



Shahajirao Patil Vikas Pratishthan

S. B. PATIL COLLEGE OF ENGINEERING

(Approved by AICTE New Delhi, and Affiliated to Savitribai Phule Pune University)
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NAAC 'A' ACCREDITED & ISO 9001-2015 Certified Institute

Ref: SPVP/SBPCOE/MECH/2025-26/F04/

Date: 25/09/2025

To,

The Manager,
Precision Camshaft Ltd.
Chincholi MIDC, Solapur
Dist: Solapur



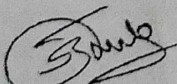
Subject: - Regarding Permission for Industrial visit

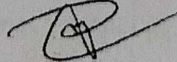
Respected sir,

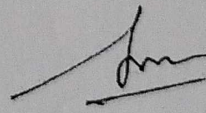
S.B. Patil College of Engineering is one of the most reputed Engineering institutions in Maharashtra and known for its excellence record in academics and co-curricular activities. The college offers bachelor degree course in EE, ME, CE, COMP, AIDS and E&TC. The state of art facilities and competent faculty provide an excellent climate for all round development of the students. As part of the curriculum, the students are required to undertake to a few industries of repute. We feel it will be fruitful that the students with academic background have a glimpse of the industry in order to have a better appreciation of practical applications of theory.

In the above background, we have subject **Manufacturing Processes & Machining Science & Technology**. In this subject, visit to the **Different types of Manufacturing plants & Foundries etc.** is mandatory as a part of syllabus, so we would like to send a batch of 50 students of SE/TE/BE Mechanical accompanied by 04 staff members to visit your plant preferably 26/09/2025 to 10/10/2025 or as per your convenience. We request you to kindly accord the necessary permission for the above visit and arrange for guiding the students. We assure that our participants observe the rules and regulations that are prescribed by your organization for the visitors and will in no way disturb the functioning of the plant during their visit.

We shall be grateful for a favorable response.


Prof. J.B. Mule
IV Co-ordinator


Dr. M.D. Jagtap
HOD


Dr. S. T. Shirkande
Principal

Department of Mechanical Engineering
S. B. Patil College of Engineering, Indapur

Notes:

1. For communication please contact

Prof. J.B. Mule (Assistant Professor, Mechanical Engineering Department)

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Industrial Visit Report

Industrial Visit to Precision Camshafts Limited, Solapur

Industrial Visit Report

Date: 28th February 2026

Venue: Precision Camshafts Limited, Solapur

Subject: Energy Audit & Management

Department: Mechanical Engineering

Class: Bachelor of Engineering (B.E.)

Objectives of the Industrial Visit

The Department of Mechanical Engineering organized an industrial visit to **Precision Camshafts Limited, Solapur** on **28th February 2026** with the following objectives:

- To bridge the gap between theoretical knowledge and industrial practices.
- To understand modern manufacturing processes used in the automobile industry.
- To study CNC machining, quality control, and production planning.
- To observe industrial safety practices and lean manufacturing techniques.
- To interact with industry experts and understand career opportunities in the manufacturing sector.

About the Company

Precision Camshafts Limited (PCL) is one of India's leading manufacturers of camshafts and precision-engineered automotive components. Established in 1992, the company supplies a wide range of camshafts to domestic and international automobile manufacturers. The company is known for its advanced manufacturing technologies, high-quality standards, automation, and continuous innovation in the automotive component sector.

Activities Conducted

Upon arrival, the students and faculty members were warmly welcomed by the management team of Precision Camshafts Limited with a bouquet presentation. The company officials introduced the organization, its history, product range, manufacturing capabilities, and global customer base.

Students were briefed on the importance of industrial safety, the use of personal protective equipment (PPE), workplace discipline, and safety regulations before entering the production area.

The students were then guided through various manufacturing sections where they observed:

- Raw material inspection
- Camshaft Grinding
- Heat Treatment Process
- Surface Finishing
- Precision Measurement and Quality Inspection
- Packaging and Dispatch Section



- Energy Audit & saving

Learning Outcomes

The industrial visit helped students to:

- Understand the complete manufacturing process of automotive camshafts.
- Learn industrial quality control techniques and precision measurement methods.
- Observe industrial safety standards followed in manufacturing industries.
- Improve communication skills through interaction with industrial professionals.
- Explore employment and career opportunities in the automotive manufacturing sector.



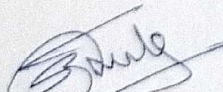
Student Participation

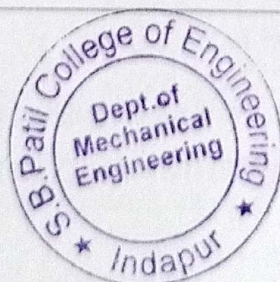
The B.E. Mechanical Engineering students actively participated throughout the industrial visit. They showed keen interest in understanding industrial operations, manufacturing technologies, and quality control practices. Students enthusiastically interacted with company experts and clarified their technical queries.

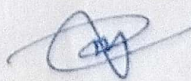
Conclusion

The industrial visit to **Precision Camshafts Limited, Solapur** was highly informative and beneficial. It provided students with valuable practical exposure to modern manufacturing techniques, CNC machining, quality assurance, and industrial management practices. The visit successfully enhanced students' technical knowledge and strengthened their understanding of real-world engineering applications.

The Department of Mechanical Engineering expresses sincere gratitude to the management and technical staff of Precision Camshafts Limited for their excellent guidance, hospitality, and support in making the visit a meaningful learning experience.


Industrial Visit Coordinator




HOD
HEAD
Department of Mechanical Engineering
S. B. Patil College of Engineering, Indapur