

Educational Trip (02 .08.2024)

The students of Kendriya Vidyalaya Alhilal visited the CSIR-IHBT Palampur on dated 02.08.2024 (Friday) under the Jigyasa programme .Under this programme total 51(Fifty one) students of class XI and XII visited CSIR-IHBT Palampur. The students were made aware about the scientific facts, latest scientific instruments in addition to inculcate interest in Science.

Under this programme students get interacted with the institute's scientists. The scientists of this institution give information about the production, development and commercialization of different products.

The students were made aware about the **tissue culture**, its theory, development in laboratory, and its applications. The institute provided complete information about the extraction of **essential oils**, **Herbarium** where plants are conserved for future use and for identification of plants. Later they have demonstrated a sustainable and efficient method for **heng production**, reducing resilience on wild harvesting and ensuring consistent quality. This breakthrough has potential applications in the spice, pharmaceutical and food industries.

Lastly the students were made aware about the work on variety of products namely various kind of soil, cosmetics medicinal plants, bamboo varieties ,craft work, cow dung paper, different fabric ,organic fertilizers and many valuable products.