

Department of Chemical Engineering

AIChE Student Chapter, Department of Chemical Engineering, AISSMS COE, Pune

Organised a guest lecture on

100 % Scholarship for Study Abroad

REPORT:

Title of the Guest Lecture	:	100 % Scholarship for Study Abroad
Resource Person	:	Mr Subhash Pol
Date of Conduction	:	06/08/2025
No of Students	:	
Mode of Conduction	:	Offline
Faculty Coordinator	:	Mr P S Tadkar
Student Coordinator	:	Yogeshwar Ingale

The AIChE Student Chapter, Department of Chemical Engineering, AISSMS College of Engineering, Pune, successfully organized a guest lecture on the topic “**100% Scholarship for Study Abroad**” on 06th August 2025. The session was arranged with the aim of guiding students toward international higher education opportunities supported by complete financial assistance.

The program was conducted in the CITP seminar hall and witnessed enthusiastic participation from students across different academic years.

Objectives of the Program

The primary objectives of organizing this guest lecture were:

- To create awareness among students about fully funded higher education opportunities abroad.
- To provide detailed information about international universities offering 100% scholarships.
- To explain eligibility criteria, documentation requirements, and application procedures for overseas education.

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- To guide students on building a strong academic, research, and extracurricular profile.
- To clarify doubts related to scholarship schemes, financial planning, and visa processes.
- To motivate students to explore global education platforms and enhance their career prospects.

Resource Person

- The resource person for the session was **Mr. Subhash Pol**, Business Development Manager at Edwise International, Pune. He is a highly experienced professional in the field of overseas education counseling and has guided numerous students in securing admissions and scholarships in reputed international universities.
- The session was coordinated by **Mr. P. S. Tadkar**, Assistant Professor and Faculty Coordinator of the AIChE Student Chapter.

Details of the Session

The guest lecture commenced sharply at **02:00 PM** and concluded at **03:30 PM**.

During the session, Mr. Pol delivered a comprehensive presentation covering:

- Overview of popular study destinations such as USA, UK, Canada, Germany, and Australia.
- Types of scholarships available, including merit-based, need-based, research-based, and government-funded scholarships.
- Step-by-step guidance on the application process.
- Required standardized tests such as IELTS, TOEFL, GRE, and GMAT.
- Preparation of Statement of Purpose (SOP), Letters of Recommendation (LOR), and resume building.
- Financial documentation and visa procedures.

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- Strategies to improve the chances of securing 100% scholarships.

He emphasized the importance of maintaining strong academic performance, engaging in research activities, internships, technical competitions, and developing leadership skills to strengthen scholarship applications.

The session was highly interactive. Students actively participated and raised queries regarding eligibility, scholarship deadlines, documentation requirements, part-time work opportunities, and post-study employment prospects. Mr. Pol addressed all questions patiently and provided practical insights based on his professional experience.

More than **50 students** attended the program, and the overall response was extremely positive.

Outcomes of the Program

The guest lecture achieved the following outcomes:

- Students gained clarity about various fully funded scholarship opportunities available worldwide.
- Participants understood the structured process of applying to international universities.
- Students became aware of the importance of early preparation for competitive scholarships.
- Increased motivation among students to pursue higher education abroad.
- Enhanced understanding of financial planning and documentation requirements.
- Several students expressed interest in starting their application preparation process immediately.

The program significantly broadened students' perspectives regarding global education and career advancement opportunities.

Department of Chemical Engineering

Conclusion

The guest lecture proved to be highly informative, insightful, and motivating. It successfully fulfilled its objective of spreading awareness about 100% scholarship opportunities for study abroad. The session not only provided valuable information but also inspired students to aim for global academic exposure and excellence.

Acknowledgment

The organizing committee sincerely thanks the invited speaker, **Mr. Subhash Pol**, for sparing his valuable time and sharing his expertise with the participants.

We express our sincere gratitude to **Mr. P. S. Tadkar**, Assistant Professor, Department of Chemical Engineering, for facilitating the session and coordinating with the resource person.

We are also thankful to **Dr. A. V. Mohod**, Head of the Department of Chemical Engineering, for his constant support and guidance.

We deeply acknowledge the encouragement and support of our Hon. Principal, **Dr. D. S. Bormane**, for permitting and supporting the organization of this academic event.

We further extend our sincere thanks to the Hon. Secretary and the Management of AISSMS Society for their continuous support in promoting such academic and career-oriented activities.

Lastly, the organizing committee profoundly thanks all the participants for their active involvement and attentive participation throughout the session.

