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100+ YEARS
1921 - 2021



Report on Kanpur Edible Oil Limited, Industrial Visit on 19th September 2025

The students and faculty members of the **Department of Oil Technology, HBTU Kanpur**, visited the **Kanpur Kanpur Edible Oil Limited, Rania**. The program aimed to celebrate the legacy of Refining of Edible oil while providing students with industrial exposure and insights into the current scenario of the **Kanpur Edible oil industry** and its deep association with **HBTU Kanpur** over the years.

On 19/09/2025, 150 students and faculty members from the Department of Oil Technology, HBTU Kanpur, visited Kanpur Edible Oil Limited, Rania, to gain practical insights into the edible oil processing industry. The visit, led by Dr. Neeraj P. Awasthi (Head of the Department), Gaurav Singh, and Sanjay Singh, focused on the various stages of edible oil extraction, refining, and the company's significant association with HBTU over the years. The tour covered a detailed overview of the oil extraction process for groundnut, mustard, soybean, and rice bran. The groundnut oil processing included cleaning, decortication, pressing, and filtration. In mustard oil production, the Ghani process was demonstrated, utilizing rotating motor systems for oil extraction. Soybean pretreatment involved a two-step cleaning system, followed by cracking, cooking, and flaking before solvent extraction. Solvent extraction, using hexane, was highlighted for soybean and rice bran oil, with oil-solvent miscella undergoing evaporation and condensation for recovery. Additionally, the production of De-oiled Cake (DOC) was covered, with focus on desolventization and its use as animal feed. Students learned about the crucial stages of refining, filtration, and ETP (Effluent Treatment Plant), providing valuable exposure to industrial practices and innovations in edible oil technology.

The visit was an enriching experience, bridging the gap between theoretical knowledge and industrial applications.

