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**Faculty of Pharmacy organized a field visit to National Botanical Research Institute, Lucknow, on 30 November, 2023**

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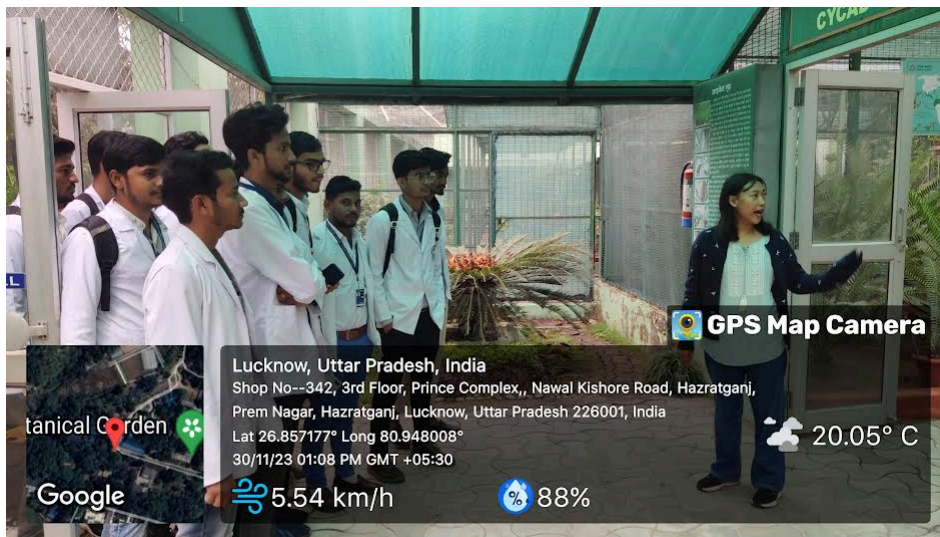
**Faculty of Pharmacy organized a field visit to National Botanical Research Institute, Lucknow, on 30 November, 2023,  
for students of First Year Diploma in Pharmacy**

During a one day field visit organized by the Faculty of Pharmacy at Integral University, D. Pharm first year students had the opportunity to explore National Botanical Research Institute (NBRI) in Lucknow. Accompanied by faculty members Mr. Usama, Mrs. Archita, the students gained valuable insights into various aspects of medicinal plants. A total of 60 students from Diploma first year, participated in the visit.

The visit commenced with an informative session on herbarium techniques, where the students learned about the importance of preserving plant specimens for taxonomic studies and research purposes. They were introduced to the process of specimen collection, pressing, mounting, and labeling. This hands-on experience allowed the students to understand the significance of herbaria in documenting and cataloging plant diversity. The students then explored the vast medicinal plant garden within the NBRI premises. They were introduced to a wide range of medicinal plants and their therapeutic properties. Faculty members provided detailed explanations about the phytochemical constituents and pharmacological activities associated with each plant.

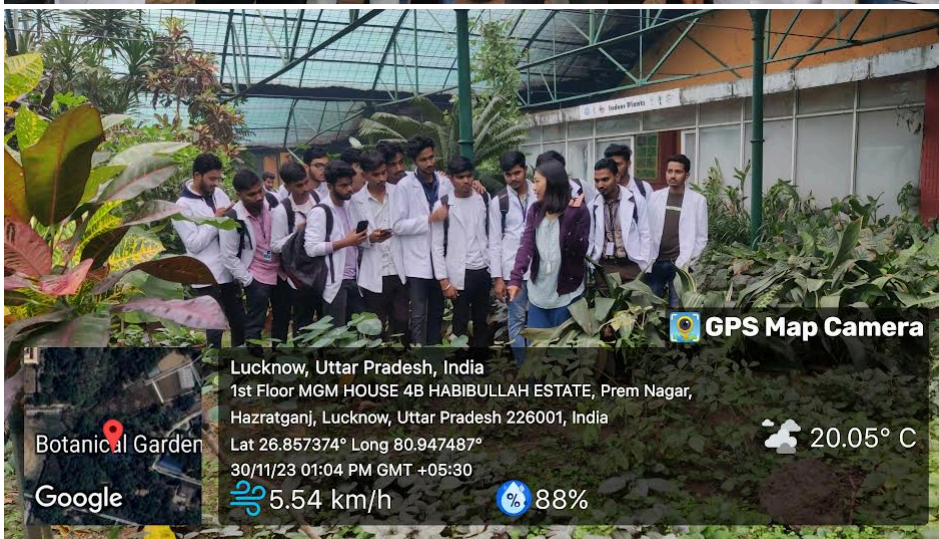
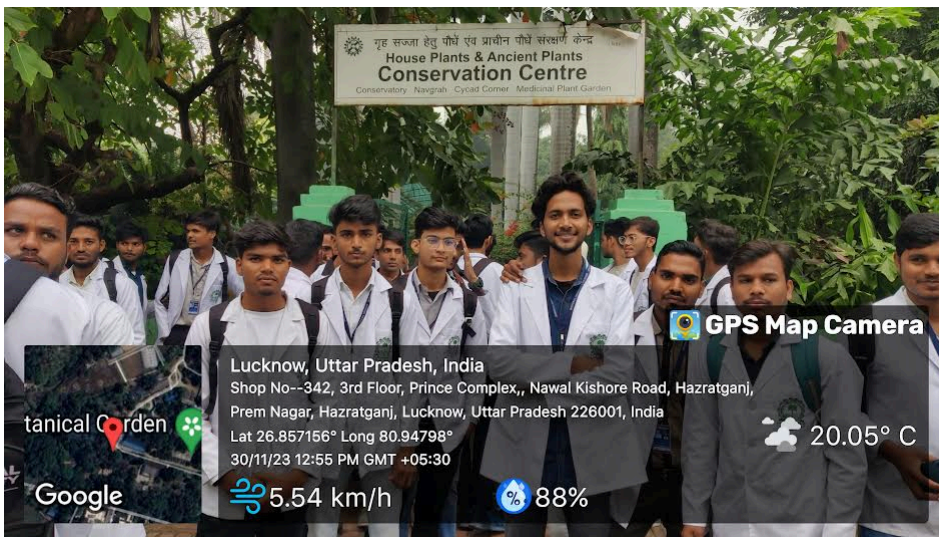
The field visit also focused on the concept of herbal gardens and their significance in promoting traditional medicine. The faculty members explained the importance of herbal gardens in preserving traditional knowledge related to medicinal plants and promoting sustainable practices in healthcare. The students were given insights into plant diversity during their interaction with researchers at NBRI.

