

GOVERNMENT DEGREE COLLEGE THEOG

Department of Commerce

EDUCATIONAL-CUM-INDUSTRIAL VISIT

Adani Agri Fresh Ltd. (AAFL), Sainj and HPMC Parala Unit

09 October 2026

PARTICIPANTS	VISIT FOCUS
Around 60 students of B.Com First, Second and Third Year	CA apple storage, Fruit Processing and agri-business operations

The **Department of Commerce, Government Degree College Theog**, organized an Educational-cum-Industrial Visit on **09 October 2026** to **Adani Agri Fresh Ltd. (AAFL)**, Sainj, followed by a visit to the **HPMC Parala Unit**. Around **60 students of B.Com First, Second and Third Year** participated in the educational tour. The main objective was to provide first-hand exposure to modern storage, fruit processing and agri-business operations and to help students connect concepts studied in Commerce with practical business activities.

At **Adani Agri Fresh Ltd.**, a major highlight was the visit to the **Controlled Atmosphere (CA)** storage chambers where apples are stored under carefully managed conditions. Students were shown the chambers and introduced to the technical equipment used to maintain a suitable storage environment. They learned that CA storage involves controlling **temperature** and **humidity**, along with carefully regulating **oxygen** and **carbon dioxide** levels. These conditions slow the natural ripening process and help preserve the freshness, firmness and quality of apples for longer periods.

The students were also guided about the role of **refrigeration** systems, **air-handling** equipment and **monitoring** and control systems in maintaining the required conditions inside the storage chambers. The visit helped them understand that preserving apples for an extended period requires scientific management and continuous **monitoring**, rather than **refrigeration** alone. The explanation of the equipment and storage process gave students a practical understanding of how technology is used to protect the quality of perishable agricultural produce.

The visit further highlighted the importance of modern storage infrastructure in reducing **post-harvest losses** and making apples available beyond the harvesting season. Students could appreciate how effective storage, careful handling and **quality maintenance** form important links in the **supply chain** between growers and markets. They also gained insight into the business functions connected with such facilities, including **procurement, warehousing, inventory management, logistics**, cost control and the timely **distribution** of products.

The visit was particularly relevant to Commerce students because it linked theoretical learning with actual industry practices. It demonstrated how technology, infrastructure and coordinated operations support business efficiency in the agricultural sector. The students were encouraged to view the facility not only as a technical storage unit but also as an important part of a wider commercial system involving farmers, storage operators, distributors and consumers.

Towards the end of the educational tour, the students also visited the **HPMC Parala Unit**, located nearby. This additional visit was included as a special initiative, particularly to familiarise **first-semester students** with HPMC and its functioning. Students were introduced to fruit-processing activities and value-added products such as **apple concentrate, vinegar** and **wine**. They learned how fruit can be processed into different products for commercial use, helping them understand the concepts of **value addition**, processing, packaging and product diversification.

The HPMC visit was especially useful for **first-semester students**, who may have limited prior exposure to agro-based industries and their operations. It gave them an early opportunity to observe how agricultural raw materials can be converted into marketable products and how processing industries contribute to the use of local produce and the wider regional economy. As the **HPMC Parala Unit** is close to Adani Agri Fresh, including both destinations made the tour more productive and offered students complementary learning about storage at **AAFL** and processing at HPMC.

The visit was accompanied by **Prof. Pardeep Thakur**, Head of the **Department of Commerce**, and **Prof. Ritika Panjta**, Assistant Professor. Their guidance helped maintain the academic focus of the tour and encouraged students to observe the facilities carefully and relate their experience to concepts in business, marketing and **supply chain** management.

Overall, the educational-cum-industrial tour was an informative and academically enriching activity. The visit to Adani Agri Fresh provided detailed exposure to CA storage technology and **supply chain** operations, while the concluding visit to HPMC Parala introduced students to fruit processing and value-added products. Together, the visits strengthened experiential learning and helped students understand the practical application of Commerce in the agricultural and food-processing sectors.

KEY LEARNING OUTCOMES

- Understanding the role of **temperature**, **humidity** and atmospheric control in preserving apples in CA chambers.
- Awareness of technology-supported **warehousing**, **quality maintenance**, **inventory management** and **supply chain** operations.
- Introductory exposure to fruit processing and value-added products, including **apple concentrate**, **vinegar** and **wine**, at HPMC Parala.





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