



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

Monthly Report January -2026

The following activities are conducted/ongoing in the month of January-2026 at CoEDMRA.

Sr.	Date	Activity	Remark
1	January month	Revenue generated through selling of students project kits/ gift items etc	Rs. 2,75,000 approx. collected till the month of Jan.
2	7/1/2026	Visit Report-Mr. Byeong-Yun Cheng (Dean, AJOU University S. Korea)	A separate report is attached.
3	7/1/2026	Visit Report- Mr. Aniruddha Kaprekar, UK	A separate report is attached.
4	8/1/2026	Visit Report- Mr. B.V.Shetye	A separate report is attached.
5	8/1/2026	Report- FDP Ansys software	A separate report is attached
6	9/1/2026	Visit Report- Mr. Pravin Patil	A separate report is attached.
7	10/1/2026	Visit Report-Mr. Nitin Komawar	A separate report is attached.
8	12/1/2026	Visit Report-Adani group team	A separate report is attached.
9	13/1/2026	Visit Report-KBTCOE Nashik	A separate report is attached.
10	13/1/2026	Visit Report-Mr.Amitkumar Patil	A separate report is attached.
11	14/1/2026	BFL Training Report	A separate report is attached
12	16/1/2026	Visit Report-Dr. Nishikant Bhigade	A separate report is attached.
13	22/1/2026	Visit Report-Annasaheb Dange College of Engineering a	A separate report is attached.
14	23/1/2026	Visit Report-Trinity College, Pune	A separate report is attached.
15	24/1/2026	Visit Report-Dr. S.B. Deosarkar sir	A separate report is attached.

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

Dr. M. S. Lande
Head of Department

Principal, VPKBIET, Baramati



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

Date of Visit: 7 January 2026

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

1. Visitor Details

- **Name:** Mr. Byeong-Yun Cheng
- **Designation:** Dean, Ajou University, South Korea

2. Purpose of Visit

The purpose of the visit was to review the infrastructure, laboratories, and ongoing activities at the Centre of Excellence in Digital Manufacturing, Robotics, and Automation (COEDMRA). The visit also aimed to explore opportunities for academic collaboration, student training, research initiatives, and knowledge exchange between Ajou University, South Korea, and COEDMRA.

3. Visit Highlights

- An overview of COEDMRA facilities and training programs was presented.
- Demonstrations of Industrial Automation, PLC, Robotics, SCADA, and IIoT laboratories were conducted.
- Discussions were held on advanced manufacturing technologies, robotics applications, and skill development programs.

4. Outcome of the Visit

The visit strengthened the academic and professional relationship between Ajou University and COEDMRA. Both parties expressed interest in future collaboration in the areas of digital manufacturing, robotics, automation training, and research activities.

5. Conclusion

The visit was highly productive and contributed to establishing a strong foundation for international academic cooperation and industry-oriented skill development.



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Head
VP's CoEDMRA

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



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

Date of Visit: 7 January 2026

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

1. Visitor Details

- **Name:** Mr. Aniruddha Kaprekar
- **Country:** United Kingdom

2. Purpose of Visit

The purpose of the visit was to interact with the COEDMRA team and gain an overview of the facilities, infrastructure, and ongoing activities related to digital manufacturing, robotics, and industrial automation. The visit also focused on understanding the training programs, laboratory setup, and advanced technologies being implemented at COEDMRA.

3. Visit Highlights

- A detailed presentation on COEDMRA's vision, objectives, and academic–industry initiatives was conducted.
- Demonstrations of Industrial Automation, PLC systems, Robotics, SCADA, and IIoT laboratories were provided.
- Discussions were held regarding emerging trends in automation, global industry requirements, and skill development opportunities.

4. Outcome of the Visit

The visit helped strengthen professional interaction and opened discussions on potential collaboration in training, technology exchange, and future academic or industrial initiatives.

5. Conclusion

The visit was informative and productive, contributing to enhanced exposure to advanced digital manufacturing and automation practices at COEDMRA.



