



Vishwakarma of Information Technology, Pune

(NAAC accredited A++, An Autonomous Institute
affiliated to Savitribai Phule Pune University)

Visit Report

Date: 25/03/2026

Name of Organization visited: Dassault systems

Date of Visit: 5th Marh 2026

Time of visit: 2.00 pm

Place of Visit: Hinjewadi

Mode of Transport: Self

VIT Members visited: Prof . Ketki Shirbhavikar

Rohit Dane

Prem Deore

Nevan Dgama

Bhumika Divate

Krishna Endela

Industry Person interacted:

Mr. Suhasritipal Gongate

Mr. Nishad Mahagaonkar

Agenda:

- To gain exposure to real-world industrial applications of advanced engineering software and digital platforms.
- To understand the role of product lifecycle management (PLM) and digital twins in modern industries.
- To explore various products offered by Dassault Systèmes (such as CAD, simulation, and 3DEXPERIENCE platform) and their applications across sectors like automotive, aerospace, and manufacturing.
- To bridge the gap between academic learning and industry requirements by observing practical implementations.
- To interact with industry experts and understand current technological trends, especially the integration of AI in engineering workflows.



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- To identify the skills and competencies required for engineering students aspiring to work in leading tech-driven companies.

Minutes of Meeting:

- **Introduction to Dassault Systems and Organizational Overview**

The visit began with a formal introduction to Dassault Systems, covering its global presence, core mission, and its role in enabling sustainable innovation through virtual twin experiences. The speakers explained how the company supports industries like automotive, aerospace, healthcare, and manufacturing by providing advanced digital solutions. This session helped us understand the scale at which engineering software is used globally and its impact on product development cycles.

- **Overview of Key Products and Platforms**

A detailed explanation of Dassault Systems' major products and platforms was provided, especially focusing on CAD, simulation, and the 3DEXPERIENCE platform. The demonstration highlighted how these tools are used for designing, modelling, simulation, and lifecycle management of products. Real-world examples were shared to show how industries use these platforms to reduce design errors, optimize performance, and accelerate time-to-market.

- **Understanding Product Lifecycle Management (PLM) in Industry**

The concept of PLM was explained in depth, showing how a product is managed from initial idea and design to manufacturing, maintenance, and disposal. The integration of different engineering domains within a single platform was emphasized. This helped us understand how collaboration between teams is streamlined and how data continuity is maintained throughout the product lifecycle.

- **Session on Frugal Innovation**

An interactive session was conducted by the Head of Frugal Innovation, where the focus was on developing cost-effective and efficient engineering solutions. The discussion included examples of how innovation can be achieved with limited resources while maintaining quality and scalability. The importance of designing solutions specifically for emerging markets like India was also highlighted.

- **Industry Expectations from Engineering Students**



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The speaker shared valuable insights into what companies like Dassault Systems expect from aspiring engineers. Emphasis was placed on strong fundamentals in core subjects, practical knowledge, and the ability to apply theoretical concepts to real-world problems. Soft skills such as communication, teamwork, and problem-solving were also identified as equally important.

- **Impact of Artificial Intelligence in Engineering**

A dedicated discussion was held on how AI is transforming industries. Topics included AI-driven design optimization, predictive maintenance, automation in manufacturing, and data-driven decision-making. The session also covered how engineers need to adapt by learning AI-related tools and integrating them with traditional engineering knowledge.

- **Adapting to Dynamic Technological Changes**

The importance of continuous learning and adaptability was strongly emphasized. The speakers encouraged us to stay updated with emerging technologies, take up certifications, work on practical projects, and develop a mindset of lifelong learning to remain relevant in the rapidly evolving engineering field.

- **Interactive Q&A and Knowledge Exchange Session**

The visit concluded with an interactive session where students actively engaged with the speakers. Questions related to internships, career opportunities, skill development, and industry trends were discussed. This session provided clarity on career pathways and gave us a better understanding of how to prepare ourselves for future roles in companies like Dassault Systems.

Photographs (if any)

