



Vidya Pratishthan's
Centre of Excellence in Digital Manufacturing & Robotic Automation

Monthly Report December -2025

The following activities are conducted/ongoing in the month of December-2025 at CoEDMRA.

Sr.	Date	Activity	Remark
1	December month	Revenue generated through selling of students project kits/ gift items etc	Rs. 1,70,000 collected till the month of Nov.
2	11/12/2025	Visit Report-Dr. S. N. Shelke	A separate report is attached.
3	12/12/2025	Visit Report-Dr. sweta bapat	A separate report is attached.
4	13/12/2025	Visit Report-Kendriy vidyalay NDA pune	A separate report is attached.
5	16/12/2025	Visit Report- MKCL chairman	A separate report is attached.

Mrs. P. D. Kale,
Head
VP's CoEDMRA

Dr. M. S. Lande
Head of Department
Dept. of Mechanical Engg.

Principal
VPKBIET, Baramati



Vidya Pratishthan's
Centre of Excellence in Digital Manufacturing & Robotic Automation
Visit Report

Date of Visit: 11 December 2025

Place of Visit: Centre of Excellence in Digital Manufacturing, Robotics, and Automation (COEDMRA)

1. Visitor Details

Name: Prof. Dr. S. N. Shelke

Designation: Vice Principal

Institution: Science R. B. N. B. College, Shrirampur

District: Ahilya Nagar

2. Purpose of Visit

The purpose of the visit was to gain exposure to advanced technologies in the fields of digital manufacturing, robotics, and automation. The visit aimed to understand modern industrial practices, innovative manufacturing techniques, and their academic and practical applications for students and faculty.

3. Activities and Observations

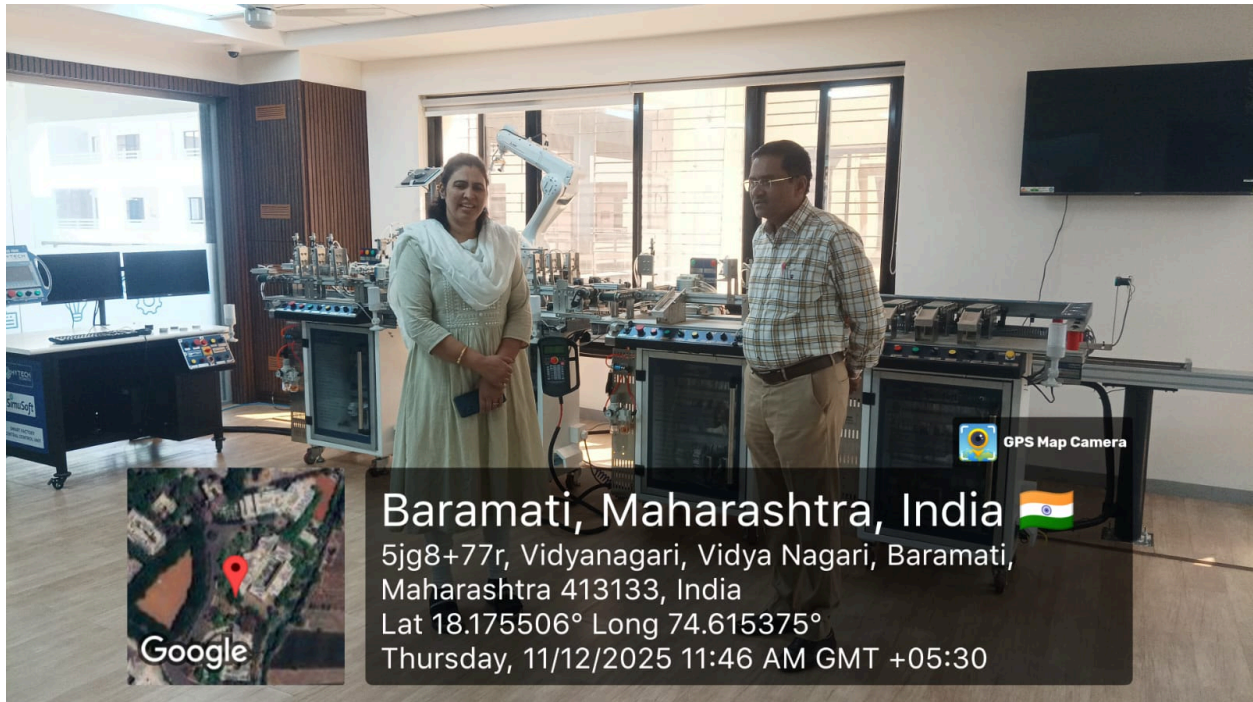
During the visit, Prof. Dr. S. N. Shelke explored various laboratories and facilities at COEDMRA. Demonstrations of robotic systems, automation setups, and digital manufacturing tools were observed. Detailed explanations were provided by the center's experts regarding the working principles, real-time applications, and industry relevance of the technologies. The infrastructure and training methodologies adopted at the center were found to be highly advanced and industry-oriented.

