



## Department of Chemistry

### A Glimpse-

The Department was established in the year of 1984. From the day of its establishment, the Department has graduated a large number of outstanding students. The Department encourages its students to develop both personally and intellectually. It's related to outside-the-classroom initiatives like awareness campaigns and government-funded outreach programmes. Currently, the Department consist of 04 permanent faculties with about 450 students.

# LUMINESCENCE

## NEWS LETTER DEPARTMENT OF CHEMISTRY

Dr Hemanta Hazarika is the current Head of the Department. He has specialization in Inorganic Chemistry. His research interest includes aryne chemistry, Pd-Catalyzed reaction. Dr Gautomi Gogoi has specialization in Organic Chemistry and her research interest includes organic semiconductor, Density Functional Theory .

VOLUME-II



FACULTIES



Dr Hemanta Hazarika



Dr Gautomi Gogoi



Dr Atrayee Banaspati



Dr Amlan Jyoti Kalita

Dr Atrayee Banaspati has specialization in Inorganic Chemistry and her research interest includes bioinorganic chemistry. Dr Amlan Jyoti Kalita has specialization in Inorganic Chemistry and his reserach interest includes applied computational Chemistry, DFT study of organometallic compounds.

# Educational Tour to GCU



On March 5, 2024, students from the Department of Chemistry and Zoology of Nabajyoti College had the opportunity to visit Girijananda Chowdhury University. The visit was led by Dr. Hemanta Hazarika, Head of the Department of Chemistry, and Ms. Taslema Begum from the Department of Zoology.

During their visit, the students were introduced to various research activities and facilities available at the university. The experience provided them with valuable insights into advanced research techniques and the academic environment at Girijananda Choudhury University.



This visit was an excellent opportunity for the students to broaden their knowledge and exposure to the latest developments in their respective fields.



Nabajyoti College celebrated National Science Day on February 28, 2024, with a series of events aimed at promoting scientific awareness and enthusiasm among students. The theme for this year's Science Day was highlighted through insightful talks delivered by esteemed faculty members Dr. Gautomi Gogoi and Dr. Atrayee Banaspati, Department of Chemistry.



## National Science Day, 2024





Kalgachia, Assam, India

## World Environment Day

World Environment Day, 2024 was observed by Nabajyoti College where an insightful talk on environmental pollution delivered by Dr. A. Banaspati, Assistant Professor, Department of Chemistry at Nabajyoti College. Dr. Banaspati emphasized the various types of pollution affecting our planet, including air, water, and soil pollution, and discussed the urgent need for sustainable practices to mitigate these issues. Her talk aimed to raise awareness and encourage proactive steps towards environmental conservation among the attendees.



A heartfelt farewell ceremony was organized for the 6th Semester students. During the event, students shared their experiences from the last three years, reflecting on their growth, challenges, and memorable moments. Teachers also took the opportunity to encourage the students to pursue higher studies and wished them success in their future endeavors. The ceremony was filled with nostalgia and well-wishes, marking the end of one chapter and the beginning of another for the graduating students.



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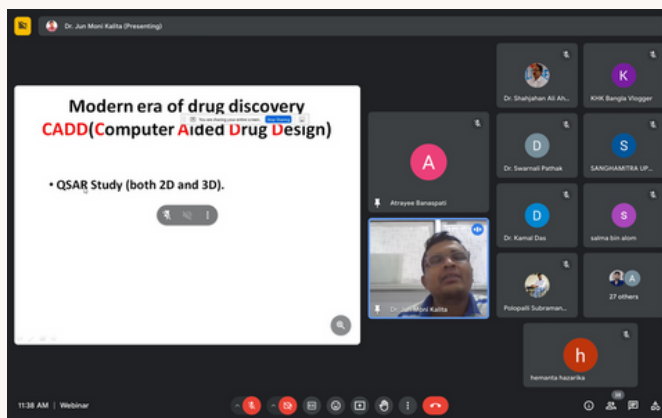
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## Inter-Departmental Lecture

An interdepartmental lecture was organized between the Department of Chemistry and the Department of Botany. Dr. H. Hazarika, Head of the Department of Chemistry, delivered a talk on analytical tools used in various scientific experiments. The lecture provided valuable insights into the applications of these tools in both chemistry and botany, fostering a collaborative learning environment between the two departments.

## Webinar on Computer Aided Drug Design

On May 25, 2024, the Department of Chemistry of Nabajyoti College, in collaboration with the Department of Chemistry of Girijananda Chowdhury University, organized a webinar focused on the cutting-edge topic of "Computer-Aided Drug Design: Modern Era of Drug Discovery." The webinar commenced with an opening remark by Dr. Shahjahan Ali Ahmed, Principal of Nabajyoti College, who emphasized the significance of the event and the collaboration between the two institutions.



The keynote address was delivered by Dr. Junmoni Kalita, Associate Professor at the School of Pharmaceutical Sciences, Girijananda Chowdhury University. Dr. Kalita's presentation delved into the intricacies of computer-aided drug design (CADD), exploring its role in the modern era of drug discovery. The talk provided valuable insights into how computational tools are revolutionizing the process of drug development, making it more efficient and precise.

The webinar was attended by students, faculty, and researchers from both institutions, fostering a deeper understanding of this crucial aspect of pharmaceutical science.

## Popularizing Science Olympiad

Nabajyoti College organized a "Popularising Science" Olympiad, where Dr. Hemanta Hazarika, the Head of the Department of Chemistry, delivered a speech focused on the significance and importance of popularizing the Chemistry Olympiad. Dr. Hazarika's address likely emphasized the value of engaging students in chemistry through such competitions, encouraging participation, and promoting a deeper interest in the subject.





## VISIT OF HONOURABLE VICE CHANCELLOR, BHATTADEV UNIVERSITY



On June 3, 2024, the Honourable Vice-Chancellor of Bhattadev University, Prof. B. K. Das, visited Nabajyoti College. During his visit, he, along with the Principal of the College, toured the Department of Chemistry, where Prof. Das offered words of encouragement to the faculty members.

## CHEMOLYMPICS 2023

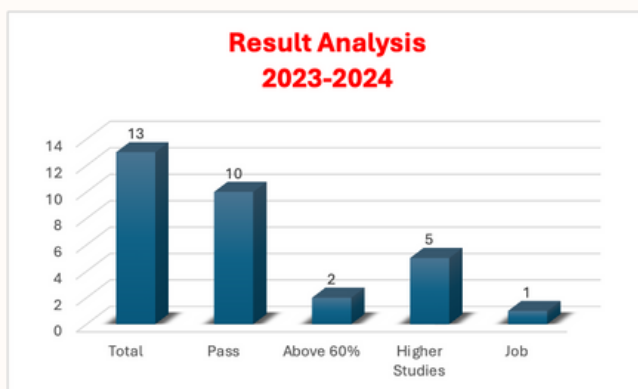
Nabajyoti College also hosted Chemolympics 2023, where approximately 55 students participated in the examination. Dr. Hemanta Hazarika, the Head of the Department of Chemistry, served as the Centre Incharge for this event, overseeing the smooth conduct of the exam.



## OUR ACHIEVERS



MEHDIUZ ZAMAN SIKDAR  
MSc, Bhattadev university



MATINUR KHAN  
MSc, Vikram University

## ALUMNI ACIEVEMENT

SHAHIDUL ISLAM, BATCH OF 2020 SECURED 1ST POSITION IN MSc CHEMISTRY IN 2024 and GOT GOLD MEDAL FROM UNIVERSITY OF SCIENCE & TECHNOLOGY, MEGHALAYA.