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Visit Report

Date of Visit: 8 January 2026

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

1. Visitor Details

- **Mr. B. V. Shetye** (Friends of Hon. Sharad Pawar)
- **Mrs. Aparna Shetye**

2. Purpose of Visit

The visit was organized to provide an overview of the facilities, infrastructure, and ongoing activities at COEDMRA, with a focus on advanced manufacturing technologies, robotics, and automation.

3. Details of the Visit

During the visit, the guests were introduced to various laboratories and training setups related to:

- Digital Manufacturing
- Industrial Robotics
- PLC-based Automation
- CNC and Industry 4.0 applications

The visitors interacted with faculty members and staff and appreciated the hands-on training approach adopted at COEDMRA.

4. Outcome of the Visit

The visitors expressed satisfaction with the facilities and initiatives undertaken by COEDMRA in skill development, industry-oriented training, and technological advancement. The visit helped strengthen engagement and awareness about the center's role in promoting advanced engineering education.

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Vidya Pratishthan's
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FDP Report

FDP on ANSYS Software Workshop

Date: 4 January 2026 to 10 January 2026

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

Trainer: Mr. Gokul

1. Overview

A Faculty Development Programme (FDP) on ANSYS Software was successfully conducted at COEDMRA from 4th January to 10th January 2026. The program was designed to enhance faculty knowledge and practical skills in simulation and analysis using ANSYS.

2. Objectives of the FDP

- To provide hands-on training on ANSYS software
- To familiarize participants with simulation, modeling, and analysis techniques
- To bridge the gap between theoretical concepts and industrial applications

3. Program Details

The FDP covered both theoretical concepts and practical sessions, including:

- Introduction to ANSYS interface and tools
- Geometry creation and meshing techniques
- Structural and thermal analysis
- Boundary conditions and result interpretation
- Case studies and real-time problem solving

All sessions were conducted through live demonstrations and hands-on practice under the guidance of Mr. Gokul.

4. Outcomes

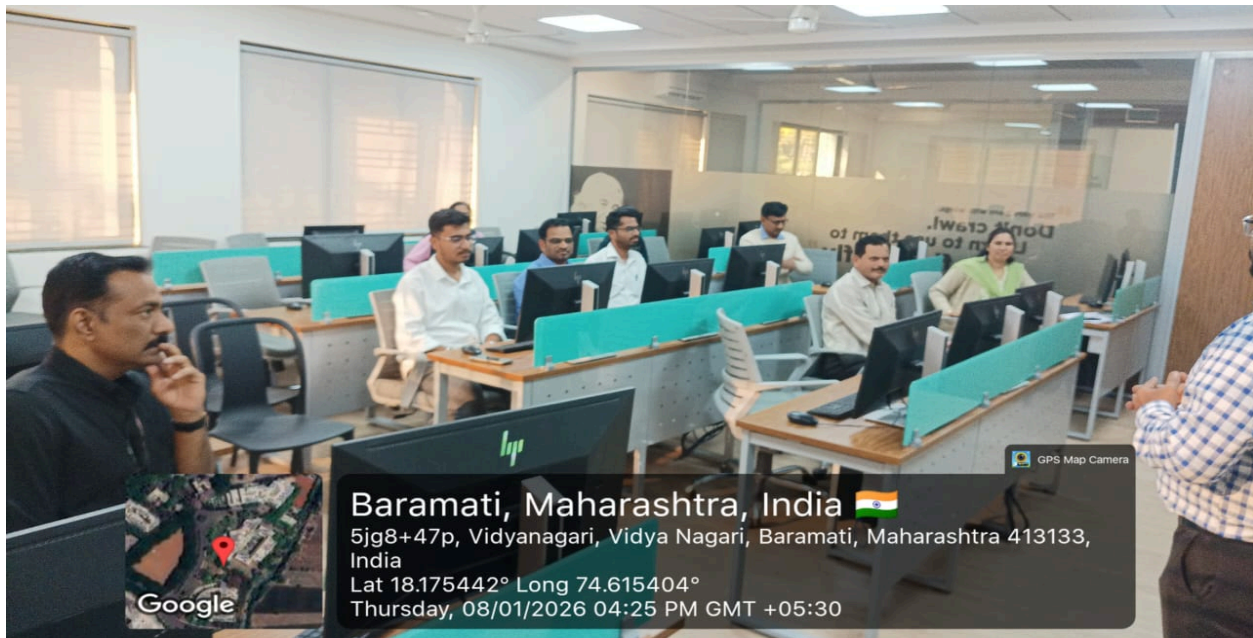
Participants gained practical exposure to ANSYS software and developed confidence in performing basic to intermediate-level simulations. The FDP was well received and contributed significantly to improving teaching and research capabilities.

