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Department of Mechanical Engineering

A.Y. 2023-24 SEM-I

Report on the workshop and demonstration on 3D printing technology for first-year engineering students

- 1. Event Title** -Workshop and demonstration on 3D printing technology for first-year engineering students
- 2. Event Date:** 26/08/2023
- 3. Event Conduction Duration:** 11 Am To 1 Pm (2 Hours)
- 4. Event Venue:** SIEM Mechanical Seminar Hall
- 5. Event Resource Person /Guest Details:** - Prof. S. B. Ambekar & Prof. K.P. Joshi
- 6. Name of Event Coordinator:** Prof. A. Y. Shirsath
- 7. Expected Audience:** All FE Students
- 8. Number of Participants:** 205
- 9. Event Objectives & Outcomes:**

Objectives:

The primary objective of the workshop and demonstration on 3D printing technology for first-year engineering students is to introduce them to the fascinating world of additive manufacturing. The event aims to provide participants with a comprehensive understanding of the principles, applications, and potential impact of 3D printing in various industries.

Event Outcomes:

- 1. Introduction to 3D Printing Technology:**
 - Gain a foundational understanding of the principles and techniques involved in 3D printing.
 - Explore the history and evolution of 3D printing technology.
- 2. Applications Across Industries:**
 - Explore real-world applications of 3D printing in industries such as healthcare,



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aerospace, automotive, and more.

- Understand how 3D printing is revolutionizing product development and manufacturing.

3. Hands-On Experience:

- Provide hands-on experience with 3D printing equipment and software.

4. Industry Insights:

- Feature sessions by industry experts sharing insights into how 3D printing is transforming their respective fields.
- Engage in discussions about the current and future role of 3D printing in the industry.

5. Q&A and Interactive Sessions:

- Provide a platform for participants to ask questions and engage in interactive discussions with experts.
- Address queries related to 3D printing technology and its applications.

By the end of the workshop, participants should have a well-rounded understanding of 3D printing technology, from its fundamental principles to its diverse applications and potential impact on future engineering practices.

10. Photos



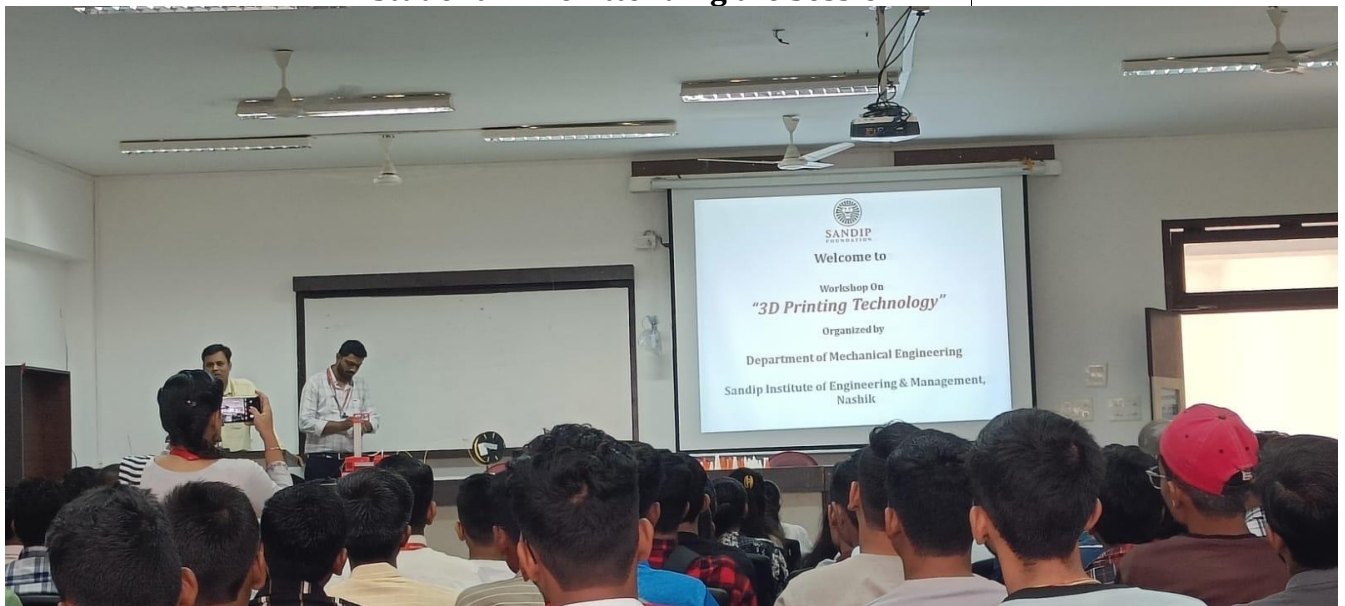
Interaction with First year Students



3D Printing Demonstration



Student while Attending the Session



Interaction with First year Students

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