Report on Student Seminar by Semester I (Major)
Organized by the Department of Computer Science, Gurudas College
Date: 02.01.2025
Venue: Room 6

On January 2, 2025, the Department of Computer Science at Gurudas College organized a *Student Seminar* for Semester I (Major) students. The seminar took place in Room 6 (ICT Room) and provided an opportunity for students to present their research on space technology and exploration. The seminar was designed to encourage students to explore innovative topics and develop their presentation and communication skills.

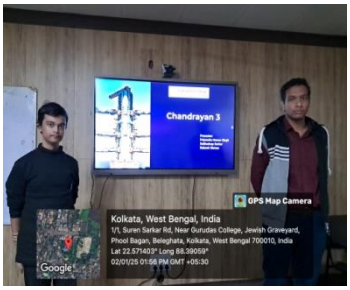
Event Overview:

The seminar covered a range of topics related to space technology, including satellite systems, space exploration missions, and future possibilities in the field. The students presented their findings with confidence, engaging the audience in interactive discussions and sharing their insights into the advancements in space technology.

Presentation Details:

1. **Group 1: Deep Saha, Susampurna Das, Sumit Das**
   Topic: Global Navigation Satellite Systems
   The group introduced Global Navigation Satellite Systems (GNSS), explaining how they work, their applications, and their impact on navigation, communication, and global positioning.
2. **Group 2: Ayan Saha, Subhojit Das, Tannima Basu**
   ***Topic:* FALCON 9**
   This team discussed SpaceX's Falcon 9 rocket, focusing on its innovative design, reusability, and its role in reducing the cost of space travel while enabling frequent launches.
3. **Group 3: Nabonir Biswas, Shubhodip Sarkar, Priyanshu Kr Singh**
   Topic: Chandrayaan – 3
   The students presented on India’s Chandrayaan-3 mission, detailing its objectives, its importance in lunar exploration, and the challenges involved in its development and execution.
4. **Group 4: Arghya Ghosh, Md. Danish, Dipanjan Banarjee**
   ***Topic:* The Future of Space Exploration**
   This group explored the potential future advancements in space exploration, focusing on upcoming missions, technologies, and the possibilities of human settlement on other planets.

Conclusion:

The student seminar was an excellent platform for Semester I students to present their research and develop their academic skills. The event was well-received, with students showcasing a deep understanding of space science and technology. Faculty members and peers engaged in lively discussions following the presentations, further enriching the learning experience.

This seminar exemplified the department’s commitment to fostering a culture of academic excellence, critical thinking, and collaboration among students. It also highlighted the importance of exploring emerging technologies and their impact on society.