



Maharaja Agrasen Institute of Technology, Delhi
PSP Area, Plot No. 1, Sector-22, Rohini, Delhi-110086
Department of Mechanical Engineering

EVENT REPORT

Name of the Activity:	Industrial visit to RELAXO FOOTWEARS LIMITED, Bahadurgarh
Date: 21st September 2024	No. of Participants: 30 + 4 Faculty members

The Department of Mechanical Engineering (ME) in collaboration with the Robotics Society of Maharaja Agrasen Institute of Technology (MAIT) organized an industrial visit to Relaxo Footwears Limited, Bahadurgarh, on 21st September 2024. The visit aimed to provide students with practical exposure to manufacturing processes and industrial operations, bridging the gap between theoretical knowledge and real-world applications. A batch of 30 students, accompanied by four faculty members, participated in the visit. Upon arrival at 11:00 AM, the students were taken to the presentation hall, where they were introduced to the company's profile. Relaxo Footwears Limited is one of India's leading footwear manufacturers, owning well-known brands such as Flite, Sparx, Bahamas, and Schoolmates. The company specializes in PU (Polyurethane) footwear, with a production capacity of 2 lakh pairs per day. PU is a combination of Polyol and Isocyanate in liquid form, which undergoes a precise manufacturing process to create durable footwear products.

During the guided tour, students observed various stages of the production chain, including raw material processing, molding, assembly, and final packaging. They gained insights into the advanced machinery used in injection molding, conveyor systems, and material handling, as well as the significance of automation in optimizing production efficiency. The visit also highlighted the role of manpower, with approximately 40% of operations, such as stitching, relying on skilled workers, while processes like cutting, printing, embossing, and strap manufacturing are performed using automated or manually operated machines.

The visit provided invaluable insights into industrial practices, emphasizing the implementation of lean manufacturing, quality control, and process optimization techniques. The students learned about the rigorous quality control measures employed by Relaxo to ensure that each product meets high standards before reaching the market.

This educational initiative was coordinated by Dr. Deshdeep Gambhir and Dr. Vipin Kumar Sharma. Special thanks to Ms. Surabhi Lata and Mr. Vikas Sharma for their support in addressing student queries and enhancing the learning experience. We also extend our gratitude to Ms. Surbhi Upadhyay for facilitating the arrangements for this visit in coordination with the company.

Overall, the industrial visit proved to be an enriching experience for students, offering a comprehensive understanding of manufacturing operations and reinforcing key engineering concepts in a real-world setting. This exposure will undoubtedly contribute to their academic and professional growth, equipping them with valuable industry knowledge and practical insights.



List of Faculty

S.No.	Name of Faculty	Designation
1	Dr. Deshdeep Gambhir	Assistant Professor
2	Dr. Vipin Kumar Sharma	Assistant Professor
3	Ms. Surabhi Lata	Assistant Professor
4	Mr. Vikas Sharma	Assistant Professor

List of Students

S.No.	Name
1	Gaurav Singla
2	Md Taufique Umar
3	Keshav Nandan
4	Pulkit Kumar

5	Sharmishta Menon
6	Lalit Sharma
7	Utsav
8	Raunak Sharma
9	Akshat Bhatt
10	Sahil Verma
11	Kanishk Vashishth
12	Karan Sharma
13	Piyush
14	Anubhav Tagore
15	Pyara Singh
16	Nadeem Hussain
17	Vasu
18	Krishna Sharma
19	Daksh Kaura
20	Yash Sachan
21	Tushar Pal
22	Veer Pratap Singh
23	Tanmay Mathur
24	Sanyam
25	Ashish
26	Sundaram
27	Aryan Gupta
28	Tushar
29	Nitish Kumar Rai
30	Ansh Gupta