5. Conclusion

The FDP on ANSYS Software was successfully completed, meeting its objectives of skill enhancement and practical learning. COEDMRA continues to support such industry-relevant training programs for academic and professional development.

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Visit Report

Date of Visit: 9 January 2026

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

1. Visitor Details

- Mr. Pravin Patil
- Mr. Harpreet Singh (*Elevate Edge*)
- Mr. Prakash Rane (*ABM India*)

Special Note:

The above visitors visited COEDMRA as guests representing Hon. Ajitdada Pawar.

2. Purpose of Visit

The purpose of the visit was to review the infrastructure, facilities, and ongoing activities at COEDMRA and to understand its role in promoting advanced manufacturing, robotics, and automation-based skill development.

3. Details of the Visit

During the visit, the guests were briefed about the various laboratories, equipment, and training programs at COEDMRA, including:

- Digital Manufacturing technologies
- Industrial Robotics systems
- PLC-based Automation setups
- CNC machines and Industry 4.0 applications

The visitors interacted with faculty members and staff and observed live demonstrations and hands-on training activities.

4. Outcome of the Visit

The guests appreciated the state-of-the-art facilities and the practical, industry-oriented training approach adopted at COEDMRA. The visit helped strengthen collaboration opportunities and enhanced awareness of the center's contribution to skill development and technological advancement.

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

Date of Visit: 10 January 2026

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

1. Visitor Details

- **Mr. Nitin Komawar** – A technology entrepreneur with over 25 years of global experience in the technology industry. He has co-founded and managed multiple innovative technology companies in Silicon Valley, USA, and India, and is passionate about bringing new innovations to the market.
- **Mr. Akshay Dhage**
- **Mr. Anvay Bhole**
- **Mrs. Proumita**
- **Mr. Raghu Dugapati**
- **Mr. Harpreet Singh**

2. Purpose of Visit

The purpose of the visit was to explore the facilities and ongoing activities at COEDMRA, understand the capabilities in digital manufacturing, robotics, and automation, and discuss potential opportunities for collaboration, innovation, and industry–academia engagement.

3. Visit Highlights

- The visitors were briefed on the infrastructure, advanced laboratories, and ongoing projects at COEDMRA.
- Demonstrations of automation systems, robotics applications, and digital manufacturing solutions were conducted.
- Discussions were held on emerging technologies, startup ecosystems, and future collaboration possibilities in skill development and applied research.

4. Outcome of the Visit

The visit was highly interactive and productive. The visitors appreciated the facilities and initiatives undertaken by COEDMRA and expressed interest in exploring future collaborations in technology development, training programs, and innovation-driven projects.

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Visit Report

Date of Visit: 7 January 2026

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

1. Visitor Details

- Name: Ms. Subhashrie Ramachandra Venkatraj
- Designation: Vice President
- Organization: Adani Group

2. Purpose of Visit

The purpose of the visit was to understand the infrastructure, facilities, and ongoing training activities at COEDMRA and to explore possible avenues for industry–institute collaboration.

3. Details of the Visit

Ms. Subhashrie Ramachandra Venkatraj visited the COEDMRA facility and interacted with the faculty and coordinators. She was briefed about the various training programs, laboratories, and advanced facilities available in the areas of digital manufacturing, robotics, automation, PLC, CNC, and industrial applications. Demonstrations of ongoing student training and projects were also presented.

