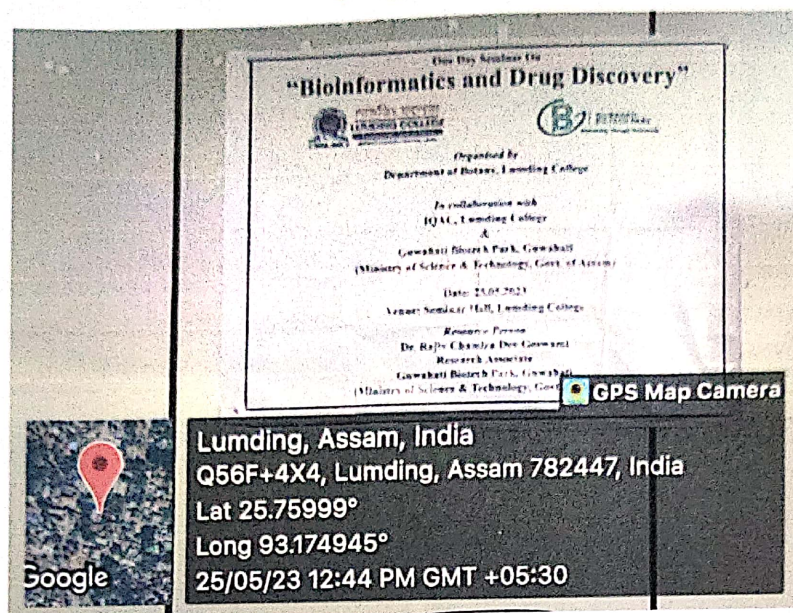


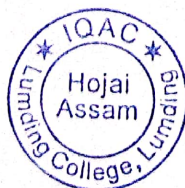
Report on One day Seminar on Bioinformatics and Drug Discovery

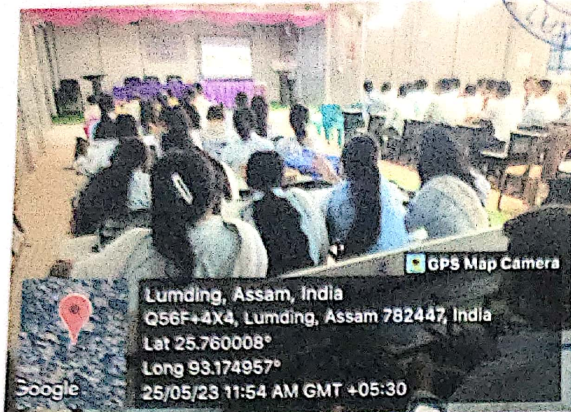


A seminar titled "Bioinformatics and Drug Discovery" was coordinated by the Botany department of Lumding College in collaboration with IQAC, Lumding College, and Guwahati Biotech Park (Ministry of Science and Technology, Govt. of Assam), Guwahati on May 25th, 2023. Dr. Rajiv Chandra Dev Goswami, a senior scientist at Guwahati Biotech Park, served as the resource person.

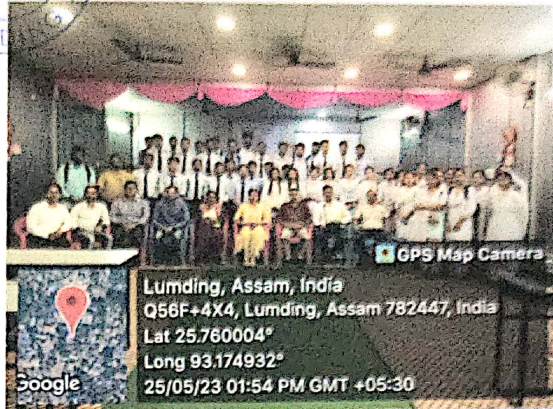
The event commenced at 12:00 pm and was conducted by Mr. Rantumoni Sarma, an assistant professor in the Botany department at Lumding College. Dr. Goswami, alongside Dr. Mrinal Kanti Paul, the Principal of Lumding College, Dr. Sanjay Kanti Das, the IQAC Coordinator of Lumding College, and Mr. Nirmalya Shekhar Singha Choudhury, Head of the Department of Botany at Lumding College, were invited to the stage and honored with traditional Assamese phulan gamucha. After the introductions, Dr. Goswami delivered a presentation on the significance of bioinformatics in drug discovery.

