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A REPORT ON ONE DAY INDUSTRIAL VISIT

Place Of Visit: IMTEX- 2023 at BIEC, Bangalore

Date of Visit: 25th January 2023

The Department Mechanical Engineering organized one day industrial visit for 1st, 3rd and 5th Semester students along with faculty members to "IMTEX- 2023" at BIEC, Bangalore on 25th January 2023.

This visit was mainly focused to understand about the industries which were existing in the city according to the branch. The students were able to get an idea how exactly the organization works on the given project and demonstration of products in the field of engineering.

IMTEX (Indian Machine tool manufacturers) association organizes this exhibition for helping industrial need in terms of manufacturing. By this industrial visit the students learn more about recent technologies related to tooling industry, various sensors, robots and cobots.

IMTEX 2023 was divided into 2 sections

1. Tool tech
2. Digital Manufacturing

Tool tech is a premier event concurrent to IMTEX showcasing machine tool accessories such as sensors, robots, software, cobots etc.,.

Digital manufacturing will showcase the latest products in the additive manufacturing and industry 4.0.

Outcomes of the visit:

- New learning about new technologies such as 3D printing.
- Gaining the knowledge about current trends in tooltech accessories.
- Gaining the knowledge about the industry 4.0 standards.
- From this the students were able to find their field of interest.





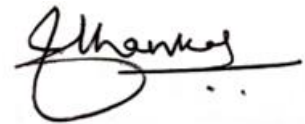


We would like to thank our Management! Principal and HOD of Mechanical engineering Dept. for arranging this industrial visit which was very informative and useful for the students. Also, we thank transport department for arranging bus facility for the industrial visit.

Mapping of Industrial visit with PO'S and PSO'S

Program	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2
Industrial Visit	-	-	-	-	2	-	--	-	-	2	-	2	2	-

- PO5: Modern Tool Usage in the field of 3D printing.
- PO10: Participants can communicate effectively by gaining knowledge.
- PO12: Participants can apply the basic knowledge in lifelong learning.
- PSO1: Participants are able to understand and apply communication tools to various fields of machine tools, sensors, Robots and cobots.



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