4. Outcome of the Visit

The visit was informative and productive. The visitor appreciated the infrastructure, practical-oriented training approach, and the efforts taken by COEDMRA in skill development. The discussion opened opportunities for future collaboration in training, internships, and industry-supported programs.

5. Conclusion

The visit concluded on a positive note, strengthening the relationship between COEDMRA and the Adani Group, and paving the way for potential future academic and industrial collaborations.

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Visit Report

Date of Visit: 13 January 2026

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

Institute Visited By: KBT College of Engineering, Nashik (KBTCOE)

1. Visitor Details

The following dignitaries from **KBT College of Engineering, Nashik** visited COEDMRA:

1. **Dr. P. D. Nemade** – Head, Civil Engineering Department
2. **Dr. B. S. Tarle** – Head, Computer Engineering Department
3. **Dr. B. J. Parvat** – Head, Instrumentation & Control Engineering Department
4. **Dr. B. N. Rajole**
5. **Dr. Y. P. Patil** – Head, Electrical Engineering Department
6. **Dr. S. A. Talekar** – Head, Information Technology Department
7. **Dr. S. B. Sonawane** – Dean, Research & Development
8. **Dr. S. P. Awate** – Dean, IQAC
9. **Dr. M. N. Adake** – Dean, Training & Placement
10. **Dr. R. A. Wagh** – Applied Sciences and Humanities
11. **Dr. D. B. Uphade** – Dean, Academics

2. Purpose of Visit

The purpose of the visit was to:

- Review the infrastructure, laboratories, and advanced facilities available at COEDMRA
- Understand ongoing training programs, skill development initiatives, and industry-oriented activities
- Explore opportunities for academic collaboration, student internships, training programs, and joint research projects

3. Details of the Visit

The visiting dignitaries were briefed about the objectives, vision, and activities of COEDMRA. They visited various laboratories and facilities related to **digital manufacturing, robotics, automation, CNC, PLC, SCADA, and Industry 4.0 technologies**. Live demonstrations of equipment and ongoing training sessions were also showcased.

4. Outcome of the Visit

- The visitors appreciated the state-of-the-art infrastructure and hands-on training facilities at COEDMRA.
- Discussions were held regarding future collaboration in training, internships, and research activities.
- The visit strengthened academic and institutional ties between COEDMRA and KBTCOE Nashik.

5. Conclusion

The visit was informative and productive. It provided a platform for knowledge exchange and opened avenues for future collaboration in the areas of advanced manufacturing and automation.

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Visit Report

Date of Visit: 13 January 2026

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

1. Visitor Details

Name: Mr. Amitkumar Patil

Designation: Senior Technical Manager

Organization: Modelcam

2. Purpose of Visit

The purpose of the visit was to review the facilities and training activities at COEDMRA and to discuss opportunities for collaboration in the areas of CAD/CAM, CNC machining, and advanced manufacturing technologies.

3. Details of the Visit

Mr. Amitkumar Patil visited various laboratories and training facilities at COEDMRA. He was briefed about ongoing training programs, industry-oriented courses, and hands-on sessions related to CNC, VMC, CAD/CAM software, and automation technologies. Discussions were held regarding industry requirements, skill development, and alignment of training modules with current industrial practices.

4. Outcome of the Visit

- The visitor appreciated the infrastructure and practical training approach at COEDMRA.
- Suggestions were shared to enhance industry-relevant training content.
- Potential collaboration in training programs and technical support was discussed.

5. Conclusion

The visit was informative and productive, contributing to strengthening industry-academia interaction and enhancing skill-based training initiatives at COEDMRA.

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BFL Training Report

Place of Training:

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

Training Duration:

17 November 2025 to 14 January 2026

Total Trainees:

18

1. Introduction

The BFL Training Program was conducted at the Centre of Excellence in Digital Manufacturing, Robotics, and Automation (COEDMRA) for a duration of nearly two months. The training was designed to provide comprehensive theoretical knowledge along with hands-on practical exposure in core engineering and advanced manufacturing domains.

