Educational visit to the Directorate Department of Horticulture Navbahar

26th December 2025

An educational visit was organized by the Department of Science(DrNidhi Dhatwalia and Dr R.P. Sangta) to the Directorate of horticulture Navbahar, Chhota Shimla, HP.The trip was organized to enhance the student's practical knowledge and understanding of the horticultural practices .



The objectives of educational visit were to understand the importance of horticulture and agriculture in the economy and learn about plant cultivation, bee keeping and modern farming practices and to interact with the professionals in the field of horticulture .

Activities and Observations

During the visitthe studentswere guided by thehorticulture officers and staff members who explained various sections of the department.

4.**Hive and Comb structure**– There were two types of hives in which the



bees were kept – old traditional mud hives and modern hives. Bees are mostly kept in modern hive as they ensure easy extraction of bee products without damaging the bees. The hives had comb frames in them and the artificial comb made from bees wax . The officers illustrated this visually and students also were given the equipments used for bee keeping. The ideal hive temperature should be 32°-36°C. If the temperature increases the bees fan their wings, if the temperature decreases the bees cluster together to generate heat .

5. **Foraging Behavior**– they have working range up to 3km. If food is nearby they select one type of flora at a time with highest nectar and pollen content. They communicate through various dances.

there. He explained each and every plant and their properties in great detail. Some of the plants present there-

- Aloe Vera
- Asparagus
- Poppy
- Prem Rose
- Monstera Plant
- Z plant
- Rosemary
- Rajnigandha
- Nasturtiumplant
- Rubber plant
- Various cacti

He also told farmers can buy plants from there at reasonable prices and the government also provides up to 80% subsidy for farmers in need.



People can bring their own vegetables and fruits and the staff ther will process them to make their desired products .



The visit to the Directorate of horticulture was highly educational and informative. It helped students to gain practical knowledge and better understanding of horticultural science. The experience highlighted the importance of horticulture in economic and environmental development.

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