



# **Integral Institute of Agricultural Science & Technology (IIAST) Integral University, Lucknow**

## **Report**

**on**

### **Exploration Expedition: Students of Integral Institute of Agricultural Science and Technology, Integral University, Lucknow Uncover Agricultural Marvels in Chandigarh and Manali from 9th-14th Jan 2024**

Educational visits are crucial for Agriculture students as these visits provide practical exposure to diverse agricultural practices, allowing students to witness firsthand the complexities of soil management, crop cultivation, and innovative technologies. Experiencing different regional and environmental variations fosters an appreciation for adaptability in Agricultural practices. Additionally, educational visits offer networking opportunities with professionals, researchers, and experts, laying the foundation for future collaborations and career opportunities. These visits inspire motivation, instil a sense of purpose, and contribute significantly to the holistic development of agriculture students. In accordance with this, the Department of Agriculture, Integral Institute of Agricultural Science and Technology, Integral University, Lucknow, organized a 6 Days tour for the students of B.Sc. (Hons.) Agriculture 3<sup>rd</sup> Year to Chandigarh and Manali from 9th-14th Jan 2024. The visit was observed under the guidance of Prof. Mohd Haris Siddiqui, Director, Integral Institute of Agricultural Science and Technology and Prof. Saba Siddiqui, Head, Department of Agriculture, IIAST. The faculty coordinators Dr. Usman Sayeed, Mr. Nadeem Khan, Dr. Akanksha Singh, Dr. Ruquaiya Bano and Dr. Nitish Kumar along with supporting staff Mr. Sandeep and Mr. Said accompanied the students on the visit.

The students visited ICAR-Indian Institute of Soil and Water Conservation Research Centre, Chandigarh. The visit commenced with an informative session introducing students to the mission, vision, and ongoing research activities of ICAR-Indian Institute of Soil and Water Conservation Research Centre, Chandigarh. The primary objective of this visit was to provide students with a practical understanding of soil and water conservation techniques and research methodologies. It aimed to bridge the gap between theoretical knowledge acquired in the classroom and real-world applications in the field of soil and water conservation. Students were given a guided tour of the laboratories by Dr. Brij Lal Lakaria, Principal Scientist and Head, ICAR- IISWC Research Centre where they witnessed various experiments and research projects related to soil and water conservation. Live demonstrations were conducted, showcasing advanced technologies and methodologies employed in soil and water management. A field visit to the experimental plots allowed students to observe practical implementations of soil and water conservation techniques. Dr. Lakaria explained the significance of different conservation practices and their impact on agricultural productivity. Students had the opportunity to ask questions and gain insights into the latest advancements in the field.

In Manali, the students visited the Atal Tunnel located at Rohtang Pass. The visit of students to the Atal Tunnel, Rohtang Pass, holds immense educational value, providing a unique opportunity for exposure to engineering marvels and environmental considerations. This iconic tunnel, situated at an altitude of over 10,000 feet in the Pir Panjal range of the



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Himalayas, not only serves as a crucial transportation link but also stands as a testament to innovative engineering and infrastructure development. The visit allowed students to witness the intricate construction techniques and the strategic significance of the tunnel in connecting the Lahaul and Spiti valleys to the rest of the country. Additionally, students gained insights into the environmental impact assessment and conservation measures implemented to preserve the fragile ecosystem of the Rohtang Pass. The trip offered a unique blend of technological, environmental, and geographical learning, fostering a deeper understanding of the complexities involved in executing large-scale infrastructure projects in challenging terrains. Students also traversed local farms in the Manali region, gaining hands-on experience in agricultural activities amid hilly terrains. Students also had an opportunity to explore Solang Valley, Mall Road, Hadimba Devi Temple, Manali Wildlife Sanctuary etc.

The students exhibited active participation throughout the journey, demonstrating a genuine enthusiasm for learning. Exposure to diverse agricultural practices in both Chandigarh and Manali proved to be enriching, while interactive sessions with experts broadened their perspectives. The visit fostered bonds among students while enriching their Academic acumen.

## Glimpses of the Visit





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