2. Training Structure

The training program was conducted with **three sessions daily**, ensuring effective learning through a balanced combination of theory and practical sessions. Each session focused on concept understanding, demonstrations, and hands-on practice.

3. Topics Covered

The following topics were covered during the training program:

- Basic Electronics
- Basic Electrical
- Industrial Automation
- Robotics
- Advanced Manufacturing
 - CNC
 - VMC

Special emphasis was given to practical applications, industrial relevance, and real-time problem-solving techniques.

4. Practical Exposure

Trainees were provided hands-on training on CNC and VMC machines, industrial automation panels, and robotic systems. Live demonstrations and practical exercises helped trainees gain confidence in operating machines and understanding industrial processes.

5. Evaluation

At the end of the training program, a **final examination** was conducted to assess the theoretical knowledge and practical skills acquired by the trainees. All trainees actively participated in the assessment.

6. Conclusion

The BFL Training Program was successfully completed at COEDMRA. The trainees gained valuable knowledge and practical experience in electronics, electrical systems, automation, robotics, and advanced manufacturing technologies. The training enhanced their technical skills and improved their industry readiness.

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Visit Report

Date of Visit: 16 January 2026

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

1. Visitor Details

- **Mr. Pravin Likhankar**, Chief Executive Officer, Shree Mahalaxmi Jagdamba Sansthan, Koradi
- **Mr. Nishikant Bhigade**, Nagpur
- **Mr. Shirish Wath**

2. Purpose of Visit

The purpose of the visit was to review the facilities and activities at COEDMRA and to understand the infrastructure available for training and research in digital manufacturing, robotics, and automation.

3. Details of the Visit

The visitors were given a detailed overview of COEDMRA, including its mission, infrastructure, and key focus areas such as digital manufacturing, robotics, and automation. They visited various laboratories and observed advanced equipment and ongoing training sessions. Demonstrations of automation systems and student projects were also presented, highlighting the practical and industry-oriented approach adopted by COEDMRA.

