



Sandip Institute of Technology and Research Centre

An Autonomous Institute

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Department of Automation & Robotics Engineering

Report of Industrial Visit to “NIDO Automation, Nashik”

- 1. Event Title:** Industrial Visit to “NIDO Automation, Nashik”
- 2. Event Date:** 10th April 2024 at 11:00am
- 3. Event Conduction Duration:** 4 Hours
- 4. Event Venue:** NIDO Automation, Igatpuri, Nashik, Maharashtra
- 5. Event Resource Person Details:** Bhagyashri N Ahirrao, Senior Executive- HR, NIDO, Nashik.
- 6. Name of Event Coordinator:** Dr. Ravi Shankar Rai & Prof. Pratap Gaudkar
- 7. Event Objectives & Outcomes**

Objectives of Activity:

1. To transfer a practical understanding of Intralogistics Mechanization & Automation Solutions
2. To put together a case study to ascertain how the system has operated.

Outcomes of Activity:

1. The students were able to understand the realm of Intralogistics Mechanization and Automation Solutions.
2. Gathering every technical standard needed by the sector.
3. Knowledge of the typical operation and startup procedures in the industry.

8. Event Details & Photos

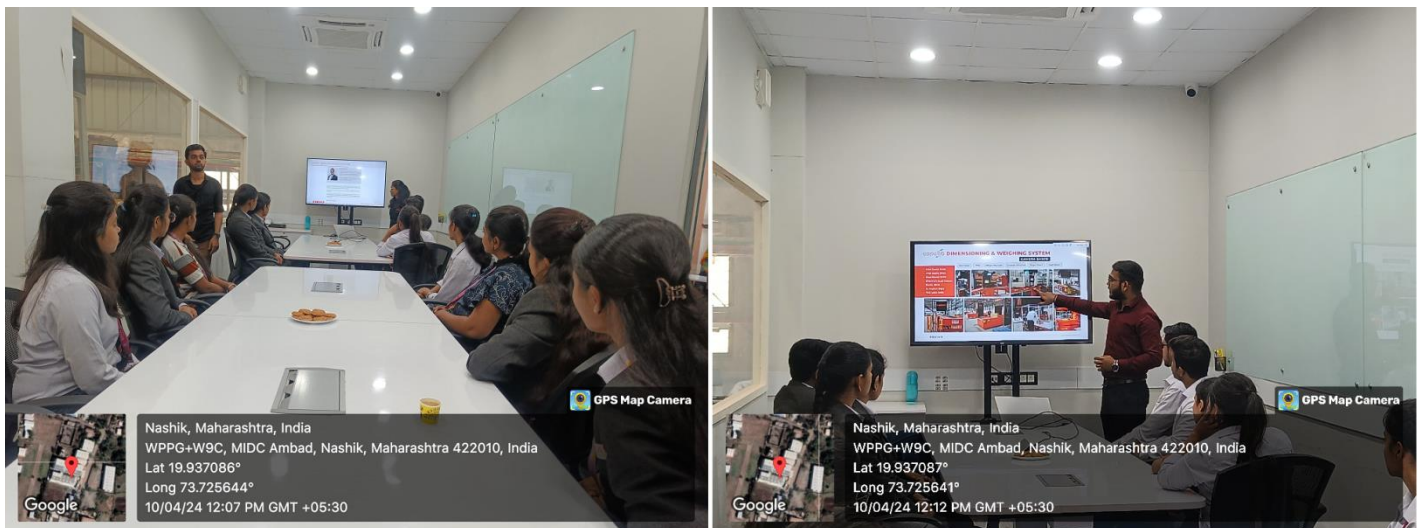
A one-day (10/04/2024) industrial visit was conducted by the Department of Automation & Robotics Engineering, SITRC, to NIDO Automation in Nashik. Students studying Automation & Robotics Engineering in their second and third years (SE and TE) have the chance to visit NIDO Automation in Nashik. For the industry visit, Thirty Five students and two staff members were present. Miss Bhagyashri N Ahirrao, Senior Executive-HR of NIDO, Nashik has permitted us to visit the facility for the fulfillment of the academic values and hands-on experiences required for the subject curriculum of ‘Metrology & Quality Control in Automation’, ‘Sensors & Vision Systems in Robots’ and Kinematics of Machinery.

The S.E. and T.E. Automation & Robotics Engineering curricula at the University of Pune state that an industrial visit of Automation systems and mechanization facility are

prerequisites for the degree. The HR Team and Technical team of NIDO automation have guided our students during the industry visit. The visit started with the company profile presentation, their technology description and applications span. Further, they guided us into great detail about the Intralogistics Mechanization and Automation Solutions. They provided us hands on experience on fabrication and coding of Intralogistics Automation Systems such as material handling and sorting systems used at Airports and Ecommerce companies. In general, NIDO automation is based on the applications to cater for Micro-Fulfillment Solutions, E-Commerce Operations, Order Consolidation / Order Fulfillment, Store Replenishment, Pharmaceutical/Retail Fulfillment, 3rd Party Logistics and Fulfillment, Postal and Parcel Sortation, Package Putaway & Picking, Inbound Package Sortation and Returns Sortation.

The operating principle of Intra-logistics automation and mechanization through the materials handling and sorting machine of the unit was taught to SE and TE students. During the tour, they also offer in-depth details regarding the technical characteristics of the many procedures and automation systems utilized in the industry's overall operation.

The opportunity for students to witness the process directly would surely be beneficial, and this industrial visit was a great success.



Photograph 1: Presentation by the HR & Tech team, NIDO Automation, Nashik




Photograph 2: ON-site discussion on Intralogistics Mechanization and Automation Solutions with Project Engineers of NIDO Automation, Nashik



Photograph 3: Group photograph with team leaders of NIDO Automation, Nashik


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