



AJEENKYA
D Y PATIL UNIVERSITY
THE INNOVATION UNIVERSITY

**School of
Engineering**

Activity Report

Event Title: Workshop on Advancement in 3D Printing.

Organized by: US Institute of 3D Technology India Private Limited in collaboration with Ajeenkya D Y Patil University.

Date: 8 Aug to 10 Aug 2022

Venue: 407 SOE, ADYPU

Faculty Coordinator: Prof. Anant More

Participants: Students (2nd, 3rd, and final year), Faculties.

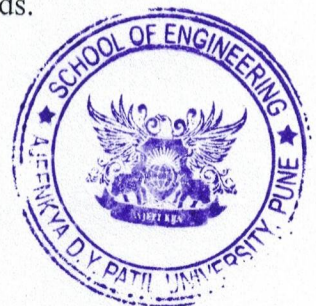
Objective:

The workshop aimed to provide participants with an in-depth understanding of advancements in 3D printing technology and its applications across various industries. It focused on exploring the potential of 3D printing in innovation, product development, and manufacturing processes. The goal was to empower students, faculty, and industry professionals with practical knowledge and hands-on experience to harness 3D printing technologies for real-world applications.

Agenda:

1. **Introduction to 3D Printing Technology**
 - Overview of 3D printing principles, processes, and materials.
2. **Advancements in 3D Printing**
 - Latest developments in 3D printing techniques and equipment.
 - Exploration of multi-material and multi-color 3D printing.
3. **Applications of 3D Printing**
 - Use cases in healthcare, automotive, aerospace, and consumer goods.
 - Integration of 3D printing in research, education, and prototyping.

Signature



4. **Hands-on Training**

- Demonstration of 3D printers in action.
- Practical sessions for designing and printing objects.

5. **Future Trends**

- The future of 3D printing technology and its impact on industries.
- Potential for customization and on-demand manufacturing.

Outcomes:

1. **Enhanced Knowledge:** Participants gained a comprehensive understanding of the current state and future trends in 3D printing technology.
2. **Hands-on Experience:** Attendees had the opportunity to operate 3D printing machines, design 3D models, and see the end-to-end process of additive manufacturing.
3. **Industry Insights:** The workshop provided valuable insights into the practical applications of 3D printing in various industries, helping students and professionals align their skills with emerging industry requirements.
4. **Networking Opportunities:** The event facilitated interaction between academia and industry experts, fostering collaborations for future projects and research initiatives in 3D printing technology.

This workshop successfully achieved its objective by equipping participants with both theoretical knowledge and practical experience, positioning them to contribute to advancements in 3D printing.

