



INDUSTRY VISIT REPORT

Company: Numann Industries Pvt. Ltd., Hosur

Date of Visit: Wednesday, 13th August 2025

Department: Mechanical Engineering

Total Participants: 34 Students, 3 Faculty Members

1. Objective of the Visit:

The visit was organized to provide students and faculty members an opportunity to understand modern manufacturing practices, precision machining technologies, and industry requirements. Numann Industries Pvt. Ltd. also expressed interest in offering internships to faculty members and students, along with potential job opportunities for graduates.

2. Company Overview:

Numann Industries Pvt. Ltd. specializes in the manufacturing of precision turned parts and operates two key facilities:

Facility 1 – Precision Turned Parts Unit

- Built-up Area: 30,000 sq. ft.
- Key Equipment:
 - ✓ Robot CNC (Murata) – 24×7 operation with automated pick & place system.
 - ✓ Highly accurate cylindrical grinding machines (cylindricity < 3 microns).
- Features:
 - ✓ Cluster of CNC machines operated by fully trained manpower.

Facility 2 – Numann Auto Products

- Built-up Area: 12,000 sq. ft.
- Products: Turned piston rods (diameters 10 mm to 22 mm).
- Key Equipment & Processes:
 - ✓ CNC turning centres, broaching, and milling machines.
 - ✓ Plant dedicated to a single major customer.
- Core Strengths ("Our Secret Sauce"):



- ✓ Relentless focus on meeting customer expectations.
- ✓ Consistent delivery performance.
- ✓ Single point of contact for New Product Development (NPD) ensuring extremely low lead time.
- ✓ Frugal engineering and cost-effective processes for machined parts.
- ✓ High competency in machining both ferrous and non-ferrous components.

3. Key Takeaways from the Visit:

- Exposure to automation in manufacturing through robot-integrated CNC operations.
- Understanding precision machining requirements, including micron-level accuracy.
- Insight into plant layout and process flow in dedicated production lines.
- Learning about the importance of customer-focused operations and consistent quality delivery.
- Awareness of industry expectations in terms of skill sets for employment and internships.

4. Outcomes of the Visit:

- Potential internship opportunities for faculty and students.
- Potential placement opportunities for final-year Mechanical Engineering students.
- Enhanced understanding of modern manufacturing technologies and lean production methods.

5. Conclusion:

The industry visit to Numann Industries Pvt. Ltd. was highly beneficial in bridging the gap between academic learning and industrial practices. The exposure to advanced CNC operations, precision grinding, and specialized manufacturing processes has broadened the technical knowledge of students and faculty. The collaboration prospects for internships and job opportunities are expected to strengthen the department-industry relationship.

We also thank our Principal sir Dr. B Shadaksharappa, COO sir Dr. R Arunkumar and Dr. Balaji V, Head of the Department for motivating the students.

Industrial Visit Coordinator

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AP/Mech

Head of the Department

19/08/2025



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DEPARTMENT OF
MECHANICAL ENGINEERING