Prof. P. S. Tadkar

Faculty Advisor

AIChE AISSMS COE

Dr A V Mohod

Head

AISSMS COE

Department of Chemical Engineering

Glimpses of the event:



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Prof. P. S. Tadkar
Faculty Advisor
AIChE AISSMS COE

Dr A V Mohod
Head
AISSMS COE

Department of Chemical Engineering



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(Ud No. P/UPN/Finan./093/1992)



AIChE Student Chapter
Chemical Engineering Department
AISSMS COE, Pune

Is Organizing

100 % Scholarship for Study Abroad

Speaker

MR. SUBHASH POL
Business Development Manager,
Edwise International

Details

6 AUGUST 2025
2.00 PM TO 3.00 PM
VENUE : CITP HALL



Ms. Yogeshwar Ingale
Student Co-ordinator

Prof. Pravin Tadkar
AIChE Co-ordinator

Dr. M.Y. Naniwadekar
Head of Department

Dr. D.S. Bormane
Principal

Department of Chemical Engineering



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Department of Chemical Engineering

NOTICE

Date: 06/10/2025

All the students of **SE, TE, and BE Chemical Engineering** are hereby informed that the **Department of Chemical Engineering, AISSMS College of Engineering, Pune**, is organizing a **guest lecture on 12/10/2025** on the topic **"100 % Scholarship for Study Abroad."**

The session will be delivered by **Mr Subash Pol**. All students are **instructed to attend the session without fail**.

HOD

Department of Chemical Engineering

Feedback

Sr. No.	Overall Rating (1-5)	Content Quality (1-5)	Speaker Effectiveness (1-5)	Usefulness of Session (1-5)	Would Recommend (Yes/No)	Remarks
1	4	4	5	4	Yes	Valuable learning experience.
2	4	4	5	4	Yes	Valuable learning experience.
3	5	4	4	5	Yes	Excellent explanation with practical examples.
4	4	4	5	4	Yes	Very helpful for career guidance.
5	4	5	5	5	Yes	Well organized and interactive.
6	4	4	4	4	Yes	Excellent explanation with practical examples.
7	4	5	5	4	Yes	Improved conceptual understanding.
8	4	5	5	4	Yes	Valuable learning experience.
9	5	4	4	5	Yes	Highly useful and motivating.
10	5	4	5	5	Yes	Valuable learning experience.
11	4	5	5	4	Yes	Very informative session.
12	5	5	5	4	Yes	Valuable learning experience.
13	4	4	4	5	Yes	Excellent explanation with practical examples.
14	5	4	5	4	Yes	Valuable learning experience.
15	4	4	5	4	Yes	Valuable learning experience.
16	4	5	4	5	Yes	Valuable learning experience.
17	5	5	4	4	Yes	Excellent explanation with practical examples.
18	4	5	4	5	Yes	Improved conceptual understanding.
19	5	5	4	4	Yes	Excellent explanation with practical examples.
20	5	5	4	4	Yes	Excellent explanation with practical examples.
21	4	5	4	4	Yes	Excellent explanation with practical examples.
22	4	4	4	4	Yes	Very helpful for career guidance.
23	4	5	5	5	Yes	Very informative session.
24	4	4	4	5	Yes	Gained good practical insights.
25	4	5	4	5	Yes	Very informative session.
26	4	4	4	5	Yes	Highly useful and motivating.
27	5	5	5	4	Yes	Good industrial exposure.
28	5	5	5	5	Yes	Improved conceptual understanding.
29	4	4	4	5	Yes	Excellent explanation with practical examples.
30	5	5	4	5	Yes	Very informative session.
31	5	5	4	4	Yes	Valuable learning experience.
32	4	5	4	4	Yes	Good industrial exposure.
33	4	4	5	4	Yes	Session was clear and engaging.
34	4	4	4	5	Yes	Valuable learning experience.
35	5	5	4	5	Yes	Well organized and interactive.

Prof. P. S. Tadkar
Faculty Advisor

Dr A V Mohod
Head

Department of Chemical Engineering



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Department of Chemical Engineering

RESQ COMPETITION CH-1

Date of Event: 28-29 September 2025

Venue: Class room No. 324, Department of Chemical Engineering

1. Introduction

The Department of Chemical Engineering organized the **ResQ (CH-1)** event under the American Institute of Chemical Engineers (AIChE) chapter on **28th and 29th September 2025** as part of departmental co-curricular activities. This event is an exciting, time-bound competition organized by our college to test students' analytical thinking, problem-solving skills, and general awareness.

2. Event Coordination

The event was successfully coordinated under the guidance of the department faculty. The student event coordinators were:

- Jayesh Marathe (BE)
- Sumit Kulkarni (TE)

Following total of 8 volunteers contributed to the smooth execution of the event:

Sr No	Name of the students	Class
1	Vaibhav Kurhade	BE
2	Janhavi Sambre	BE
3	Vidhi Patil	BE
4	Santoshi Sutar	TE
5	Abhishek Bhandari	SE
6	Amit Bhujbal	SE
7	Sagar Rasal	SE
8	Prathamesh pokale	SE

3. Objective

To encourage critical thinking, teamwork, and quick decision-making among students while testing their technical and general knowledge.