Glimpses of the Activity



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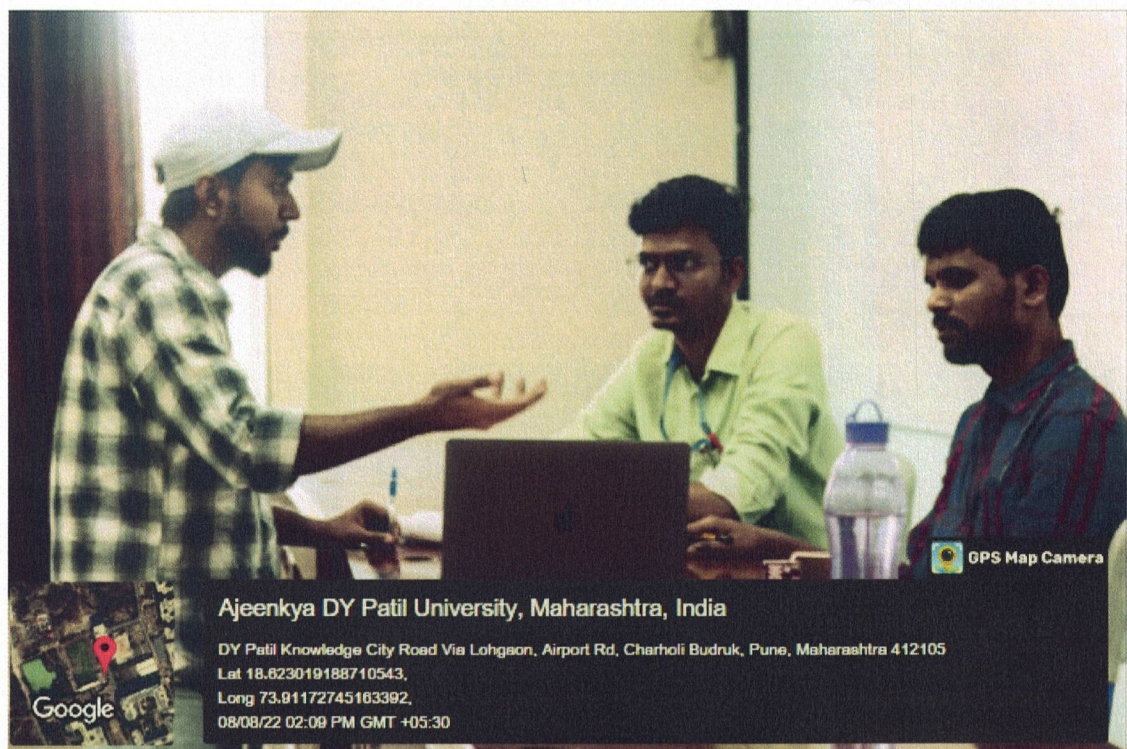
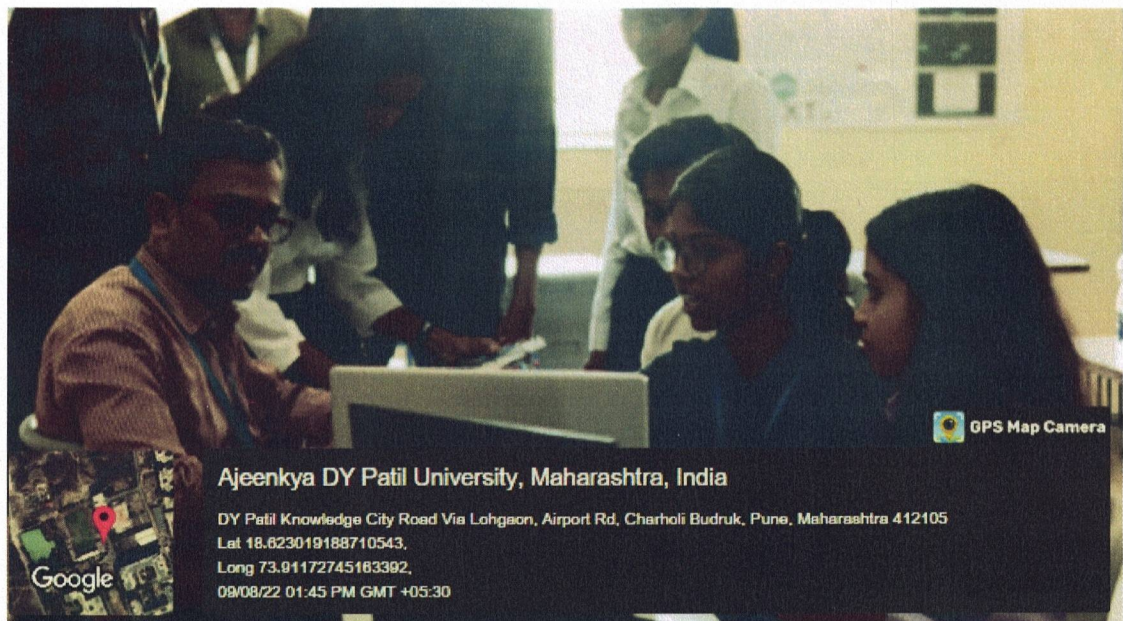
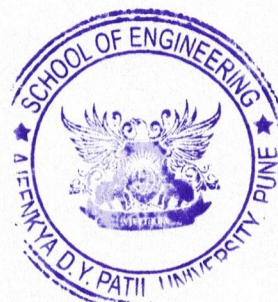


Fig: Workshop on Advancement in 3D Printing



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