



National Symposium on Biodiversity Assessment, Conservation and Value Addition

March 17 – 19 , 2011



GENERAL INFORMATION:

Shillong, the capital of Meghalaya is located at an altitude of 1496 metres above the sea level. Tucked away in the hills of Eastern-Himalaya, Meghalaya, is one of the most beautiful states in the country. Nature has blessed her with abundant rainfall, sunshine, virgin forest, high plateaus, tumbling waterfalls, crystal clear rivers and meandering streamlets.

Weather: The weather of Shillong in March is pleasant with temperature ranging between 10°C to 18°C. Moderate woollen clothing is advised.

How To Reach: Shillong is connected to Guwahati by NH 40 and it takes 3 to 4 hours to cover the distance of 103 km. Guwahati itself is connected to all parts of the country by rail, road and air services.

REGISTRATION:

All interested participants are to submit registration form along with the fee and abstract(s) on or before 21st February 2011, to the Organizing secretary. Selected authors/papers will be intimated by email/phone. Registration Fee is Rs.1500 (Rupees One Thousand Five Hundred). Late Registration Fee of Rs.2000/- (Rupees Two Thousand) would be charged. The Registration fee can be send through Demand Draft in favour of “**Organizing Secretary, NSBACVA**”. Accommodation may be arranged on request at the university guest house/hostels subject to the availability.

ADDRESS FOR COMMUNUCATION:

Prof. B. K Sharma, Organizing Secretary
Dean, School of Life Sciences,
North Eastern Hill University, Shillong – 793 022, Meghalaya
☎ +91364-2722001/02, 2551292
☎ +919436110599
✉ Email: bksharma@nehu.ac.in



Organized By:

**School of Life Sciences
(UPE- Biosciences)**

**North-Eastern Hill University
Shillong – 793 022
Meghalaya**

**Venue: Multi-Use Convention Centre
North-Eastern Hill University**



Theme of the Symposium

The present era has experienced the extinction of various species due to pollution, rapid-industrialization, increased human encroachments in deep areas of forests, exotic predators and competitors that resulted in the loss of biodiversity.

Realizing the potential resources available in this part of the country, UGC has provided research grant to NEHU under UPE Scheme. The university has identified eight broad areas for Biodiversity Assessment, Conservation and Value Addition. The symposium shall focus on the following themes:

1. Ecological diversity and its relationship with ecosystem functions.
2. Inventorization and molecular profile-based characterization and documentation of microbial, faunal and floral genetic resources of the region.
3. Bioprospection of traditional medicinal plants for their anti-cancer, anti-microbial, anti-diabetic, anti-helminthic and anti-ageing properties.
4. Electronic herbaria and computer-aided storage and retrieval systems, Establishment of gene banks.
5. Bioprospection of novel genes, promoters, biomolecules and enzymes of potential applied/economic importance from the bioresources of the region.
6. Study of genome instability induced by various environmental factors.
7. Conservation biotechnology of rare and endangered plants of North East India.
8. Reproductive biology of plants, fish and amphibia.



ORGANIZING COMMITTEE

Patron:

Prof. A.N. Rai, Vice-Chancellor, North-Eastern Hill University

Convener:

Prof. R. Lalthantluanga, Coordinator, UPE Biosciences, NEHU, Shillong

Organizing Secretary:

Prof. B.K. Sharma, Dean, School of Life Sciences, NEHU, Shillong

Members:

Prof. M.S.Dkhar, Head, Dept. of Botany

Prof. R.N.K. Hooroo, Head, Dept. of Zoology

Prof. A. Alam, Head, Dept. of Biochemistry

Prof. S.R. Rao, Head, Dept. of Biotechnology & Bioinformatics

Prof. P. Tandon

Prof. Veena Tandon

Prof. A.K. Misra

Prof. R. Sharma

Prof. B.B.P. Gupta

Prof. R. N. Sharan

Prof. N.K. Chrungoo

Prof. A. Chatterjee

Prof. K. Aguan

Participants

The Symposium is open to faculties from universities and colleges, research scholars, professionals from government research institutes, private and nongovernmental organizations. Policy/decision makers in biosciences based sectors are also welcome to participate in this symposium.