4. Rules and Regulations

Rules and Regulations

1. Team size will be of minimum 2 and maximum 3 students.
2. Entry fees Rs. 100/- per person.
3. The competition will be conducted in two rounds.
4. Judge's decision will be final.

Rules for each round:

- There will be two teams at a time which will enter the set-up room.
- They will be given the problem statement
- Once they receive the problem statement then the time will start
- After completion of 2 minutes any one team can use the power card (by a simple quiz).
- The teams must write their answers for the given problem statement within the given time.
- Judges will check the accuracy, creativity and depth of the solution.
- Each selected team will be given a separate problem statement and based on their time and effective solution the winner will be declared.

Judges for the RESQ Event

The following judges were appointed to evaluate the participants and ensure fair and unbiased assessment during the RESQ Event:

Day 1

1. **Aishwarya Bhalke** - Process Engineering, Thermax Limited, Chinchwad

Day 2

1. **Akshay Sonawane** - Senior Project Coordinator, Seva Sahayog Foundation
2. **Bhushan Sonawane** - Senior Project Coordinator, Seva Sahayog Foundation

The judges assessed the participants based on **problem-solving approach, creativity, teamwork, and presentation skills**. Their feedback was constructive and provided valuable guidance to the participants for further improvement.

5. Participation and Response

Around 66 Students from the **various Department** participated actively and demonstrated commendable enthusiasm throughout the event. Their participation reflected a deep interest in applying classroom knowledge to practical and creative problem-solving tasks. Students worked collaboratively, shared ideas effectively, and presented innovative solutions within the given constraints.

The overall response from the participants was very encouraging. They expressed that the event helped them improve their problem-solving approach, time management, and critical thinking

skills. The RESQ Event proved to be a valuable learning experience and successfully achieved its goal of fostering creativity and teamwork among students.

6. Outcomes and Learnings

The event served as a platform for students to display their **leadership, coordination, and organizational skills**. It also provided practical exposure in:

- Event design and ethical conduct.
- Creating brainstorming problem statements and rapid fire GK questions
- Resource management with limited budgets.
- Enhancing collaborative problem-solving and communication skills.

The prize winners for the ResQ event from 25 teams were,

Prize	Name of Students	Branch	Prize Amount
First	1. Siddhi Darwatkar 2. Sravani Pande 3. Niddhi Bhorke	E & TC Engineering	5000/-
Second	1. Diksha Chaudhari 2. Aniket More 3. Sarthak Phalke	Chemical Engineering	3000/-

8. Conclusion

The ResQ Competition (CH-1) event was successfully conducted with enthusiasm and commitment to applying theoretical knowledge in practical scenarios. The Event achieved its objectives of fostering innovation, collaboration, and holistic development among students, making it a valuable and enriching experience for all participants.

Few are the pictures below showing the ResQ setup and students participation.



**Inauguration of the Event by
Principal Dr. D. S. Bormane**



ResQ Team 2025



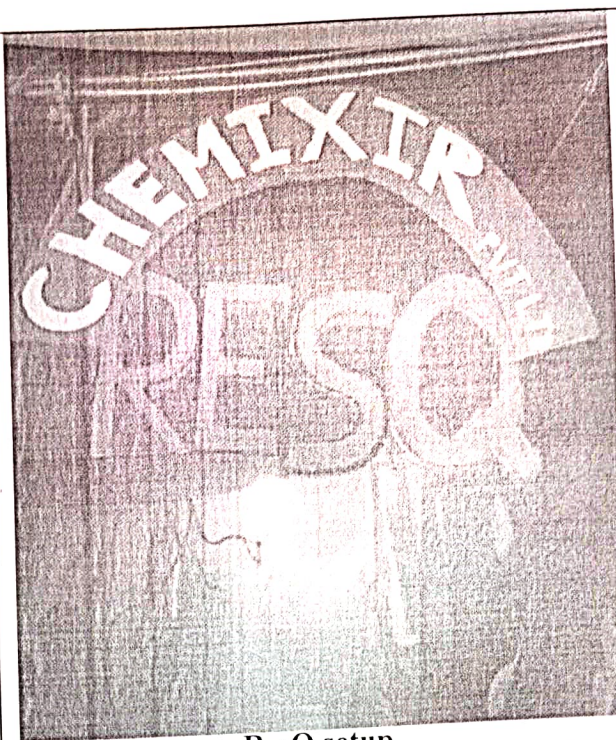
Giving Memento to Judges



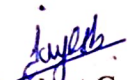
**Coordinator explaining Event Guidelines and
Rules to the Judges**



Students' participation



ResQ setup


Student Coordinator
Jayesh Marathe


Event Faculty Coordinator
Dr. M. B. Mane


ET Coordinator
Mrs. K. N. Bawankar


HOD
Dr. A. V. Mohod
Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.