Another significant aspect covered during the visit was the exploration of databases related to plant diversity and bioprospection. The students were introduced to online resources and databases that provide comprehensive information about plant species, their distribution, and their potential applications in medicine. This exposure familiarized the students with the tools available for conducting literature reviews and acquiring up-to-date information in the field of pharmacognosy. The field visit also included a session on product development from plant sources.

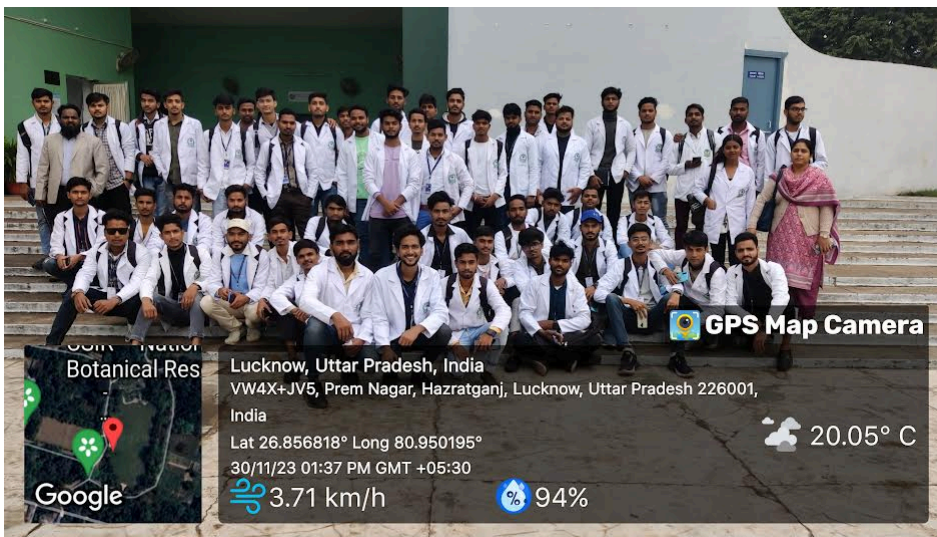


The students gained insights into the process of extracting bioactive compounds from medicinal plants and formulating them into various dosage forms. They learned about quality control and standardization methods for herbal products. This session provided a practical understanding of the challenges and opportunities associated with herbal drug development. The faculty members emphasized the importance of sustainable practices and the need for public awareness regarding plant conservation.





Overall, the field visit to the National Botanical Research Institute provided the D. Pharm students with a comprehensive understanding of various aspects related to pharmacognosy. The valuable insights gained through this visit will undoubtedly contribute to their academic and professional growth. The event was organized successfully under the guidance and support of Prof. Syed Misbahul Hasan, Dean, Faculty of Pharmacy; Prof. Juber Akhtar, Head, Faculty of Pharmacy, and Dr. Farogh Ahsan, Program Coordinator.



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Head,  
Department of Pharmacy

**Prof. (Dr.) Syed. Misbahul Hasan**  
Dean,  
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