



ASSAM BOTANY CONGRESS - 03 (ABC-03)

&

**INTERNATIONAL CONFERENCE ON
BIODIVERSITY AND CLIMATE CHANGE:
CHALLENGES AND OPPORTUNITIES
FOR NATURE-BASED SOLUTIONS**

Organized By

**Department of Life Sciences
Dibrugarh University**

&

Botanical Society of Assam

11th - 13th November, 2024

About the Conference

The Assam Botany Congress is a biennial event organized by the Botanical Society of Assam to foster scientific dialogue and collaboration. The Assam Botany Congress-03 is its third edition and will take place in Dibrugarh University in Dibrugarh, Assam, this year. As a part of this esteemed event an international conference on "**Biodiversity and Climate Change: Challenges and Opportunities for Nature-based Solutions**" will be organised by the Department of Life Sciences, Dibrugarh University and Botanical Society of Assam. This conference aims to bring together experts, researchers, academicians, and policymakers from around the globe to discuss critical issues related to biodiversity conservation, climate change impacts, and sustainable natural resource management. The theme of this conference is particularly significant given the growing global concerns about climate change and its far-reaching impacts on biodiversity. Biodiversity is essential for ecosystem resilience, providing vital services such as food security, water purification, and climate regulation. However, climate change severely threatens biodiversity, leading to habitat loss, species extinction, and altered ecosystems. The integration of nature-based solutions offers a promising approach to address these challenges, leveraging the power of natural processes to enhance ecosystem health and resilience. This conference is being conducted to provide a comprehensive platform for scientists, researchers, research scholars, students, and the entire nation to engage in meaningful discussions and share innovative solutions. It aims to highlight the importance of biodiversity in maintaining ecological balance and the necessity of adopting nature-based solutions to mitigate climate change impacts. By facilitating the exchange of knowledge and fostering collaborative efforts, the conference seeks to contribute to the development of sustainable strategies for conserving natural resources and promoting environmental stewardship.

The Organizing Committee is as follows:

Chief Patron :

Prof. Jiten Hazarika,
Hon'ble Vice Chancellor, Dibrugarh University

Advisory Committee:

Prof. M. Dutta Choudhury, Vice Chancellor, RTU, Hojai
Prof. D. Chetia, Dean, R&D, D.U.
Prof. D.S. Bora, Dean, Faculty of Biological Science, D.U.
Dr. Amrit Chandra Barbora, Chief Scientist, C.R.S., A.A.U.
Dr. Dipjyoti Rajkhowa, Jt. Director, ICAR Res. Complex, NEH Region
Prof. A.P. Das, Retd. Professor, NBU, Siliguri
Dr. O.N. Tiwari, IARI, Pusa, New Delhi
Prof. S. Tangjang, RGU, Itanagar
Prof. Hui Tag, RGU, Itanagar
Prof. P.K. Singh, Imphal
Prof. C. R. Deb, Nagaland University

Chairperson:

Dr. P. K. Baruah, President, BSA

Co-Chairperson:

Prof. L.R. Saikia, Dibrugarh University

Convenors:

Prof. B. Neog, Dibrugarh University

Prof. P.P. Baruah, Gauhati University

Prof. B. Tanti, Gauhati University

Prof. D. Kardong, Dibrugarh University

Coordinator / Organizing Secretary:

Dr. Pankaj Chetia, Dibrugarh University

Jt. Organizing Secretary:

i) Dr. M.K. Singh, D.U.

ii) Dr. M. Borkataky, D.U.

iii) Dr. M. Puzari, D.U.

iv) Dr. R. Nath, D.U.

v) Dr. R. Thakur, D.U.

Treasurer:

Dr. M. Puzari, D.U.

About Dibrugarh

Nestled in the northeastern corner of India, Dibrugarh is a captivating blend of natural beauty, cultural richness, and economic vitality. Known as the "Tea City of India," Dibrugarh is the largest tea-producing city in the country, offering a lush green landscape dotted with sprawling tea estates. It is located in Assam, along the river mighty Brahmaputra, and is the headquarter of Dibrugarh District. It is well-connected by road, rail, and air, with the other parts of the country. The city's strategic location makes it a crucial hub for commerce and trade in northeastern India. Dibrugarh's humid subtropical climate, with mild winters and heavy monsoons, is perfect for its thriving tea industry. Economically, Dibrugarh is driven by tea production and serves as a commercial and industrial center, emphasizing education, healthcare, and tourism.

