



DON BOSCO INSTITUTE OF TECHNOLOGY

Premier Automobiles Road, Kurla West, Mumbai - 400070



MECHANICAL ENGINEERING DEPARTMENT

Report on – BELIMO INDUSTRY VISIT

Title: BELIMO INDUSTRIAL VISIT

Date: 13/10/2023

Time: 2-5

Venue: BELIMO INDUSTRY

Target Audience: MECH

No. of Participants Present: 40

Resource Person:

Organization of Recourse Person:

Organizing Department / Committee / Authority: ISHRAE DBIT STUDENT CHAPTER

Faculty Coordinator: CLETA PEREIRA

Objectives:

- ❖ The primary objective of the industrial visit was to provide the participants with a practical insight into the operations and functioning of Belimo Automations.
- ❖ The visit aimed to enhance the students understanding of the application of automation technology in HVAC systems.

Outcomes:

- ❖ Advanced Manufacturing and Precision:
 - The visit to Belimo highlighted the critical role of advanced manufacturing processes in the production of HVAC control solutions. Witnessing these sophisticated techniques emphasized the importance of precision and quality in the industry.
- ❖ Innovation and Competitive Edge:
 - Belimo's commitment to innovation and its robust research and development process were evident. This visit underlined how innovation plays a central role in the company's growth and in maintaining its competitive edge.



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❖ Customer-Centric Approach and Client Satisfaction:

- Belimo's customer support strategies, including training, technical assistance, and post-sales services, showcased the company's dedication to ensuring client satisfaction. This customer-centric approach was a clear differentiator for the company.

Detailed Report:

Belimo Automations is a global leader in developing, manufacturing, and marketing innovative HVAC (Heating, Ventilation, and Air Conditioning) control solutions. The company is headquartered in Hinwil, Switzerland. Established in 1975, the company has grown to become a prominent player in the industry, with a presence in over 80 countries. Belimo specializes in producing actuators, control valves, and sensors that are vital components in building automation systems. The company has manufacturing facilities in various locations around the world.

Actuators: Belimo is known for its high-quality actuators that play a critical role in controlling HVAC systems. These actuators are used to regulate valves, dampers, and other HVAC components.

Control Valves: Belimo manufactures control valves that are used for precise control of air and water flow in HVAC systems.

Sensors: The company also produces sensors that provide valuable data for optimizing HVAC system performance.

Upon arrival, we were greeted with a delightful spread of refreshments, setting a hospitable tone for our visit. The company staff extended a warm welcome, exuding a genuine sense of hospitality and eagerness to host us. Their gracious reception created an inviting atmosphere, immediately putting us at ease.

The visit commenced with a warm welcome from the Belimo team, where Belimo Trainer provided an overview of the company's history, mission, and its global footprint. The host commenced by providing an illuminating introduction, shedding light on the remarkable simplicity with which an HVAC system can be managed. They articulated how, with the right technology and expertise, even complex HVAC systems can be effortlessly operated, underscoring the efficiency and user-friendliness that modern automation brings to this vital facet of building infrastructure.

The participants were guided through the manufacturing unit, which showcased the state-of-the-art production processes of actuators, control valves, and sensors. The tour provided a detailed view of the assembly lines, quality control measures, and safety protocols implemented by Belimo.

A dedicated session was allocated for participants to interact with Belimo representatives, enabling them to ask questions and gain further insights into the company's operations and the HVAC industry.

The participants were provided with an overview of Belimo's customer support strategies, including training, technical assistance, and post-sales services. This session emphasized the



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company's commitment to ensuring client satisfaction. We concluded the Industrial Visit by taking Group Photos.

Advanced Manufacturing Processes: Witnessing the sophisticated manufacturing techniques reinforced the importance of precision and quality in producing HVAC control solutions.

Innovation and Technology: Understanding the R&D process highlighted the role of innovation in driving the company's growth and maintaining its competitive edge.

