



CSIR & APCB Sponsored

Two days National Seminar on

Plants and Microbes for a Sustainable Environment (Hybrid mode)

On

16th and 17th March, 2026

**Organized by
Dept. of Botany
Jagannath Barooah University
Jorhat, Assam, India**

About the organizers

About The university

Jagannath Barooah University (Formerly Jagannath Barooah College) is a state university under Jagannath Barooah University Act 2023 of Government of Assam and recognized by UGC under section 2(f). JBU is a premier institution of higher education located in Jorhat, a city with a rich cultural heritage and a glorious historical background in the upper part of the Brahmaputra Valley of Assam. The development of modern education in colonial Assam has a close connection with the establishment of this institution at Jorhat in 1930. After 95 years of its glorious existence, it has become the hub for educational excellence, fostering its vision and mission in tune with the objectives of Higher Education of the nation. It has contributed substantially towards nation building process, promoting global competency, emphasizing continuous up gradation of teaching learning methods and techniques. It puts its best endeavour to materialize the dreams of its stakeholders through its innovative practices, programmes and policies.

The institution has already been reaccredited by NAAC in 2011 and awarded “A” grade on the basis of its performance in the field of higher education. J.B. College has also been conferred fresh autonomous status by the UGC with effect from 2016-17. Moreover, the star status has been awarded to the college by the Department of Bio-Technology, Ministry of Science & Technology, Govt. of India.

About the Department

The Department of Botany is one of the oldest and leading departments of J.B. College (Autonomous). It was established as the Dept. of Biology in 1953. At present, 04 Associate Professors and 02 Assistant Professors with 03 supporting staff are working in the department. Since its inception the department has able to show remarkable performance in maintaining the tradition of academic excellence. The department maintains the Botanical Garden of the College, Botanical Museum and Herbaria. Faculty members of the department have received research projects funded from UGC. The department has been identified for special assistant grant by DST under star college scheme along with department of Physics, Chemistry and Zoology.

The department has a Botanical Society for all the students and faculties of the department which facilitates the extension activities of the department besides providing a common platform to students and teachers for academic discourse. Green Plus Society, was established under the banner of department of Botany in November, 2003. Apart from studies, the students of the department are engaged with sports, cultural sector and have shown their potential by participating in various events of regional and National Level. It is a matter of pride for all of us that every year most of the passed-out students of the department got admissions in M.Sc. and other professional courses in institute of repute and top-ranking institutes. Many alumni of the department today hold important positions in different fields including teaching as well as research institutions all over India.

About the seminar

Plants and microbes are essential for sustainability through their symbiotic relationships, positively impacting agriculture, waste management, and climate change mitigation. Research in plant sciences addresses global challenges such as food security and biodiversity loss, leading to improved crop yields and new sustainable products like medicines and biofuels. Microbes further support agriculture by enhancing nutrient absorption, pest resistance, and stress tolerance, while contributing to environmental health through waste recycling and carbon sequestration. Despite the threats posed by human activities to natural resources, promoting eco-friendly approaches is crucial for ecorestoration and sustainable development. Henceforth, the Department of Botany at Jagannath Barooah University is organizing a national seminar in hybrid mode to discuss these sustainability challenges and seek actionable solutions. The earth's native resources are threatened by excessive human exploitation, leading to environmental damage. Protecting the environment and pursuing sustainability through eco-friendly methods is essential. To address these issues, the Department of Botany at Jagannath Barooah University, Jorhat, is organizing a national seminar inviting scholarly papers and posters. This two-day blended seminar aims to foster discussions on sustainable development amid evolving environmental policies, with hopes of developing concrete action plans to mitigate the conflict between environmental degradation and sustainability.

Sub Themes:

1. Plant and microbial diversity
2. Medicinal plants and ethnobotany.
3. Plant microbe interaction
4. Biotechnological interventions and sustainable environment
5. Environmental pollution and their management.
6. Biotic and abiotic stress management.
7. Socioeconomic and legal dimensions of sustainable development.
8. Green chemistry.
9. Biopesticides and biofertilizers.
10. Ecocriticism on sustainable environment
11. Environmental humanities and sustainability
12. Eco justice and botanical literature
13. Commercialization of plant and microbial products.

Formatting guidelines for abstract submission

1. The heading of the abstract should be in capital, bold, font size 14, times new roman, central aligned.
2. The abstract should be within 300 words and typed in font size 12., line spacing 1.5, justified aligned.
3. Maximum 6 keywords.

