



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

Monthly Report February -2026

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

Sr.	Date	Activity	Remark
1	February month	Revenue generated through selling of students project kits/ gift items etc	Rs. 296,635/- collected till the month of Feb.
2	7/2/2026	Visit Report-Sergio Barrios - Vice President, Pantaleon Sugar Mill	A separate report is attached.
3	11/2/2026	Visit Report- Dattakala Polytechnic,Bhigwan	A separate report is attached.
4	16/2/2026	Visit Report- VP Biotechnology	A separate report is attached.
5	18/2/2026	Visit Report- Jai Daga, CTO of the South Indian Education Society (SIES)	A separate report is attached.
6	28/2/2026	Visit Report- Dronacharya Academy, Baramati	A separate report is attached.
7	28/2/2026	Visit Report- Dattakala group of institution, Bhigwan	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 February 2026

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

Visitor Details

- Mr. Nilesh Kulkarni – General Manager, Findability Sciences
- Mr. Sergio Barrios – Vice President, Pantaleon Sugar Mill
- Mr. Juan Bolanos – AI Program Manager, Pantaleon Sugar Mill
- Mr. Erick Alonzo – Process Expert, Pantaleon Sugar Mill
- Mr. Jose Lopez – Agriculture AI and Process Expert, Pantaleon Sugar Mill

Purpose of Visit

To explore advanced technologies in digital manufacturing, robotics, automation, and AI, and their applications in industry and agriculture.

Details of Visit

The visitors were welcomed by the COEDMRA team and were given an overview of the centre's objectives, infrastructure, and ongoing projects. A detailed tour of the laboratories and training facilities was conducted, covering the following areas:

- Industrial Automation and PLC Systems
- Robotics and Robotic Applications
- CNC Machines and Advanced Manufacturing Systems

Demonstrations of live projects and working models were presented to the visitors.

Outcome

The visit helped identify potential areas of collaboration and enhanced understanding of advanced technologies for industrial and agricultural applications.

Conclusion

The visit was informative and productive, strengthening technical interaction and future collaboration opportunities.

Photos



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Visit Report

Date of Visit: 11 February 2026

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

1. Visitor Details

- Institute: Dattakala Polytechnic, Bhigwan
- Department & Class: SY (E&TC, Computer, IT)
- Number of Students: 50
- Number of Staff: 3

2. Objective of the Visit

The objective of the visit was to provide students with practical exposure to advanced technologies in digital manufacturing, robotics, and industrial automation, and to enhance their understanding of modern industrial systems.

3. Activities Conducted

During the visit, students were introduced to various advanced technologies such as robotics systems, CNC machines, industrial automation setups, PLC systems, and smart manufacturing concepts. Experts explained the working principles, applications, and industrial importance of these technologies. Live demonstrations helped students understand real-time industrial operations.

4. Outcome of the Visit

The visit was highly informative and beneficial for students. It enhanced their technical knowledge, improved their understanding of industrial processes, and motivated them to explore advanced technologies in their respective fields.

5. Conclusion

The industrial visit to COEDMRA was successful and provided valuable practical insights into digital manufacturing, robotics, and automation. It bridged the gap between theoretical knowledge and practical industrial applications.

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Visit Report

Date of Visit: 16 February 2026

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

Visitor Details:

Institute/Department: Vidya Pratishthan's School of Biotechnology

Number of Students: 20

Number of Faculty: 1

Purpose of Visit:

The purpose of the visit was to provide students with practical exposure to modern digital manufacturing, robotics, and automation technologies. The visit aimed to enhance students' understanding of industrial automation systems, robotic operations, and their applications in real-world industries.

Details of Visit:

During the visit, students were introduced to various advanced technologies used in digital manufacturing and automation. The COEDMRA team demonstrated industrial robots, robotic arms, and automation systems used for pick-and-place operations and material handling. Students also learned about PLC (Programmable Logic Controller), SCADA systems, sensors, and their integration in automated processes. The experts explained the importance of automation in improving productivity, accuracy, and efficiency in modern industries.

