



**Brief Report of the Visit to CSIR- National Botanical Research Institute, Lucknow on  
28th February, 2025 for celebrating 'National Science Day'.**

A visit to any premier research institutes plays a crucial role in shaping the academic and professional growth of agriculture students. On Occasion of National Science Day celebrations, the students of B.Sc. (Hons.) Agriculture, I<sup>st</sup> Year, Department of Agriculture, Integral Institute of Agricultural Science and Technology (IIAST), Integral University, visited CSIR-National Botanical Research Institute (NBRI), Lucknow, on 28th February 2025. The objective of this visit was to expose students to the latest advancements in Agriculture, biotechnology, and plant sciences, thereby enhancing their knowledge and practical understanding. By engaging with experts and exploring cutting-edge research, students gained valuable insights into scientific innovations, sustainable agricultural practices and biodiversity conservation.

Under the expert guidance of faculty coordinators, Dr Usman Syeed, Dr Ayush Bhushan, Dr Srishti Thakur, Dr Ruqaiya Bano and Dr Pallavi Srivastava the students explored the importance of plant biodiversity, conservation efforts and the latest research in plant science. They gained insights into modern agricultural practices and the role of plants in addressing environmental challenges. The students visited the Museum of NBRI, gaining insight into the evolution of science through the ages. Students learned about the evolution of science and the diverse plant species at the Botanical Museum, gaining a deeper understanding of the natural world and its significance in scientific advancements.

Students also visited the Botanical Garden of institute, which serves as a DUS Test Centre of PPV&FRA for Bougainvillea, Canna, and Gladiolus, where they learned about plant variety protection and the testing processes for these species. A standout feature of the visit for the students was exploration of cactus and succulent house, conservatory, palm house and cycad house in botanical garden. Students learned about different agro-technologies for non-traditional economically important medicinal and aromatic plants (MAPs) by introduction, domestication, nutrient management, which aims economic utilization of partially reclaimed sodic lands.

The visit was organised under the guidance of Prof. (Dr.) Mohd Haris Siddiqui, Dean, Faculty of Agricultural Science and Technology and Prof. Saba Siddiqui, HOD, Department

of Agriculture (IIAST) Integral University. This visit provided great exposure to students about plant biodiversity, conservation, and the latest advancements in botanical research. The exposure to modern scientific tools, laboratory techniques, and ongoing research projects encouraged students to think critically and apply scientific principles in real-world agricultural challenges. Overall, this educational tour was a highly enriching experience, reinforcing the role of science and technology in transforming agriculture and ensuring food security for future generations.

### Glimpses of the Visit





GPS Map Camera

Lucknow, Uttar Pradesh, India  
15/1, Rana Pratap Marg, Gokhale Vihar, Butler Colony, Lucknow,  
Uttar Pradesh 226001, India  
Lat 26.855074° Long 80.953213°  
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