He elucidated how bioinformatics employs computational techniques to analyze extensive biological datasets, including DNA sequences, protein structures, and gene expression patterns, to comprehend disease mechanisms and pinpoint potential drug targets. By amalgamating biological and computational methodologies, bioinformatics expedites the drug discovery process, allowing researchers to identify promising drug candidates more efficiently. This streamlined approach can result in the development of new drugs with improved effectiveness and fewer side effects, ultimately benefiting patient outcomes. The program ended with a vote of thanks given by Shri. Shaleh Akram, assistant professor, department of Botany, Lumding College.

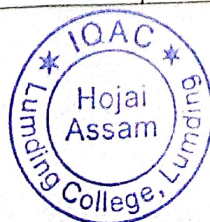
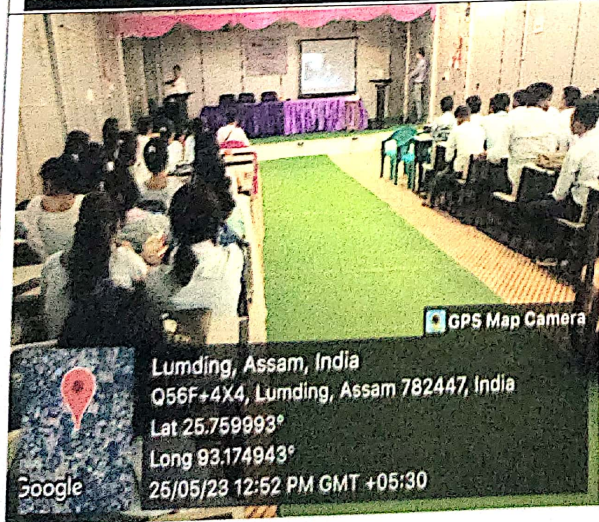
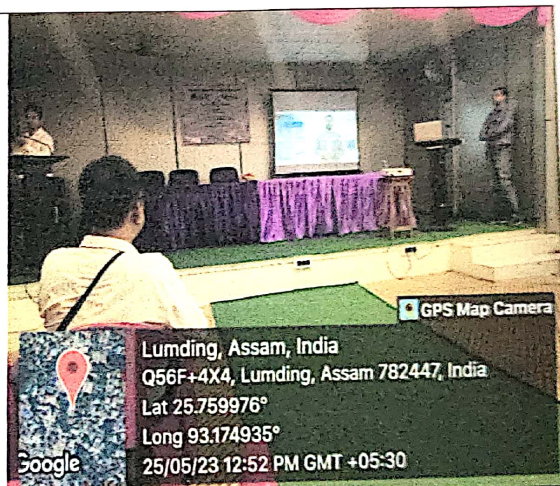
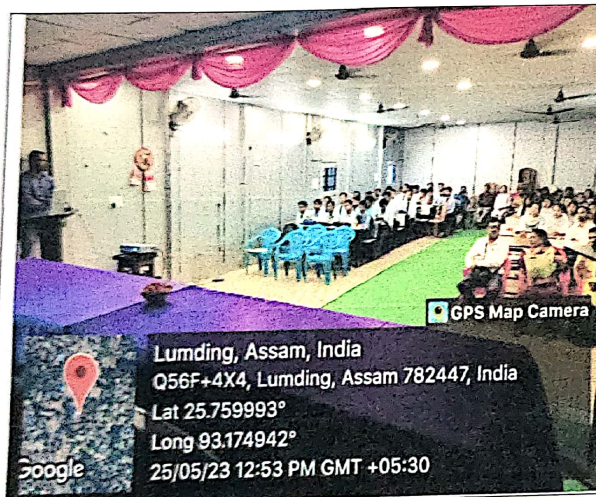




Dr. Goswami delivering the lecture.



Group photo of students and other faculty of the college with Dr. Goswami.





Rapporteur Group, IQAC, Lumding College

1. Mrs. Seema Nath (Convenor)
2. Dr. Jahnabi Das Bhattacharjee (Member)
3. Ms. Sudhangshu Priya Bharati (Member)
4. Ms. Sampurna Bora (Member)
5. Ms. Deborah Daolagupu (Member)

Signature

Seema Nath

Jahnabi

SB

Sampurna

Daolagupu