GIRIJANANDA CHOWDHURY UNIVERSITY

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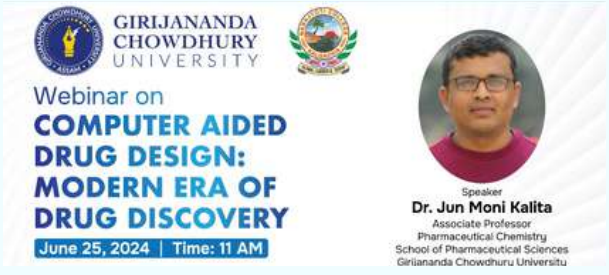
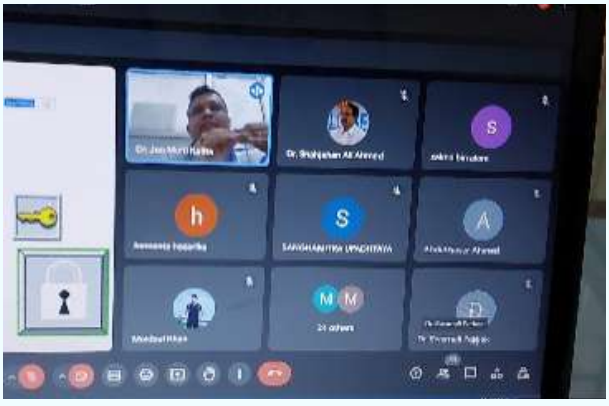
NEWS BULLETIN

A REVOLUTION IN DRUG DISCOVERY

AZARA, June 29: A webinar on "Computer Aided Drug Design: Modern Era of Drug Discovery" was organized by the Department of Chemistry, GCU, in collaboration with the Department of Chemistry, Nabajyoti College, Kalgachia. The event was well-received by attendees from various academic and professional backgrounds, all eager to enhance their knowledge in the field of drug discovery.

The webinar commenced with a warm welcome address by Dr. Swarnali Pathak, Head of the Department (I/C) of Chemistry of GCU and the Co-ordinator of the Memorandum of Understanding (MoU) between Girijananda Chowdhury University and Nabajyoti College, Kalgachia. Dr. Pathak emphasized the significance of the collaboration between the two institutions and the relevance of the topic in today's pharmaceutical landscape.

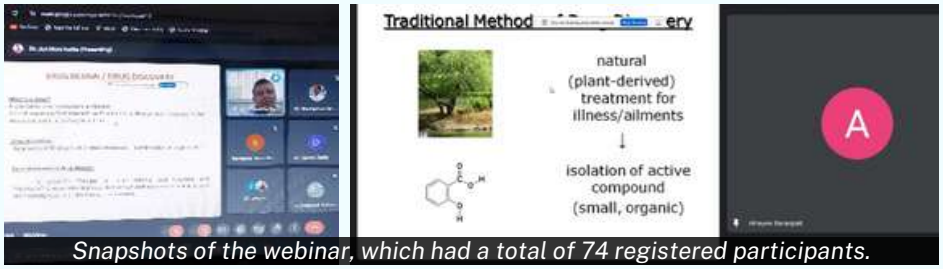




The Principal of Nabajyoti College, Kalgachia, Dr. Shahjahan Ali Ahmed, delivered a brief yet impactful speech on the topic "Computer Aided Drug Design: Modern Era of Drug Discovery." In his speech the importance of computational methods in Drug Design was highlighted. He also motivated the students to take part in the discussion. The keynote speaker for the event was Dr. Jun Moni Kalita, Associate Professor of Pharmaceutical Chemistry, Girijananda Chowdhury University, Assam. Dr. Kalita provided an insightful overview of the traditional methods of drug discovery and the limitations associated with them. He explained how the integration of computer-aided techniques has revolutionized the process, making it more efficient and cost-effective.

The discussion delved into the modern era of drug discovery, characterized by the use of sophisticated computational tools. Dr. Kalita highlighted how these tools facilitate the identification and optimization of potential drug candidates with greater precision. An Overview of Computer-Aided Drug Design (CADD) was provided, showcasing its importance in the current pharmaceutical industry. Dr. Kalita explained various CADD methodologies, including quantitative structure-activity relationship (QSAR) models, Docking, molecular dynamics simulations, and virtual screening.

The webinar on "Computer Aided Drug Design: Modern Era of Drug Discovery" was an enlightening event that provided valuable insights into the advancements and applications of CADD in drug discovery. A total of 74 participants registered for the webinar from different organizations.



Snapshots of the webinar, which had a total of 74 registered participants.