Outcomes of Visit:

- Students gained practical knowledge of robotics and automation systems.
- Students understood the working principles of industrial robots and PLC systems.
- Students learned about digital manufacturing concepts and their industrial applications.
- The visit helped bridge the gap between theoretical knowledge and practical implementation.

Conclusion:

The visit to COEDMRA was highly informative and beneficial for the biotechnology students. It provided valuable exposure to modern automation technologies and industrial practices. The visit enhanced students' technical knowledge and helped them understand the importance of robotics and automation in various industries. Overall, the visit was successful in achieving its educational objectives.

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

Date of Visit: 18 February 2026

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

Visitor Details: Mr. Jai Daga, CTO of the South Indian Education Society (SIES), along with his team.

Purpose of Visit:

The purpose of the visit was to explore the advanced facilities available at COEDMRA in the fields of digital manufacturing, robotics, and industrial automation. The visit also aimed to understand the training infrastructure, modern technologies, and skill development opportunities provided to students and industry professionals.

Details of Visit:

During the visit, Mr. Jai Daga and his team were given a guided tour of the COEDMRA facility. They observed various advanced equipment, including industrial robots, robotic arms, automation systems, PLC-based control panels, and digital manufacturing setups.

The team was introduced to different automation technologies such as robotic programming, PLC and SCADA integration, and Industry 4.0 concepts. Demonstrations of robotic operations and automation processes were conducted to showcase the practical applications of the systems.

The visitors also interacted with the technical staff to understand the training modules, ongoing projects, and research activities carried out at the centre.

Outcomes of the Visit

- The visitors gained valuable insights into modern robotics and automation technologies.
- They appreciated the advanced infrastructure and training facilities available at COEDMRA.
- The visit helped strengthen collaboration opportunities between COEDMRA and SIES.
- The visitors understood the importance of practical training in preparing students for industrial requirements.

Conclusion

The visit was highly informative and productive. Mr. Jai Daga and his team expressed their appreciation for the advanced facilities and practical training approach at COEDMRA. The visit helped promote knowledge exchange and opened possibilities for future collaboration in the areas of robotics, automation, and digital manufacturing.

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Vidya Pratishthan's
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Visit Report

Date of Visit: 28 February 2026

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

1. Visitor Details

Institute: Dronacharya Academy, Baramati

Department & Class: 8th, 9th, 10th, 11th

Number of Students: 85

Number of Staff: 4

2. Purpose of Visit

The purpose of the visit was to introduce school students to modern technologies used in robotics, automation, and digital manufacturing.

3. Details of Visit

During the visit, students were given an introduction to robotics, industrial automation, and digital manufacturing systems. They observed demonstrations of robotic operations and automation equipment. The students also learned about basic concepts of robots, sensors, and their applications in industries.

4. Outcomes

- Students gained awareness about robotics and automation technologies.
- They developed interest in modern engineering and technological fields.
- The visit helped them understand how automation is used in industries.

5. Conclusion

The visit was informative and inspiring for the students. It provided them with practical exposure to advanced technologies and motivated them to explore careers in science, engineering, and robotics.

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Visit Report

Date of Visit: 28 February 2026

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

1. Visitor Details

Institute: Dattakala Group of Institutions, Bhigwan

Department & Class: SE, TE, BE (E&TC)

Number of Students: 35

Number of Staff: 2

2. Purpose of Visit

The purpose of the visit was to provide students with practical exposure to modern technologies used in digital manufacturing, robotics, and industrial automation.

3. Details of Visit

During the visit, students were introduced to advanced industrial automation technologies available at COEDMRA. The session included demonstrations of industrial robots, digital manufacturing concepts, and automation systems used in modern industries. Students observed practical applications of robotics, PLC-based automation, and robotic simulation software. Experts at the center explained the working principles and real-world industrial uses of these technologies.

4. Outcomes

- Students gained practical knowledge of robotics and automation technologies.
- They understood the role of digital manufacturing in modern industries.
- The visit enhanced students' interest in industrial automation and robotics.

5. Conclusion

The industrial visit was highly informative and beneficial for the students. It helped bridge the gap between theoretical knowledge and practical industrial applications in the field of robotics and automation.

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