Department of Chemical Engineering

AICHE Student Chapter, Department of Chemical Engineering, AISSMS COE, Pune

Organised a webinar on

Industrial Waste Water Treatment

REPORT:

Title of the Webinar	:	Industrial Waste Water Treatment
Resource Person	:	Dr Pankaj N Patil
Date of Conduction	:	12/10/2025
No of Students	:	38
Mode of Conduction	:	Online
Faculty Coordinator	:	Mr P S Tadkar
Student Coordinator	:	Yogeshwar Ingale

The AICHE Student Chapter of the Department of Chemical Engineering, AISSMS College of Engineering, Pune, successfully organized a webinar on “**Industrial Waste Water Treatment**” on 12th October 2025. The program was conducted with the objective of enhancing students’ understanding of wastewater management practices in industries and creating awareness about environmental sustainability and pollution control.

The session was conducted under the coordination of **Mr. P. S. Tadkar**, Assistant Professor and Faculty Coordinator of the AICHE Student Chapter. **Dr. Pankaj N. Patil**, a renowned professional with vast academic and industrial experience in the field of environmental engineering and wastewater treatment, was invited as the Resource Person.

Objectives of the Program

The primary objectives of organizing this webinar were:

- To provide fundamental knowledge of industrial wastewater treatment processes.
- To create awareness about environmental regulations and sustainable industrial practices.
- To familiarize students with physical, chemical, and biological treatment methods.

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- To highlight recent advancements in wastewater treatment technologies.
- To bridge the gap between theoretical concepts and industrial applications.
- To motivate students to explore career opportunities in environmental engineering and pollution control sectors.

Details of the Webinar

The webinar commenced sharply at **12:00 Noon** and concluded at **1:30 PM**, with the active participation of more than **50 students and faculty members**.

The session began with a formal welcome and a brief introduction of the resource speaker, highlighting his expertise and contributions in the field of wastewater treatment and environmental management.

Dr. Patil delivered a comprehensive and technically enriching presentation on the fundamentals and practical aspects of industrial wastewater treatment. He explained that industrial wastewater treatment involves the removal of physical, chemical, and biological contaminants from water generated during industrial processes before it is discharged into the environment or reused for industrial applications.

He elaborated on the major sources of industrial wastewater and the types of pollutants commonly present, such as:

- Heavy metals
- Toxic organic chemicals
- Oils and grease
- Suspended solids
- Acids and alkalis

The speaker provided a detailed explanation of various treatment methods:

1. Physical Treatment Methods

- Screening

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- Sedimentation
- Filtration
- Oil–water separation

2. Chemical Treatment Methods

- Chemical precipitation
- Coagulation and flocculation
- Neutralization
- Oxidation and reduction processes

3. Biological Treatment Methods

- Activated sludge process
- Trickling filters
- Aerobic and anaerobic digestion

Dr. Patil also discussed advanced and modern treatment technologies, including membrane filtration systems such as Reverse Osmosis (RO), Ultrafiltration (UF), and Nanofiltration (NF). He emphasized the importance of Zero Liquid Discharge (ZLD) systems and sustainable water reuse practices in industries.

Special emphasis was given to environmental regulations, discharge standards, and the importance of complying with pollution control norms to ensure environmental protection and sustainable industrial growth.

Interactive Session

The webinar included an interactive question–answer session, during which students actively raised queries related to:

- Design considerations of Effluent Treatment Plants (ETP)
- Cost implications of advanced treatment systems

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- Industrial case studies
- Challenges in handling hazardous wastewater
- Career prospects in environmental engineering

Dr. Patil patiently and clearly addressed all questions, making the session highly engaging, informative, and practically useful. The interaction encouraged students to think critically about environmental responsibilities in industrial operations.

Outcomes of the Program

The webinar successfully achieved the following outcomes:

- Students gained a strong conceptual understanding of industrial wastewater treatment processes.
- Participants became aware of environmental regulations and sustainability practices.
- Enhanced knowledge of conventional and advanced treatment technologies.
- Increased awareness about career opportunities in environmental and wastewater management sectors.
- Improved understanding of industrial challenges and real-world applications.

The session significantly broadened students' technical knowledge and strengthened their awareness of environmental protection and sustainable engineering practices.

Conclusion

The webinar on “Industrial Waste Water Treatment” proved to be highly informative, technically enriching, and practically relevant. The expert insights shared by Dr. Pankaj N. Patil helped students understand the importance of wastewater management in achieving sustainable industrial development. The program successfully fulfilled its objective of enhancing knowledge and promoting environmental responsibility among future chemical engineers.

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The webinar concluded with a vote of thanks delivered by a student coordinator, expressing sincere gratitude to the speaker, faculty coordinator, and all participants for contributing to the success of the event.

Acknowledgement

The Organizing Committee sincerely thanks **Dr. Pankaj N. Patil** for sparing his valuable time and sharing his expertise with the participants.

We extend our sincere thanks to **Mr. P. S. Tadkar**, Assistant Professor, Department of Chemical Engineering, for efficiently coordinating the webinar and liaising with the resource person.

We are grateful to **Dr. A. V. Mohod**, Head of the Department of Chemical Engineering, for his continuous support and guidance.

We deeply acknowledge the encouragement and support of our Hon. Principal, **Dr. D. S. Bormane**, for organizing this event.

We also thank the Hon. Secretary and the Management of AISSMS Society for their constant encouragement in conducting such academic and professional development activities.

Finally, we express our heartfelt gratitude to all the participants for their enthusiastic and attentive participation, which made the session meaningful and successful.

Prof. P. S. Tadkar

Faculty Advisor

AIChE AISSMS COE

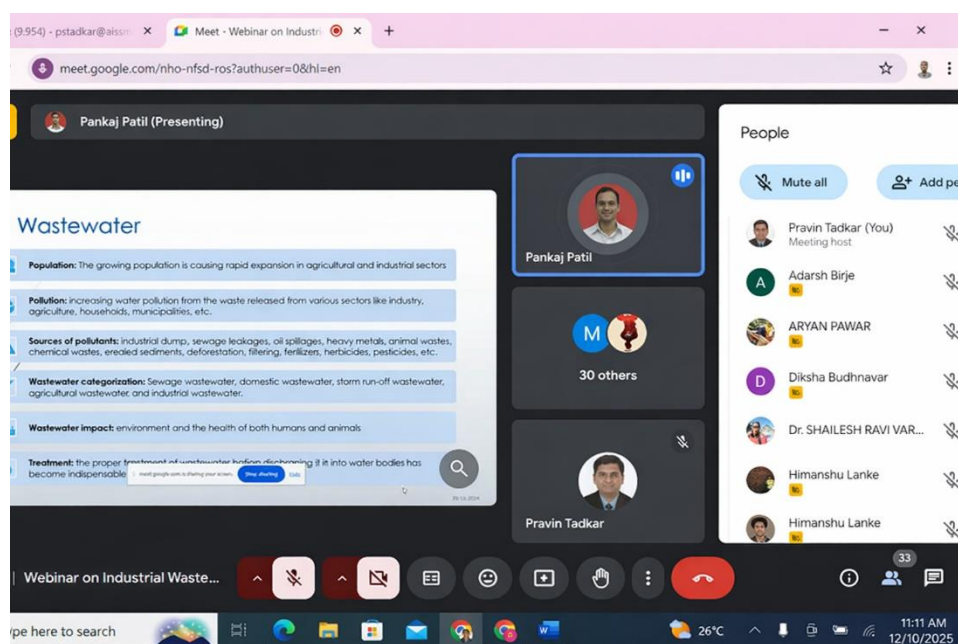
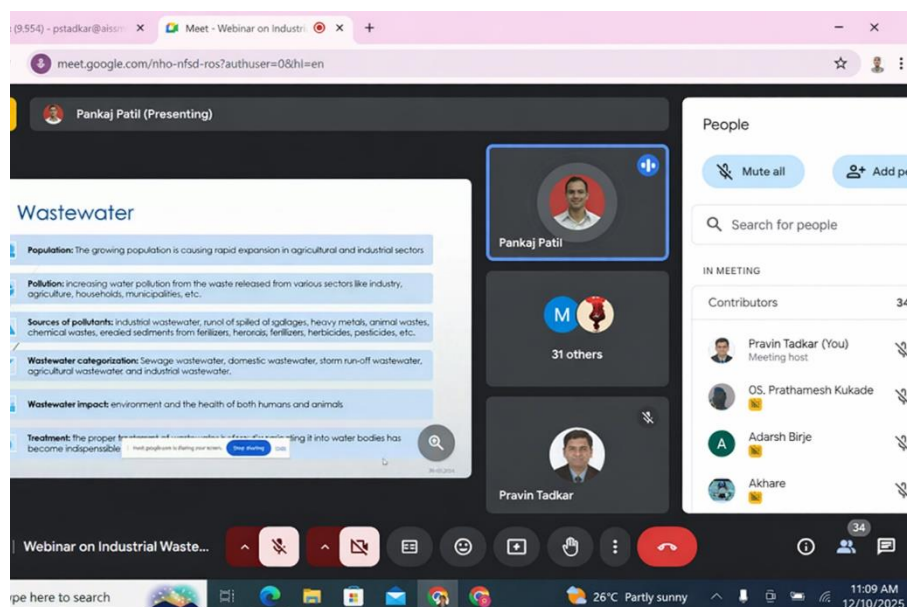
Dr A V Mohod

Head

AISSMS COE

Department of Chemical Engineering

Glimpses of the event:



Prof. P. S. Tadkar

Faculty Advisor

AIChE AISSMS COE

Dr A V Mohod

Head

AISSMS COE

Department of Chemical Engineering

Event Attendance:

1. Adarsh Birje
2. Anushka Kadam
3. Dr. Maya Balasaheb Mane
4. Gunamayee Palod
5. Kaveri Nivdunge
6. Krishna Swami
7. Kumar Gome
8. Makrand Naniwadekar
9. Mayur Tandalekar
10. Mrunal Gatkul
11. Om Pathak
12. PIYUSH DUDHE
13. Prathamesh Jadhav
14. Prathamesh Kukade
15. Pravin Tadkar
16. Priyanka Auti
17. Riddhima Choudhari
18. Rohit Korade
19. Samruddhi Suryavanshi
20. Sanskruti Ingale
21. Satyam Raut
22. Sfurti Kaduskar
23. Shantanu
24. Shruti Kothawade
25. Shubham Gore
26. Siddhant Dhoke
27. Siddhi Gunbharit
28. Sneha Karande
29. Srushti Joshi
30. Vaibhav Kurhade
31. Vaishnavi Rokade
32. Vidhi Patil
33. Vishu Londhe
34. Vivek Gadre
35. Yash Rajole
36. Yogeshwar Ingale
37. diksha Budhanavar
38. Kārtīk Ūmāṭē

Prof. P. S. Tadkar
Faculty Advisor
AIChE AISSMS COE

Dr A V Mohod
Head
AISSMS COE

Department of Chemical Engineering

Department of Chemical Engineering

AICHE Student Chapter, Department of Chemical Engineering, AISSMS COE, Pune

Organised a webinar on

Project Management

REPORT:

Title of the Webinar	:	Project Management
Resource Person	:	Mr Vivek Gadre
Date of Conduction	:	17/10/2025
No of Students	:	38
Mode of Conduction	:	Online
Faculty Coordinator	:	Mr P S Tadkar
Student Coordinator	:	Yogeshwar Ingale

The AIChE Student Chapter of the Department of Chemical Engineering, AISSMS College of Engineering, Pune, successfully organized a webinar on “**Project Management**” on 17th October 2025. The session was arranged with the objective of equipping students with fundamental and practical knowledge of project management principles and their application in industrial environments.

The webinar was conducted under the coordination of **Mr. P. S. Tadkar**, Assistant Professor and Faculty Coordinator of the AIChE Student Chapter. The invited Resource Person for the session was **Mr. Vivek Gadre**, Managing Partner, Napro Scientific, Pune, a distinguished professional with extensive industrial and managerial experience.

Objectives of the Program

The primary objectives of organizing this webinar were:

- To introduce students to the fundamentals and importance of project management in engineering and industrial sectors.
- To provide insight into structured planning, scheduling, and budgeting of projects.
- To familiarize participants with various phases of project management.

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- To highlight real-world industrial challenges and strategies for successful project execution.
- To create awareness about career opportunities in project management and related domains.
- To enhance students' managerial, organizational, and leadership perspectives.

Details of the Webinar

The webinar commenced sharply at **11:00 AM** and concluded at **12:30 PM**. The event witnessed the active participation of more than **30 students and faculty members**, reflecting keen interest in the topic.

The session began with a warm welcome and a brief introduction of the resource speaker, highlighting his professional achievements and industrial expertise.

Mr. Gadre delivered an insightful and comprehensive lecture covering both theoretical and practical dimensions of project management. He elaborated on:

- The significance of systematic project planning
- Effective scheduling techniques and time management
- Budgeting and cost estimation methods
- Risk identification and mitigation strategies
- Team coordination and leadership skills
- Monitoring, evaluation, and timely execution of projects

He explained the various phases of project management in a structured manner:

1. **Project Initiation** – Defining objectives, feasibility analysis, and stakeholder identification.
2. **Project Planning** – Developing detailed plans, timelines, budgets, and resource allocation.

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3. **Project Execution** – Implementing the planned activities while ensuring coordination among team members.
4. **Monitoring and Control** – Tracking progress, managing deviations, and ensuring quality standards.
5. **Project Closure** – Documentation, performance evaluation, and formal completion of the project.

Special emphasis was given to quality management, proper documentation, effective communication, and stakeholder coordination, which are critical factors in ensuring project success in industrial settings.

To make the webinar more engaging and relatable, Mr. Gadre shared real-life industrial case studies and practical examples from his professional experience. These examples helped participants understand how project management principles are implemented in actual industrial scenarios and how challenges are handled effectively.

Interactive Session

The webinar included an interactive question–answer segment, during which students actively raised queries regarding:

- Handling delays and budget overruns
- Managing multidisciplinary teams
- Tools and software used in project management
- Industrial execution challenges
- Career pathways and certifications in project management

The resource person addressed all questions clearly and encouraged students to develop strong communication, leadership, and analytical skills to excel in this domain.

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Outcomes of the Program

The webinar successfully achieved the following outcomes:

- Participants gained a clear understanding of the structured approach to project management.
- Students developed awareness about industrial expectations and execution challenges.
- Enhanced knowledge of planning, scheduling, budgeting, and risk management techniques.
- Increased interest among students in pursuing project management roles in engineering industries.
- Improved understanding of professional skills such as teamwork, communication, and leadership.

The session significantly broadened students' managerial perspective and emphasized the importance of project management skills in achieving professional success.

Conclusion

The webinar on "Project Management" proved to be highly informative, practical, and motivating. The expert insights shared by Mr. Vivek Gadre provided students with valuable exposure to industrial project execution and managerial responsibilities. The session successfully fulfilled its objective of enhancing students' understanding of project management concepts and their practical application in real-world scenarios.

The webinar concluded with a vote of thanks proposed by a student coordinator, expressing sincere gratitude to the speaker, faculty coordinator, and all participants for contributing to the success of the event.

Acknowledgment

Department of Chemical Engineering

The Organizing Committee sincerely thanks the invited speaker, **Mr. Vivek Gadre**, for sparing his valuable time and sharing his expertise and industrial insights with the participants.

We extend our sincere thanks to **Mr. P. S. Tadkar**, Assistant Professor, Department of Chemical Engineering, for efficiently facilitating the webinar and coordinating with the resource person.

We also express our heartfelt gratitude to **Dr. A. V. Mohod**, Head of the Department of Chemical Engineering, for his continuous support and guidance.

We deeply acknowledge the encouragement and motivation provided by our Hon. Principal, **Dr. D. S. Bormane**, which made this event possible.

We further thank the Hon. Secretary and the Management of AISSMS Society for their constant support in organizing such academic and professional development activities.

Finally, the organizers sincerely thank all the participants for their enthusiastic and attentive participation, which greatly contributed to the success of the session.

Prof. P. S. Tadkar

Faculty Advisor

AIChE AISSMS COE

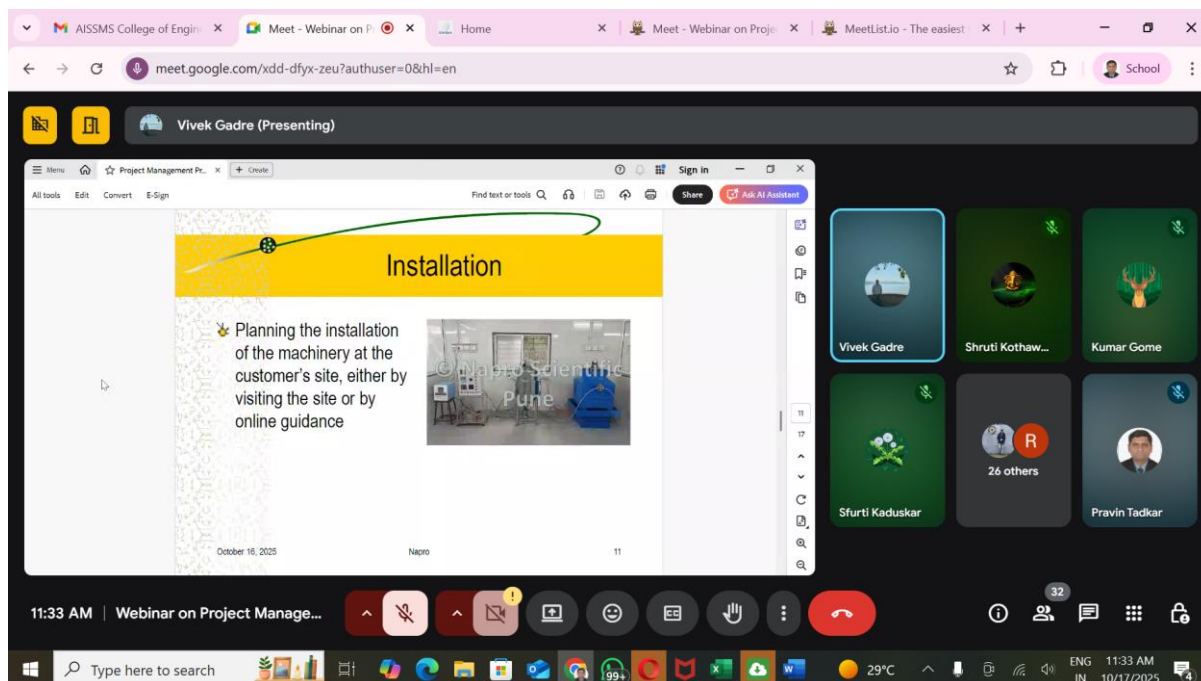
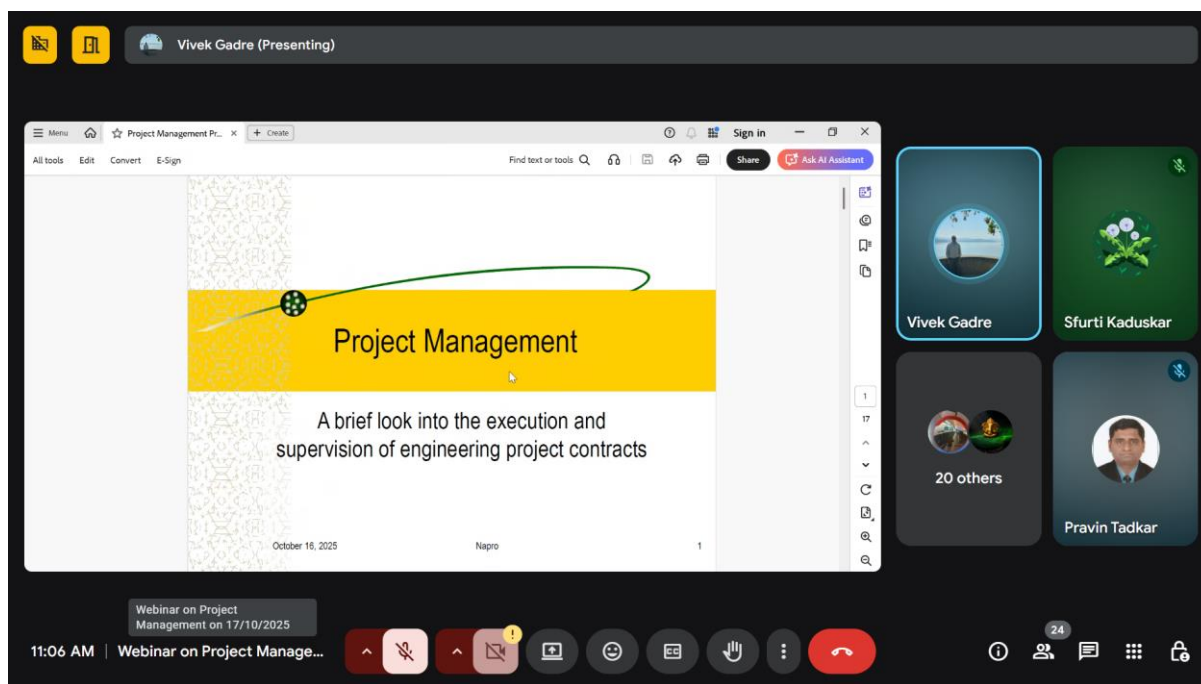
Dr A V Mohod