4. Key Outcomes of the Visit

- Enhanced understanding of modern manufacturing and automation technologies
- Insight into industry-aligned training and skill development programs
- Identification of opportunities for academic collaboration and student exposure
- Motivation to incorporate advanced technological concepts into the curriculum

5. Acknowledgment

We sincerely thank the COEDMRA team for their warm welcome, cooperation, and informative guidance throughout the visit. Their efforts made the visit insightful and enriching.



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Vidya Pratishthan's
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Visit Report

Date of Visit: 12 December 2025

Place of Visit: Centre of Excellence in Digital Manufacturing, Robotics, and Automation (COEDMRA)

1. Visitor Details

- **Name:** Dr. Shweta Bapat
- **Designation:** Associate Professor, DES Pune University
- **Position:** President, Business Ethics Foundation

2. Purpose of Visit

The purpose of the visit was to gain insights into advanced technologies in digital manufacturing, robotics, and automation, and to understand how ethical practices can be integrated with emerging industrial technologies. The visit also aimed to explore opportunities for academic collaboration and industry–academia interaction.

3. Activities and Observations

- Dr. Shweta Bapat was given an overview of the facilities and infrastructure available at COEDMRA.
- Demonstrations of advanced robotic systems, automation setups, and digital manufacturing tools were conducted.
- Discussions were held on the role of ethics in modern industrial practices and technological development.
- Interaction with faculty members and students regarding practical applications of automation and robotics was observed.

4. Key Outcomes of the Visit

- Enhanced understanding of current trends in digital manufacturing and automation.
- Awareness of the importance of ethical considerations in technological and industrial growth.
- Strengthening of academic and professional connections between institutions.

5. Acknowledgment

We sincerely thank Dr. Shweta Bapat for her valuable visit and insightful interactions. We also express our gratitude to the COEDMRA team for their support, guidance, and well-organized demonstrations, which made the visit informative and successful.



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Visit Report

Date of Visit: 13 December 2025

Place of Visit: Centre of Excellence in Digital Manufacturing, Robotics, and Automation (COEDMRA)

1. Visitor Details

- **Name:** Mrs. Vaishali D. T.
- **Institution:** Kendriya Vidyalaya, NDA Pune

2. Purpose of Visit

The purpose of the visit was to gain exposure to advanced technologies in the field of digital manufacturing, robotics, and automation. The visit aimed to understand modern industrial practices, innovative training methodologies, and the role of automation in present-day manufacturing systems.

3. Activities and Observations

During the visit, Mrs. Vaishali D. T. was introduced to various laboratories and facilities available at COEDMRA. Demonstrations of robotic systems, automated manufacturing setups, and digital manufacturing tools were observed. The infrastructure, training modules, and hands-on learning approach adopted by the center were found to be highly effective and industry-oriented.

4. Key Outcomes of the Visit

- Enhanced understanding of advanced manufacturing and automation technologies
- Insight into practical applications of robotics in industry
- Awareness of skill-based training programs aligned with industry requirements
- Motivation to incorporate modern technological concepts in academic teaching

5. Acknowledgment

We sincerely thank the COEDMRA team for their warm welcome, detailed explanations, and valuable guidance throughout the visit. Their cooperation and support made the visit informative and enriching.



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Visit Report

Date of Visit: 16 December 2025

Place of Visit: Centre of Excellence in Digital Manufacturing, Robotics, and Automation (COEDMRA)

1. Visitor Details

- **Mr. Vivek Sawant** – Chief Mentor and Former Managing Director, MKCL
- **Mr. M. Deshpande Sir**
- **Mr. Ranade Sir**

2. Purpose of Visit

The purpose of the visit was to review the facilities and ongoing activities at the Centre of Excellence in Digital Manufacturing, Robotics, and Automation (COEDMRA). The visit aimed to understand the advanced infrastructure available for training and research in digital manufacturing, robotics, and automation. It also focused on exploring opportunities for industry–institute collaboration, skill development programs, and the effective utilization of modern technologies for student learning and innovation.

3. Activities and Observations

During the visit, the visitors were given a detailed overview of the laboratories and equipment available at COEDMRA. Demonstrations of automation systems, robotic applications, and digital manufacturing tools were conducted. The visitors interacted with faculty members and students, discussing current projects, training methodologies, and future plans. The facilities were found to be well-equipped and aligned with current industrial standards.

4. Key Outcomes of the Visit

- Appreciation of the advanced infrastructure and learning environment at COEDMRA.
- Valuable suggestions were provided for improving training modules and industry relevance.
- Potential collaboration opportunities for skill development and industry-oriented programs were discussed.
- Encouragement and guidance were given to students and faculty for innovation and practical learning.

5. Acknowledgment

The institute sincerely thanks Mr. Vivek Sawant, Mr. M. Deshpande Sir, and Mr. Ranade Sir for their valuable time, guidance, and insights. Their visit and suggestions will greatly contribute to the enhancement of academic activities and industry alignment at COEDMRA.





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