

Report on Visit to NIPGR by Student Group

Date : 22.12.2023

A group of 25 students escorted by 2 teachers had the unique opportunity to visit the National Institute of Plant Genome Research (NIPGR) following an invitation to explore various laboratories and exhibits on its open day. NIPGR, renowned for its cutting-edge research in plant genomics, welcomed our group with enthusiasm.

Upon arrival, the students were warmly welcomed by NIPGR staff and researchers. The students were introduced to the itinerary, which included guided tours inside the building, posters and exhibits visit.

During the guided tour students got to know about gene sequencing, gene editing, Tissue culture etc. They got the chance to visit bio tech lab where they got demo on DNA extraction, amplification, protein isolation and many more. Researchers explained how these techniques contribute to the enhancement of crop traits. The poster and exhibits sections highlighted the latest research and development in the field of agriculture and mitigation to climate change. Students also got the chance to see sophisticated machines like Confocal Laser scanning microscope and Infra red gas analyser.

The visit to NIPGR proved to be a valuable and enriching experience for the student group. It not only broadened their understanding of plant genomics but also inspired them to consider the vast possibilities and contributions of genomics in shaping the future of agriculture and environmental conservation. The institute's commitment to fostering scientific curiosity and knowledge exchange was evident, making the visit a memorable and educational event for all participants. Our sincere gratitude goes to NIPGR for extending the invitation and providing such an Opportunity.



