

EVENT REPORT

Industrial Visit to CIPET: CSTS Gwalior

Under **Tech Fab Club**

Department of Mechanical Engineering

About CIPET: CSTS Gwalior

The Industrial Visit was organized at **CIPET: CSTS Gwalior** (Central Institute of Petrochemicals Engineering & Technology – Centre for Skilling & Technical Support), a premier Government of India institute working in the areas of polymer engineering, plastics processing, testing, quality assurance, and skill development.



1. Event Details

- **Event:** Industrial Visit
- **Date:** 12th February 2026
- **Organized By:** Tech Fab Club
- **Department:** Mechanical and Civil Engineering
- **Coordinator:** Mr. Prabhu Dayal Arya, Assistant Professor, Department of Mechanical Engineering, Mr. Shashank Gupta Assistant Professor, Department of Civil Engineering.
- **Industry Visited:** CIPET: CSTS Gwalior
- **Resource Person:** Mr. Tabrej Ahmad, Technical Head, CIPET Gwalior
- **No of Participants:** B.Tech (ME & CE)
- **Venue:** CIPET: CSTS Gwalior



2. Objective of the Industrial Visit

The main objectives of the visit were:

- To provide practical exposure to polymer processing and testing technologies.
- To bridge the gap between classroom learning and industrial practices.
- To understand quality control, material testing, and R&D activities.
- To enhance students' technical and employability skills.

3. Session & Visit Highlights

The session was conducted by **Mr. Tabrej Ahmad**, Technical Head at CIPET Gwalior, who provided detailed insights into the institute's technical infrastructure and industrial services.

Key Areas Covered:

- Introduction to polymer science and plastics engineering.
- Demonstration of **Injection Moulding and Extrusion Machines**.
- Overview of material testing laboratories (Mechanical Testing, Thermal Testing, Rheological Testing).
- Exposure to CAD/CAM and product design facilities.
- Discussion on industrial standards, quality assurance, and certification processes.
- Information about skill development programs, internships, and career opportunities.

Students observed live demonstrations of processing machines and testing equipment, gaining hands-on understanding of manufacturing operations and material behavior analysis.

The session was interactive, and students actively engaged in discussions related to research opportunities, higher studies, and industry requirements.



4. Learning Outcomes

In Terms of Values

- Development of professional ethics and industrial discipline.
- Understanding the importance of safety and quality standards.
- Motivation towards continuous skill enhancement.

In Terms of Attributes

- Improved technical competency in polymer processing and testing.
- Enhanced analytical and practical understanding of manufacturing systems.
- Better awareness of industry-ready skills and certifications.



In Terms of SDG Goals

- **SDG 4 – Quality Education:** Promoting skill-based and practical learning.
- **SDG 8 – Decent Work & Economic Growth:** Enhancing employability through industrial exposure.
- **SDG 9 – Industry, Innovation & Infrastructure:** Encouraging research and technological advancement.





Attendance record

Industrial Visit (CIPET) Gwalior

B.Tech. (Mechanical Engineering)

Date: 12/02/2026 First Year / Second Semester

S.No	Roll no	Name of Student	Signature
1.	BETN1ME25001	Sameer Khan	Sameer
2.	BETN1ME25002	Sumit	Sumit
3.	BETN1ME25003	Dhananjay Singh Jat	Dhananjay
4.	BETN1ME25004	GauriPitre	Gauri
5.	BETN1ME25005	AbhishekRathore	Abhishek
6.	BETN1ME25007	Devraj Singh Tomar	Devraj
7.	BETN1ME25008	HimanshuGoyal	Himanshu
8.	BETN1ME25009	Rudrapratapsingh	Rudra
9.	BETN1ME25010	Suryansh Singh Kushwah	Suryansh
10.	BETN1ME25011	SanchitKapoor	← ABSENT →
11.	BETN1ME25012	Anant Singh Rajawat	Anant
12.	BETN1ME25013	Sahil Sharma	Sahil Sharma
13.	BETN1ME25014	Padma Adithya	Padma
14.	BETN1ME25015	AnmolYadav	Anmol
15.	BETN1ME25016	JaideepBaghel	← ABSENT →
16.	BETN1ME25017	RohitBaghel	Rohit
17.	BETN1ME25018	Nikhil Baghel	← ABSENT →
18.	BETN1ME25019	D Haresh	D Haresh
19.	BETN1ME25020	AnkushGurjar	Ankush
20.	BETN1ME25021	Vishal Yadav	Vishal
21.	BETN1ME25022	Monish Khan	Monish Khan
22.	BETN1ME25022	PalojuHarshith	Paloju

Attendance record (12/02/2026)
Industrial Visit (CIPET Gwalior)

B.Tech. (Mechanical Engineering)

S No	VI sem	Name of students	Sign
	Roll no		
1	BETN1AG23002	Abhishek Singh Tomar	← ABSENT →
2	BETN1AG23005	Om Patel	← ABSENT →
3	BETN1ME23001	Krishna Baghel	← ABSENT →
4	BETN1ME23002	Ramu Savita	← ABSENT →
5	BETN1ME23005	Sparsh Jain	← ABSENT →
6	BETN1ME23006	Utkarsh Patil	← ABSENT →
7	BETN1ME23007	Kunal Gagre	← ABSENT →
8	BETN1ME23008	Ndukwe Johnson Jeremiah	← ABSENT →
	IV sem		
S No	Roll no	Name of students	
1	BETN1ME24001	Abhay Singh Gurjar	← ABSENT →
2	BETN1ME24004	Manjul Chaubey	← ABSENT →
3	BETN1ME24005	Mohit Rathor	← ABSENT →
4	BETN1ME24006	Sahil Pal	← ABSENT →
5	BETN1ME24008	Yuvraj Singh Kaurav	← ABSENT →
6	BETN1ME24009	Chinmay Chauhan	← ABSENT →
7	BETN1ME24011	Vikram Singh	← ABSENT →
8	BETN1ME24013	Jagan Mahor	← ABSENT →
9	BETN3ME25D01	Kalluri Thrinadh	← ABSENT →

5. Role of Tech Fab Club

Under the guidance and coordination of **Mr. Prabhu Dayal Arya**, Assistant Professor, Department of Mechanical Engineering, the Tech Fab Club successfully organized the industrial visit as part of its Industry Connect initiative. The club aims to provide experiential learning opportunities and strengthen collaboration between academia and industry.

6. Conclusion

The Industrial Visit to CIPET: CSTS Gwalior on 12th February 2026 was highly informative and beneficial for the students. It provided valuable exposure to real-time industrial processes, advanced testing facilities, and R&D practices.

The Department of Mechanical Engineering and Tech Fab Club extend sincere gratitude to Mr. Tabrej Ahmad and the CIPET team for their support and technical guidance. The visit significantly contributed to enhancing students' practical knowledge, technical skills, and career awareness.

Prepared by:



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Academic Cocordinator (ME & CE)
ITM University Gwalior

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