Important dates:

Extended Date of abstract submission : **10th March, 2026.**

Acceptance of abstract : **10th March, 2026.**

Registration deadline : **15th March , 2026**

Registration Form link:

<https://forms.gle/gpFcbXQf75sRuKU9>

Scan the code below for registration



Registration fees

Academicians /Professional/ faculty : Rs. 1500/-
Research scholar : Rs. 800/-
Students : Rs. 700/-

Bank details for registration fee deposition:

Account No.: **20058335816**
Account Holders name: **Liza Handique**
IFSC: **SBIN0000104**
Bank Name: **State Bank of India**

Organizing committee

Patron

Prof. Jyoti Prasad Saikia

Vice-Chancellor of Jagannath Barooah University

Chairperson

Dr. Utpal Jyoti Mahanta

Registrar, J.B.U., Assam

Dr. Arup Kumar Misra

Chairman, Assam Pollution Control Board, Guwahati, Assam

Convener/Organizing secretary

1. Mr. Bubul Ch. Neog, Associate Professor, J.B.U.

2. Dr. Liza Handique, Asst. Professor, J.B.U.

Members:

1. Dr. Anita M. Buragohain, Associate Professor, J.B.U.

2. Dr. Runjun G. Rajkumari, Associate Professor, J.B.U.

3. Dr. Kalyan Das, Associate Professor, J.B.U.

4. Mrittika Das, Asst. Professor, J.B.U.

5. Dr. Tashmi Konwar, Asst. Professor, J.B.U.

6. Dr. Alakesh Das, Asst. Professor, J.B.U.

Invited Speakers:

1. Dr. Vipin Parkash, Scientist-F, Forest Pathology Division, Forest Research Institute, & Programme Coordinator (M.Sc.&Ph.D. Forestry) Forest Research Institute (Deemed) University, (Indian Council of Forestry Research & Education) Autonomous council under Ministry of Environment, Forest & Climate Change, (Govt. of India), Dehradun, India.

2. Dr. Rupam Kapoor, Professor, University of Delhi, Delhi, India.

3. Dr. Pankaj Chetia, Dept. of Life Sciences, Dibrugarh University, Dibrugarh, Assam, India.

4. Dr. Nilakshee Devi, Dept. of Botany, Gauhati University, Gauhati, Assam, India.

Advisors

1. Dr. Ratul Baishya, Professor, Dept. of Botany, University of Delhi, Delhi.
2. Dr. Heikham Evelin, Associate Professor, Dept. of Botany, Manipur University, Manipur.
3. Dr. K. Tayung, Professor, Dept. of Botany, G.U., Assam
4. Dr. Bhaben Tanti, Professor, Dept. of Botany, G.U., Assam
5. Dr. L.R. Saikia, Professor, Dept. of Life Science, Dibrugarh University, Assam
6. Dr. Krishna Giri, Scientist-E, Centre of Excellence on Sustainable Land Management, Indian Council of Forestry Research and Education (MoEF & CC, Govt. of India) Dehradun, Uttarakhand.
7. Dr. Gaurav Mishra, Scientist-E, Centre of Excellence on Sustainable Land Management, Indian Council of Forestry Research and Education (MoEF & CC, Govt. of India) Dehradun, Uttarakhand
8. Dr. Sangita Phukan, Associate Professor, Dept. of Botany, Sivasagar University, Assam
9. Dr. Hemen Sarma, Professor, Dept. of Botany, Bodoland University, Assam
10. Dr. Nazim Forid Islam, Associate Professor, Dept. of Botany, Rabindranath Tagore University, Hojai, Assam.
11. Dr. Anuradha Gogoi, Executive Environmental Scientist, APCB, Assam
12. Surajit Barua, Asst. executive IT officer, APCB, Assam
13. Dr. Doya Singh Neog, Associate Professor and H.O.D, Dept. of Botany, D.C. B Girl's College, Jorhat, Assam.
14. Dr. P.N. Bhattacharyya, Assistant Professor and H.O.D, Dept. of Botany, N.N. Saikia College, Jorhat, Assam.
15. Dr. Sangeeta Das, Assistant Professor and H.O.D, Dept. of Botany, Bahona College, Jorhat, Assam
16. Ashish Pratim Hazarika, Assistant Professor, Dept. of Botany, Kakojan College, Jorhat., Assam
17. Dr. Aminul Islam, Assistant Professor, Dept. of Botany, Majuli College, Majuli, Assam
18. Dr. Bhaskar Sarma, Dept. of Botany, Dhemaji College, Dhemaji, Assam



For any query, contact :
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