Report on

FAB LAB VISIT

ACTIVITY TYPE	Fab lab visit		
DATE & TIME	16/07/2025	Duration	1 Day
SEMESTER	All	No. of participants	52
EXPERT NAME WITH DESIGNATION	Himanshu Das, Fablab Engineer, Parul Universtiy		

Introduction

A FAB Lab Visit was organized on 16th July 2025, starting at 9:00 AM onwards, by the Department of Chemical Science, PIAS. The visit was coordinated by Dr. Chintan Somaiya and Mr. Setu Visavadia. The session was facilitated by Mr. Himanshu Das, FAB Lab Engineer, Parul University, who guided the participants throughout the visit.

During the visit, students were introduced to the core facilities of the FAB Lab, including 3D printing, laser cutting, CNC machining, electronics prototyping, and digital design tools. Through live demonstrations and interactive discussions, Mr. Das explained how these technologies can be effectively applied in research, innovation, and product development.

The visit proved highly beneficial for the students, enhancing their creativity, technical knowledge, and problem-solving skills, while inspiring them to apply fabrication technologies for innovative solutions across diverse fields.

Objectives of the Visit

- To provide students with exposure to modern **digital fabrication tools** such as 3D printing, laser cutting, CNC machining, and electronics prototyping.
- To develop an understanding of how **fabrication technologies support research, innovation, and product development**.
- To encourage **creativity, critical thinking, and problem-solving skills** through hands-on demonstrations and guided sessions.
- To inspire students towards **entrepreneurship and innovative project development** using FAB Lab resources.

Learning Outcomes

By the end of the session, attendees gained:

- Students gained **practical exposure** to advanced fabrication tools such as 3D printers, laser cutters, CNC machines, and electronics prototyping kits.

- They understood the **applications of digital fabrication** in research, innovation, and product development.
- Students enhanced their **creativity and problem-solving skills** by exploring real-world applications of fabrication technologies.
- The visit motivated students towards **innovation and entrepreneurial thinking**, encouraging them to transform ideas into tangible solutions.

Conclusion

The FAB Lab visit on 16th July 2025 provided students with an excellent opportunity to explore and understand the role of modern fabrication technologies in innovation and research. Through interactive demonstrations and expert guidance, students not only gained practical exposure but also developed a deeper appreciation for creativity, design, and problem-solving. The visit successfully inspired participants to apply these learnings in their academic projects and future entrepreneurial ventures.

Glimpses of the Program


GPS Map Camera
Waghodia,Gujarat,India
Parul University, Waghodia, Gujarat 391760, India
Lat 22.288071, Long 73.364473
07/16/2025 10:37 AM GMT+05:30
Note : Captured by GPS Map Camera


GPS Map Camera
Waghodia,Gujarat,India
Parul University, Waghodia, Gujarat 391760, India
Lat 22.288111, Long 73.364437
07/16/2025 10:40 AM GMT+05:30
Note : Captured by GPS Map Camera


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