



SurTech

# Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex

(Formerly Known as Dr. Sudhir Chandra Sur Degree Engineering College)

540, DumDum Road, Surer Math (Near Dum Dum Jn. Station), Kolkata-700074

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**Title:** Industrial Visit organized by ME Department, Sur-Tech to the Mother Dairy, Calcutta

**Date:** 12/09/2025

**Time:** 9.00 AM

**Venue/Location:** Mother Dairy Calcutta Plant at Dankuni, Hooghly, West Bengal

**No of Student Participants:** 12

**Brief overview of the event:** The Department of Mechanical Engineering of Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex organized an industrial visit on 12th September 2025 at Mother Dairy Calcutta Plant at Dankuni, Hooghly, West Bengal. The visit was designed to provide students with practical exposure to industrial machinery, mechanical systems, and process operations in a large-scale dairy processing facility.

A group of 12 ME students, guided by Mr. Tanmoy Das (Technical Assistant, ME), observed various mechanical processes including automated milk processing lines, packaging systems, and refrigeration units. The students gained valuable insights into the plant's use of mechanical design principles, maintenance practices, and energy-efficient operations that support continuous and reliable production.

The industry visit was a highly informative experience, offering practical knowledge about various manufacturing processes. The exposure to advanced machinery and technologies provided a deeper understanding of industrial operations, enhancing students' technical knowledge and awareness.

**Objective:** To provide students with practical knowledge on food processing firm, their processes and packaging involving various machineries, mechanism and relate them with the theoretical knowledge

**Outcome:** The industry visit was a highly informative experience, offering practical knowledge about various manufacturing processes. The exposure to advanced machinery and technologies provided a deeper understanding of industrial operations, enhancing students' technical knowledge and awareness.



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Few glimpses of the industrial visit-





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