



**Gyanmanjari Innovative University**

***Fieldmarshal***

**P. M. DIESELS PVT. LTD., RAJKOT**

**Fieldmarshal (P. M. Diesels Pvt. Ltd.)**

**Industrial Visit Report**

Visit Date: 02/03/2026

<b>No. of Student</b>	48
<b>Department</b>	Mechanical Engineering
<b>Semester</b>	Diploma & B.Tech. - 2 <sup>nd</sup> , 4 <sup>th</sup> and 6 <sup>th</sup>
<b>Faculty Co-Ordinator</b>	Prof. Anjali Nair & Prajesh Dave

## Objective

The industrial visit aimed to:

- Provide students with practical exposure to modern industrial manufacturing processes.
- Bridge the gap between theoretical learning and real industrial practices.
  - Enhance understanding of diesel engine manufacturing, assembly, and quality control processes.
- Familiarize students with industrial management, safety practices, and production systems.
- Motivate students toward skill development and industry-oriented learning.

## About Activities

An industrial visit was organized on **02 March 2026** for all Mechanical Engineering and Aeronautical Engineering students at P. M. Diesels Pvt. Ltd. - Fieldmarshal, a renowned manufacturer of diesel engines, pumps, tractors, and agricultural equipment.

The company, popularly known under the brand name **Fieldmarshal**, has been serving the engineering and agricultural sector since 1963 and is recognized for its manufacturing excellence and innovation in diesel engine technology.

## Visit Highlights

During the visit, students were introduced to various departments and industrial processes, including:

- Manufacturing and assembly of diesel engines
- CNC machining and production operations
- Quality inspection and testing procedures
- Industrial safety standards and maintenance practices
- Overview of agricultural and industrial power solutions

Industry experts explained the complete workflow from raw material processing to final product assembly and testing. Students observed various machines, production setups, and quality assurance systems used in the manufacturing plant.

The students also gained insights into modern industrial practices, automation, and the importance of precision engineering in manufacturing industries.

## Student Participation

- Students actively participated throughout the industrial visit.
- They interacted with company professionals and technical staff.
- Students raised queries regarding manufacturing techniques, production management, and career opportunities in the industry.

## Outcome of the Activity

The industrial visit proved highly beneficial for students. It:

- Enhanced practical understanding of manufacturing and production processes.
- Improved knowledge about diesel engines and industrial machinery.
- Helped students understand real industrial working environments.
- Increased awareness about industrial safety and quality standards.
- Motivated students toward industry-oriented learning and career development.

The visit successfully provided valuable industrial exposure and strengthened students' technical knowledge by connecting classroom concepts with real-world applications.





