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## INTERNATIONAL CONFERENCE

On

## Progress and Challenges in Modern Day Sustainable Science (PCMDSS-2026)

Date: 2nd & 3rd November, 2026

Website: <https://pcmdss.bborooahcollege.ac.in/>



Hosted and Organized by



Department of Chemistry

B. Borooah College (Autonomous)

Dr. B. Baruah Road Ulubari, Guwahati-781007, Assam  
(NAAC accredited with 'A++' Grade)

In association with



Pollution Control Board Assam  
(PCB)



Assam Science Technology and  
Environmental Council (ASTEC)

## About the Conference

Scientific and technological developments cannot be considered in isolation of their future consequences. True human progress necessitates a harmonious balance with environmental preservation in order to protect future generations' interests. Addressing these essential intersections, the International Conference on "Progress and Challenges in Modern-Day Sustainable Sciences," organized by the Department of Chemistry, B. Borooah College (Autonomous), provides an important forum for scholarly discourse. This event is directly aligned with the United Nations Sustainable Development Goals (SDGs), which are a worldwide call for action to end poverty, protect the planet, and achieve global prosperity by 2030.

India is at the centre of this worldwide paradigm change. The Indian government has taken a proactive, "mission-oriented" approach to sustainability. Through the Atmanirbhar Bharat vision, national policies openly incorporate scientific research, technological innovation, and economic self-reliance rather than considering ecological protection as a stand-alone issue.

Within this paradigm, chemistry and their subfields are critical to driving scientific advancements that align with the SDGs. Significant gaps remain in converting the knowledge research into creating new innovations, techniques, technologies, processes and methodologies that adhere to the larger principle of sustainability. Therefore, implementing these objectives requires coordinated action from governments, academics, researchers, and students.

This conference aims to break down these barriers. By bringing together international researchers, industry leaders, policymakers, and students, the event will transform molecular-scale science into macro-scale solutions. Attendees will analyse current scientific bottlenecks, explore emerging trends, and collaborate on actionable ecological breakthroughs.

The conference comprises of Plenary Lecture (PL), Invited Lectures (IL), Short Invited Lectures (SIL), Students oral presentations (OP) and Poster Presentations (PP).

## Scientific Topics to be covered

Energy, Health, Organic Chemistry, Inorganic Chemistry, Physical Chemistry Green Chemistry, Environment and Sustainability, Biomaterials, Agriculture and Food Technology, Climate Change, Waste Management, Multidisciplinary Science

## The host

B. Borooah College (Autonomous) was established in the year 1943 in the name of Bholanath Borooah, a doyen of Assam's business world and a close associate of Sahityarathi Lakshminath Bezbarua. The College has completed eighty three years of glorious service to higher education. The College since its inception has been playing a leading role in the preservation of art and culture and in the development of a

research, analytic and scientific mind in its students and its faculty. At present the College offers courses in H.S. (Science), H.S. (Arts), H.S. (Commerce), B.A., B.Sc., B.B.A., B.Sc.(IT) and M. Sc. Moreover, it also offers PhD program. The college has made rapid strides over the years as evident from the fact that in September 2023 the college has been awarded Grade 'A++' by NAAC. Also the college was conferred autonomous status by the University Grants Commission (UGC) in 2024.

## The Department

The Chemistry department was started in 1964 and at present offers HS, B.Sc (general), BSc (Major), MSc courses along with PhD. The department has also been awarded DST-FIST Level I grant. It is an important component of the DBT Star College scheme. Along with the regular academic activities, the faculties of the Department are undertaking research activities. DST-SERB, UGC, ARIAS, RIDF funded research project and consultancy project have been carried out in the department.

## Call for Abstract

For registration and submission of abstract please visit our website  
<https://pcmdss.bborooahcollege.ac.in/>



## Guidelines of Abstract Preparation for PCMDSS-2026

The abstract should be written in English and be submitted in MS Word format. An abstract should include a title, the information of authors and affiliations, the e-mail address of corresponding author, and the main text with figures/tables. The name of the presenting author should be underlined. Throughout the abstract, use Times New Roman font with single spacing between lines. The recommended font size is 14 pts for the title and 11 pts elsewhere. The main text should be justified.

### Registration fees:

|                                  |                             |
|----------------------------------|-----------------------------|
| Faculty & Scientists: INR 2000/- | Researchers: INR 1500/-     |
| Industry Delegates: INR 3000/-   | Only Attendance: INR 1000/- |

### Important Dates

Last date of Registration: 22-10-2026  
Last date of Abstract Submission: 22-10-2026  
Seminar Date: November 2-3, 2026

### CONTACT:

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