

Report on **“Outreach Program on Plasma Physics & Technology”**

An outreach program on Plasma Physics & Technology was **organized by CPP-IPR and hosted by the Department of Physics in collaboration with IQAC, Bhattadev University, Bajali, on February 19, 2025.** The event was held at the Digital Conference Hall, Library Building, and commenced at 10:30 AM.

Inaugural Session

The program began with an inaugural address by Hon’ble Vice Chancellor, Professor Dhanapati Deka, who emphasized the significance of plasma physics and its applications in modern technology. He highlighted the role of research and outreach initiatives in advancing scientific knowledge and fostering institutional collaborations.

Dr. Arup Bharali, Head of the Department of Physics, served as the event anchor, ensuring smooth coordination and engagement throughout the sessions.

Technical Sessions

The event featured insightful talks by Dr. Rakesh Moulick and Dr. Ngangom Aomoa, both Scientific Officers (D) at CPP-IPR. Their presentations covered key aspects of plasma physics, including fundamental principles, ongoing research, and technological applications. During the presentation, Dr. Aomoa also described various facilities available in CPP-IPR for academic and research purposes.

Unfortunately, Dr. B. J. Saikia, a senior Scientific Officer (F) at CPP-IPR, was unable to attend as scheduled.

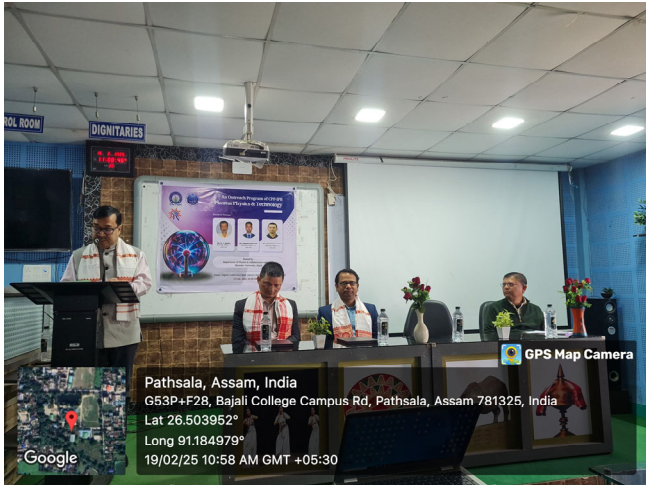
Hands-on Session

Following the technical discussions, a hands-on session was conducted in the Physics Department Laboratory. Participants engaged in practical demonstrations and experiments related to plasma physics, offering them an interactive learning experience.

Conclusion

The program was attended by faculty members from the Department of Physics and other departments of Bhattadev University, along with approximately 10 research scholars, over 100 undergraduate and postgraduate students, and laboratory staff from the Department.

The outreach program proved to be a valuable initiative, sparking academic curiosity and research interest among students and faculties. The collaborative efforts of CPP-IPR and Bhattadev University facilitated the effective dissemination of knowledge on plasma physics and its technological advancements.



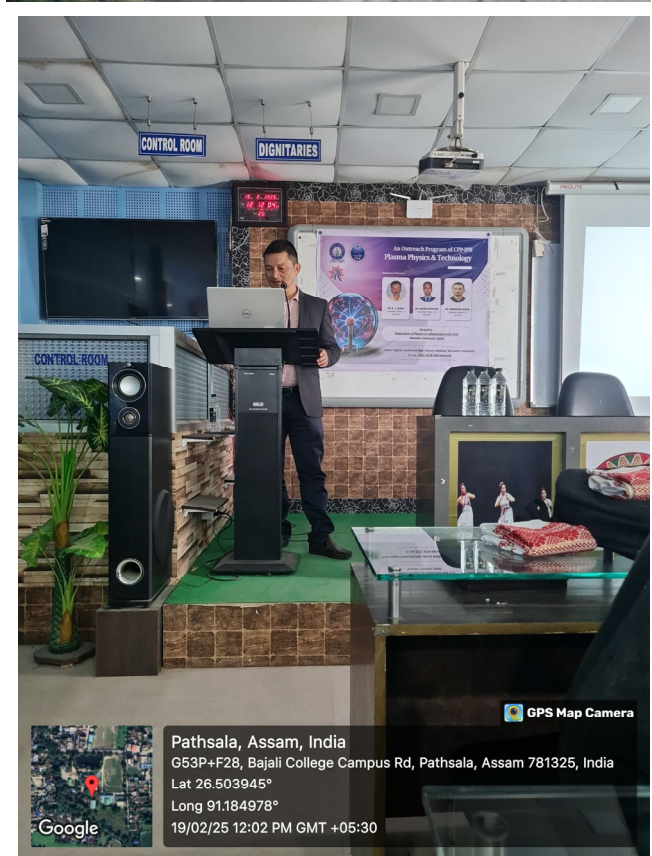
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