About Dibrugarh University

Dibrugarh University, the easternmost university in India, was established in 1965 under the provisions of the Dibrugarh University Act enacted by the Assam Legislative Assembly. Located in the heart of Dibrugarh district, the university is a beacon of higher education and research, significantly enhancing the academic and intellectual landscape of the region. Dibrugarh is well-connected by bus, train, and air, with the university situated just 20 km from Mohanbari Airport and 4.7 km from Dibrugarh Railway Station, ensuring easy access for students and scholars from across India and beyond.

About the Department of Life Sciences, Dibrugarh University

The Department of Life Sciences, established in 1977, aims to discover and disseminate knowledge in life sciences through teaching and learning processes, addressing health and welfare issues affecting society. The department offers postgraduate programs such as M.Sc. and Ph.D. in Life Sciences to generate competent human resources per individual, institutional, and societal norms. From the academic session 2024-2025, it has also introduced a Five-Year Integrated Post Graduate Programme (FYIPGP) per NEP 2020. Recognized as a thrust area of the 21st century and one of the fastest-growing disciplines globally, this DST-FIST-sponsored department receives grants from various agencies, including UGC, DBT, ICMR, MoEF, and NBFGR, and boasts advanced facilities.

About the Conference

Themes

- Biodiversity Conservation
- Impact of Climate Change on Biodiversity
- Conservation of Natural Resources
- Sustainable Agriculture
- Plant Nutrition and Soil Science
- Plant-Environment Interactions
- Biosystematics
- Innovative Strategies for Bioresource Utilization
- Bioprospecting of Natural Resources
- Microbial Ecology and Nature-Based Solutions
- One Health Approach to Address Emerging Infectious Diseases
- Bioremediation for Environmental Restoration
- Indigenous Knowledge System
- Social Dimension of Climate Change
- Climate change and society

Call for Abstract

Faculty, Research scholars, students of different universities, colleges, and research institutions, and other individual researchers are invited to submit original research work on any of the themes mentioned above. The abstract should be typed in English language using MS Word (spacing: double space, font: Times New Roman, font size:12) and should not exceed 250 words. The abstract must contain the title of the paper, author(s), affiliation, and complete corresponding address along with contact number and email. The name of presenting author(s) must be underlined. It should also contain at least three keywords. A template for abstract preparation can be downloaded from the registration form.

Important dates:

Online Registration and submission of abstract starts: 25 August, 2024.

Online Registration and submission of abstract ends: 20 October, 2024.

Registration fees

Registration is compulsory for participation/paper presentation in the conference. At least one author should register for the paper presentation. The registration fee (non-refundable) is given below:

Particular	Registration by 20.10.2024	Spot Registration	Foreign Delegates
Academicians/ Scientists	Rs. 2500/-	Rs. 3000/-	USD \$100
Industry delegates/ NGO Representatives/ Entrepreneurs	Rs. 5000/-	Rs. 5500/-	USD \$150
Research scholars/ Students/ Young Professionals/ Postdoctoral fellows	Rs. 1200/-	Rs. 1600/-	USD \$50

How to reach

By air: The nearest domestic airport Dibrugarh (Mohanbari Airport) is located at a distance of 20 km from Dibrugarh University.

By Road: The Dibrugarh bus station is located at a distance of 5 km from the University.

By Rail: The nearest railway station is located at a distance of 6 km from the University.

Accommodation

Registered delegates/participants will be accommodated in the University guest house on a first-come, first-served basis at officially prescribed rates. Other guests will be accommodated in hotels located in the city on a paid basis. All correspondence regarding accommodation should be made to **Dr. Ratul Nath, Department of Life Sciences, Dibrugarh University (+91 88762 11051).**

Registration process

Interested participants can register by filling up the Google form using the link/ QR code

<https://forms.gle/EWTVR6kZdwYdMBbk7>

For further details, contact

Dr. Pankaj Chetia

Department of Life Sciences, Dibrugarh University

Dibrugarh-786004, Assam, India

Mobile no: +91 94355 22763

Email ID: assambotanycongress@gmail.com



