10, 2017

Abstract: February 10, 2017

Acceptance Letter: February 15, 2017

Call for Abstract

Abstract of papers not exceeding 300 words each indicating the full title of the paper, name(s) of the author(s) and affiliation with e-mail should reach to the Organizing Secretary/Joint Secretary by post/e-mail on or before February 10, 2017. The abstract should be typed in Times New Roman 12 point only.

Instruction for Poster

Maximum Size: L x B - 1.3 x 0.8 m or 130 x 80 cm

Research Scholars are encouraged for 'Poster' presentation. Best three 'Posters' will be awarded.

Registration Form

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Name: Mr./Ms./Dr./Prof. _____

Designation: _____

Sex: Male / Female (Please tick mark)

Address: _____

Email: _____

Phone/Mobile: _____

Presenting paper: Oral/Poster

Accommodation required: Single/Sharing (Executive/Deluxe/S-Deluxe)

No. of Days: From _____ to _____

Accompanying person: Yes/No; If Yes, Name with gender: _____

Date of Arrival: _____; Departure: _____

Signature: _____

(Form may be downloaded www.nagalanduniversity.ac.in or Xeroxed)