

Dawlance Private Limited 2025

The ASME NEDUET Student Section and the Department of Mechanical Engineering organized an industrial visit for students to Dawlance industry on January 11, 2025.

Dawlance, a leading home appliance manufacturer in Pakistan, was established in 1980 by Bashir Dawood, a member of Dawood family and later became a subsidiary of Arçelik in 2016, after which Dawlance became a wholly-owned subsidiary of the 2nd largest White goods company in Europe. Dawlance now serves its consumers in 3 functions involving Food Care, Fabric Care and Home Care with its wide range of appliances including refrigerators, freezers, microwave ovens, water dispensers, small kitchen appliances, hoods & hobs, washing machines, dishwashers and air conditioners.

During the visit, students were first introduced to the company's background and operational scale. This was followed by a guided tour of the production facility, where they observed the step-by-step manufacturing processes of refrigerators and LED televisions.

For refrigerators, the process included sheet metal fabrication for the outer body, plastic injection molding for internal compartments, assembly of cooling components, refrigerant charging, insulation filling, and final assembly. The units then underwent rigorous quality control checks, including cooling performance and energy efficiency tests before packaging.

The visit concluded with a question-and-answer session where students engaged with engineers and managers to discuss production techniques, industry trends, and career opportunities in the home appliance sector. Dawlance ensures high product standards through rigorous testing and automation, contributing to energy-efficient and innovative home appliances. The visit provided students with valuable insights into modern manufacturing practices, industrial automation, and quality assurance techniques, enhancing their understanding of real-world engineering applications.



Figure 1. Group Photograph from the Industrial Visit