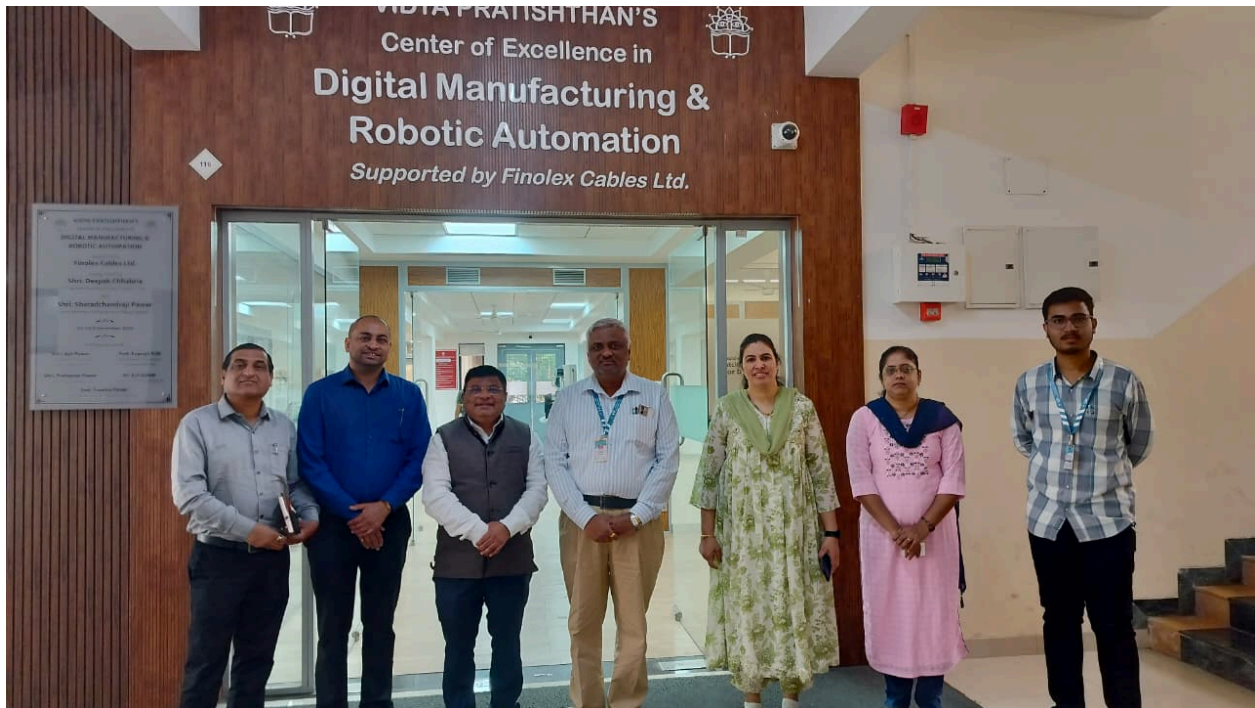
4. Outcome of the Visit

The visit resulted in constructive discussions on potential collaboration in the areas of student training, faculty development programs, and industry-supported projects. The visitors expressed appreciation for the facilities and hands-on training methodology at COEDMRA. The visit helped strengthen academic–industry relations and opened avenues for future cooperation and knowledge sharing.

5. Conclusion

The visit was informative and productive, providing valuable insights into COEDMRA's capabilities and scope for future collaboration in education, training, and research.

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Vidya Pratishthan's
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Visit Report

Date of Visit: 22 January 2026

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

1. Visitor Details

Name of Institute: Annasaheb Dange College of Engineering and Technology, Ashta

Taluka: Walwa

District: Sangli

PIN Code: 416301

Total Visitors: 10 Staff Members

2. Purpose of Visit

The purpose of the visit was to gain exposure to advanced manufacturing technologies and understand the facilities available at COEDMRA in the areas of digital manufacturing, robotics, and automation.

3. Details of the Visit

The visiting staff members were introduced to various advanced laboratories and infrastructure at COEDMRA. Demonstrations were given on CNC machines, robotics systems, and automation setups. The experts explained the practical applications of these technologies in industry and their relevance to engineering education.

4. Outcome of the Visit

The visit was informative and beneficial. The staff members gained valuable insights into modern manufacturing practices and automation technologies. The interaction helped in understanding how such facilities can enhance teaching, research, and industry collaboration.

5. Conclusion

The visit to COEDMRA was successful and enriching. It provided practical knowledge and exposure to advanced technologies, which will be useful for academic and professional development.

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

Date of Visit: 23 January 2026

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

1. Visitor Details

- Institute: Trinity College of Engineering
- Number of Students: 60
- Number of Staff: 5

2. Purpose of Visit

The purpose of the visit was to provide students with practical exposure to advanced manufacturing technologies, robotics, and automation systems, and to understand their industrial applications.

3. Details of the Visit

The visit began with an introductory session on the facilities and objectives of COEDMRA. Students were briefed about modern digital manufacturing practices, CNC machines, robotics systems, and industrial automation technologies.

Live demonstrations of CNC machines and automation setups were conducted, explaining their working principles, safety measures, and real-time industrial use cases. The interaction session helped students clarify their doubts and gain deeper technical insights.

4. Learning Outcomes

- Understanding of CNC machining and automation processes
- Exposure to robotics and digital manufacturing technologies
- Awareness of industrial standards and safety practices
- Improved knowledge of career opportunities in automation and manufacturing sectors

5. Conclusion

The visit was highly informative and beneficial for both students and staff. It successfully bridged the gap between theoretical knowledge and practical industrial applications. The participants expressed appreciation for the well-organized session and hands-on exposure provided by COEDMRA.

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Vidya Pratishthan's
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Visit Report

Date of Visit: 24 January 2026

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

1. Visitor Details:

Dr. S. B. Deosarkar, Director – International Relations, PCU, along with a team of 30–40 professors.

2. Purpose of Visit:

The purpose of the visit was to understand the facilities, infrastructure, and ongoing activities at COEDMRA and to explore possibilities for academic collaboration, training, and research in advanced manufacturing and automation technologies.

