

NEWS BULLETIN

WEATHER WISDOM FOR FUTURE ENGINEERS



GUWAHATI, September 16: The Department of Civil Engineering, Girijananda Chowdhury University (GCU), Guwahati, organized an educational visit to the India Meteorological Department (IMD), Borjhar on September 4, 2025, for the B.Tech 5th Semester Civil Engineering students.

The visit proved to be highly informative, offering students a deeper understanding of the crucial role of meteorology in engineering and construction practices. In civil engineering, accurate weather and climate data are essential for planning and designing infrastructure, ensuring structural safety, and mitigating risks related to floods, rainfall, wind, and temperature variations.

During the session, IMD officials highlighted the significance of meteorology in civil engineering and explained the weather forecasting processes undertaken at the department. The students were also given a guided tour of the facilities, where they observed the functioning of various instruments and learned about methods used to record temperature, surface air pressure, upper-air pressure, etc.

The visit was coordinated and led by Mr. Rashidul Alam (Assistant Professor, Civil Engineering Department) and Dr. Kasturi Bhuyan (Assistant Professor, Civil Engineering Department). The exposure not only enhanced the students' practical knowledge but also emphasized the critical integration of meteorology in civil engineering applications.



Students learning the significance of weather insights for safer structures.

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HANDS-ON WITH HIGH TECH: GCU ECE STUDENTS AT SAMEER, IIT GUWAHATI



GUWAHATI, September 16: The Department of Electronics and Communication Engineering (ECE), Girijananda Chowdhury University, organized an educational visit to the Society for Applied Microwave Electronics Engineering & Research (SAMEER), IIT Guwahati, on 11th September 2025.

During the program, the officials at SAMEER provided insightful sessions in the fields of Microwave Engineering and Electromagnetic Engineering Technology. The students gained first-hand exposure to High Voltage Power Supply, Power Microwave Tubes, Reflex Klystron, Magnetron, Network Analyzer and various advanced designs related to communication technologies.

The visit offered the students a unique opportunity to witness the practical implementation of theoretical concepts they had studied in their courses. The experience was highly enriching and motivated the students to further explore research and innovation in these domains. The educational visit was coordinated by Ms. Subhadra Das (Assistant Professor, ECE) and Ms. Namrata Kataki (Assistant Professor, ECE).



Students gain hands-on exposure at Society for Applied Microwave Electronics Engineering & Research (SAMEER), IIT Guwahati.

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UNDERSTANDING SUSTAINABILITY: FRESH AIR INDUSTRIAL VISIT 2025



GUWAHATI, September 16: An industrial visit was conducted from the 2nd to 3rd of September 2025 at Fresh Air Limited by the School of Allied Health Sciences, Girijananda Chowdhury University. The visit aimed to provide students with practical exposure and gain insight into biomedical waste management operations and procedures.

On the first day (2nd of September, 2025) Mr. Prayash Borah, Assistant Professor, Department of Medical Laboratory Technology, led 40 first-year undergraduate students and 2 postgraduate students from the School of Allied Health Sciences.

On the second day (3rd of September, 2025) Dr. Subarna Sankar Das (PT), Assistant Professor, Department of Physiotherapy, led a group of 41 first year undergraduate students of the School of Allied Health Sciences and 3 postgraduate students from the School of Allied Health Sciences.

The students gained valuable insights about the processes of biomedical waste management adopted within the plant during the visit. They were made aware of the segregation, treatment, recycling and safe disposal procedures of bio-medical waste which play a vital role in the sustainability of the environment and safety of people.

Sessions were supplemented with elaborate descriptions made by Mr. Niren Kalita, Manager, Factory Administration and Mr. Kaushik Das, Engineer, Factory Operations who took the students through the working process of the factory and responded to questions regarding biomedical waste handling and management.

The industrial visit proved to be highly beneficial for the students as it opened the gap between theoretical learning and real-world practices. It has also improved their knowledge of industry standards and procedures that will help them grow professionally in the healthcare industry.



Students exploring environmental safety provisions and biomedical waste management to be utilised in health-care practices.

NEWS BULLETIN

ENSURING QUALITY IN CONSTRUCTION: GCU STUDENTS VISIT BIS, GUWAHATI



GUWAHATI, September 16: The Department of Civil Engineering of Girijananda Chowdhury University (GCU), Guwahati organized a visit to the Bureau of Indian Standards (BIS) Guwahati Office on September 2, 2025 for the B.Tech Civil Engineering students. The visit was highly informative and gave a deeper understanding of the role of BIS in maintaining quality and safety standards in engineering and construction practices.

During the visit, the officials briefed the students on the importance of Indian Standards (IS codes) in civil engineering and the certification processes followed by BIS. They were also taken on a guided tour of their Chemical and Mechanical Testing Laboratories, where they observed various testing procedures conducted on construction materials to ensure compliance with National Standards.

The visit was led by Mrs. Anwesha Gayan (Assistant Professor, Civil Engineering Department) and Dr. Pallab Jyoti Das (Assistant Professor, Civil Engineering Department) under the guidance of Dr. Moytri Sarmah (Associate Professor, Mathematics Department). The visit greatly enriched the practical knowledge and highlighted the critical role of standardization in infrastructure development.



Students actively participate in the technical sessions organized by experts at the BIS.