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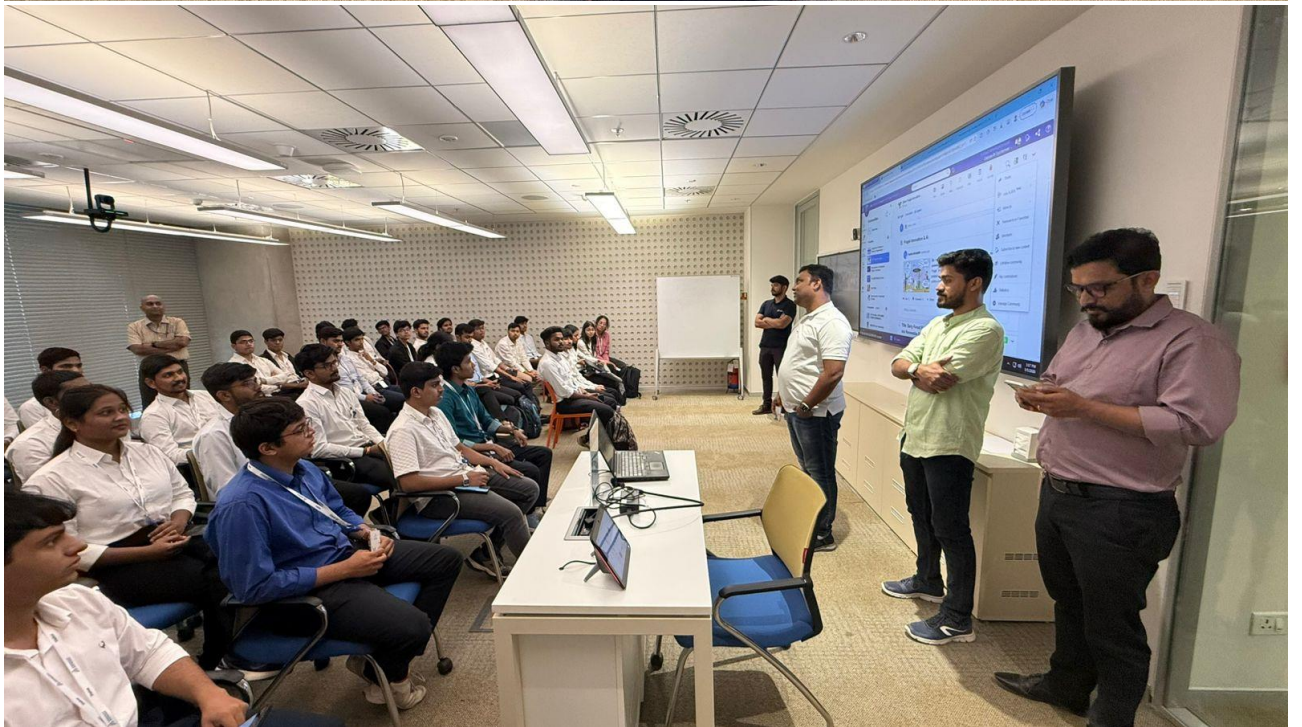
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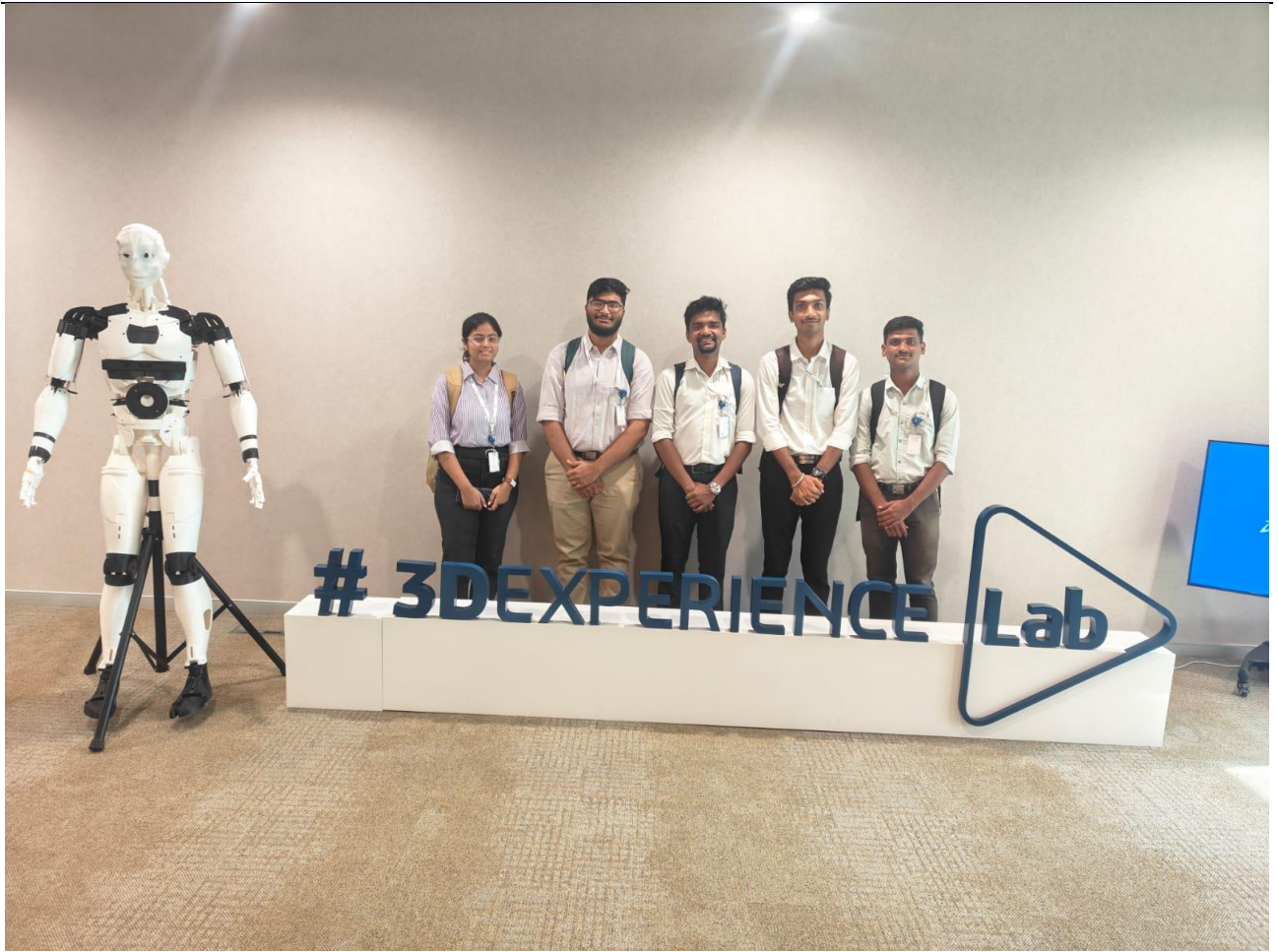
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Outcome:

- Gained a clear understanding of how engineering concepts are applied in real industrial scenarios using advanced digital tools.
- Developed awareness of industry expectations, including the importance of AI, simulation, and multidisciplinary knowledge.
- Increased motivation to build relevant technical and practical skills to align with industry standards and pursue opportunities at companies like Dassault Systems.

Name and Signature
Designation



Bansilal Ramnath Agarwal Charitable Trust's

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Department