3. Visit Details:

The visiting team was welcomed at COEDMRA and given an overview of the centre's objectives and achievements. The visitors were introduced to various facilities related to Digital Manufacturing, Robotics, CNC machines, Industrial Automation, and advanced training laboratories.

Live demonstrations of CNC machines, robotic systems, and automation setups were conducted. The faculty members showed keen interest in the hands-on training modules, student internship programs, and industry-oriented courses conducted at the centre.

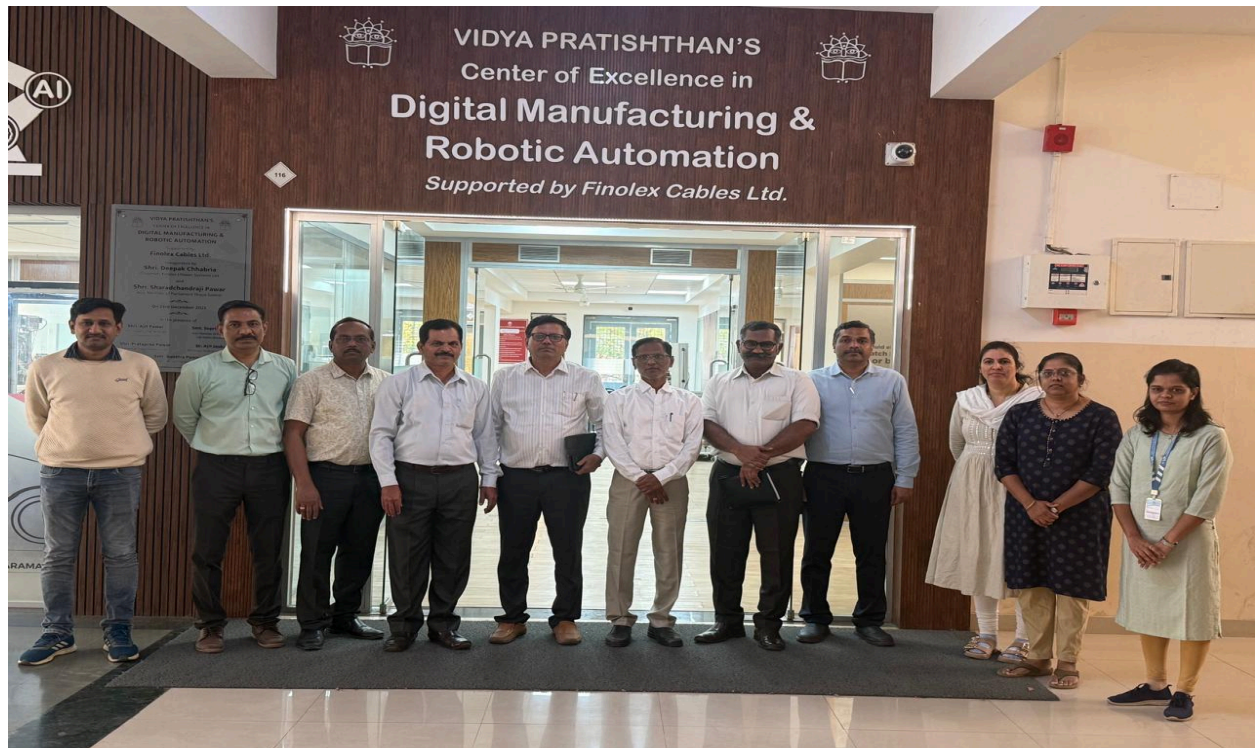
4. Interaction and Discussion:

An interactive discussion session was held with Dr. S. B. Deosarkar and the visiting professors. Topics such as faculty development programs (FDPs), student internships, joint workshops, and future academic collaborations were discussed.

5. Conclusion:

The visit was successful and informative. Dr. S. B. Deosarkar and his team appreciated the infrastructure, practical approach, and industry-focused training provided by COEDMRA. The visit concluded with positive feedback and a possibility of future collaboration.

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