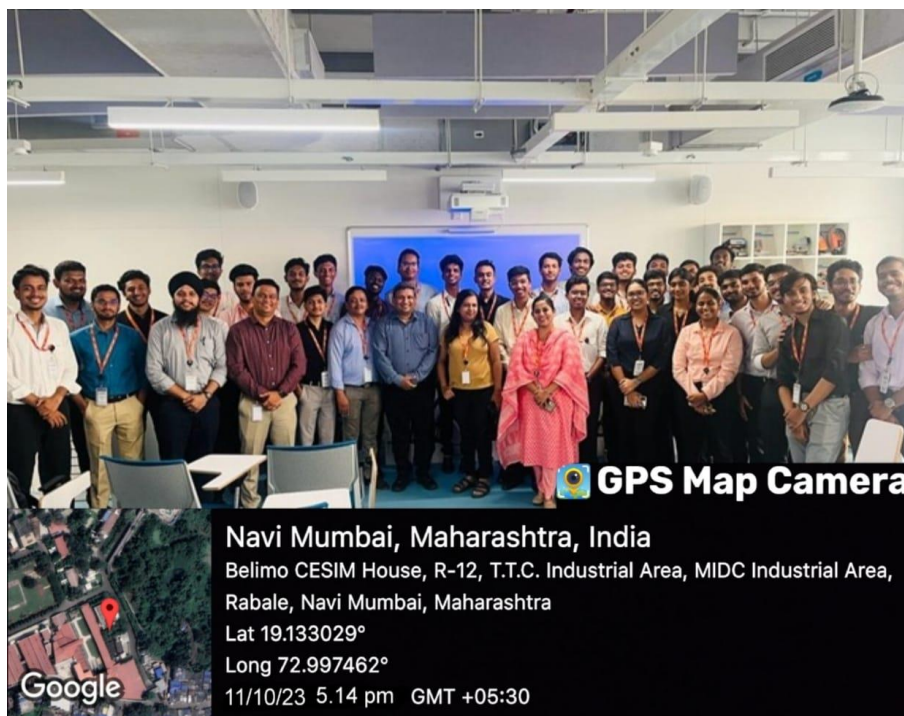
Customer-Centric Approach: Learning about Belimo's customer support and after-sales services underscored the company's dedication to ensuring client satisfaction.

During our industrial visit to Belimo Automations, the Belimo Trainer conducted an interactive quiz that enhanced our learning experience. It covered various HVAC control solutions topics and recognized the exceptional performance of Parmindar, an ISHRAE member. This quiz added an engaging and educational aspect to the visit, promoting active participation and reinforcing key concepts.

The industrial visit to Belimo Automations provided an invaluable learning experience for the participants. It offered a firsthand view of the advanced technologies and processes involved in manufacturing HVAC control solutions. The visit also emphasized the significance of innovation, quality, and customer-centric strategies in the success of a global leader like Belimo Automations.

This visit has undoubtedly enriched the participants' knowledge and will serve as a foundation for their future endeavors in the field of automation and HVAC systems.

Snapshot of the Event:





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ISHRAE
Thane Chapter



Feedback Analysis:

The visit to Belimo was an incredible learning experience. Students gained insights into the intricate manufacturing processes of HVAC control solutions, underscoring the importance of precision in every component and learnt that innovation is at the heart of Belimo's success. Witnessing their commitment to research and development highlighted how staying ahead in technology is key to staying competitive in the industry."



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Event Poster:

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Registration Details

Sr. No.	Name	Year
1	Yash khamkar	BE
2	Parminder Singh Mudder	BE
3	Shreyas Pramod Baraskar	BE
4	Prajesh Dilip Jadhav	BE
5	Harsh Hemant Panchal	BE
6	Mohd Anas	BE
7	Omkar Vinod Ghole	BE
8	Atharva Shetty	BE
9	Sahil S. Jadhav	BE
10	Shardul Santosh Mahadik	TE
11	Muqri Rehan Attar	TE
12	Antony	TE
13	Kodam Vilas Vithoba	TE
14	Sujit Laxman Sahu	TE
15	Ved Yemitkar	TE
16	Kshirsagar ankit Virendra	TE
17	Sankalp Satish Talekar	TE
18	Ansari Mohd Ameen Abdul Aziz	TE
19	Ansari Hamdaan Masood Ahmed	TE
20	Karbhari Mohammed Ali	TE
21	Truptesh Ramchandra Patil	TE
22	Gitesh Vikas Nikumbh	TE
23	Vedika Mathews	SE
24	Prajapati Rahi Gopal	SE
25	SOHAM SANJAY SATVILKAR	SE
26	Avadhut Gajendra Kulkarni	SE
27	Umera Shaikh	BE
28	Austin John Colaso	BE
29	Pranav Nitin Bhatkar	BE
30	Jae Hindalekar	TE
31	Sujay Khapane	TE
32	Amogh Solanki	SE
33	Dhruv Shetty	SE
34	Aryan salvi	TE
35	Vishal Vinayak Basutkar	TE
36	Saeem Shabbir Kable	TE
37	Santosh uddhav puri	SE



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Ved Yemitkar

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Report Approved By:

Name of the Faculty: Cleta Pereira

Post of the Faculty: