



Visit Report

Date: 27/03/2026

Name of Organization visited: Bekaert wire industry, Lonand, Pune

Date of Visit: 19th Sep 2025

Time of visit: 9.15 am – 3.00 pm

Place of Visit: Bekaert Wire Industry, Lonand, Pune

Mode of Transport: Self

VIT Members visited: Anantraj Phulari, Piyush Ambade, Tarunsing Pawar, Aditya Patki
Guide – Prof. Ketki Shirbavikar

Industry Person interacted: Dr. Ganesh Shinde

We discussed problem statement with Ganesh Shinde sir, then he showed us the workspace, we asked doubts regarding the workspace and problem statement so sir cleared our doubts. We proposed some ideas to solve the problem, then we pick up the best approach to solve the problem and prototyped it and showed it to sir.

Agenda:

1. Understand problem statement by experiencing Industry machine and workers works.
2. Discuss our doubts regarding the workspace.
3. Get idea about the wire drawing process and the danger in the workspace for the worker to proceed forward with our work for making safety door.
4. Ask them questions regarding their wire drawing, shaping, cutting, packing processes.
5. To discuss all constrains regarding all the requirements to solve the problem statement



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Minutes of Meeting:

Discussion and key points :

- **Agenda Point 1:** We experienced the processes by overviewing the workspace , we observed machine working and the workers work as well
- **concerns :** make a safety door mechanism reliable for worker to work in the workspace safely,
outcomes: we got idea of the workspace as discussed with the industry experts and observing the machine and workers work made decisions accordingly regarding work
- **Agenda Point 2:** we asked our doubts to the industry expert and got answers , which will be very helpful for our forward steps
- **Agenda Point 3:** Here we concluded our understanding about the safety door necessity and its importance and we gathered some notes, dimentions, diagrams
- **Agenda Point 4:** Through this we gathered information regarding the industry processes and we got to know the industry better

Photographs (if any)



Action and responsibility:

- To study the ideas and approaches and calculate the outcome
- Create a prototype and demonstrate it's working
- Give update to the industry person about the ideas and discuss them

Outcome:

- Solved the problem statement by Counterweight mechanism safety door
- Made a prototype and demonstrated it's working
- Proposed the necessary bill of material
- Discussed the approach and working with vendor as well in an online meet



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Deadline for closing the actionable points;

Name and Signature
Designation
Department