Head

AISSMS COE

Department of Chemical Engineering

Glimpses of the event:



Department of Chemical Engineering

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4. Gunamayee Palod
5. Kaveri Nivdunge
6. Krishna Swami
7. Kumar Gome
8. Makrand Naniwadekar
9. Mayur Tandalekar
10. Mrunal Gatkul
11. Om Pathak
12. PIYUSH DUDHE
13. Prathamesh Jadhav
14. Prathamesh Kukade
15. Pravin Tadkar
16. Priyanka Auti
17. Riddhima Choudhari
18. Rohit Korade
19. Samruddhi Suryavanshi
20. Sanskruti Ingale
21. Satyam Raut
22. Sfurti Kaduskar
23. Shantanu
24. Shruti Kothawade
25. Shubham Gore
26. Siddhant Dhoke
27. Siddhi Gunbharit
28. Sneha Karande
29. Srushti Joshi
30. Vaibhav Kurhade
31. Vaishnavi Rokade
32. Vidhi Patil
33. Vishu Londhe
34. Vivek Gadre
35. Yash Rajole
36. Yogeshwar Ingale
37. diksha Budhanavar
38. ऋतं उमातं

Prof. P. S. Tadkar
Faculty Advisor
AIChE AISSMS COE

Dr A V Mohod
Head
AISSMS COE

Department of Chemical Engineering

Feedback:

Sr. No.	Overall Rating (1-5)	Content Quality (1-5)	Speaker Effectiveness (1-5)	Usefulness of Session (1-5)	Would Recommend (Yes/No)	Remarks
1	5	5	5	4	Yes	Improved conceptual understanding.
2	5	4	4	4	Yes	Valuable learning experience.
3	5	5	5	5	Yes	Good industrial exposure.
4	5	5	5	4	Yes	Very helpful for career guidance.
5	4	4	4	4	Yes	Excellent explanation with practical examples.
6	4	4	4	5	Yes	Very informative session.
7	5	4	4	4	Yes	Session was clear and engaging.
8	5	5	5	4	Yes	Valuable learning experience.
9	5	4	4	5	Yes	Well organized and interactive.
10	4	5	4	5	Yes	Excellent explanation with practical examples.
11	4	5	5	4	Yes	Very informative session.
12	4	4	4	5	Yes	Very helpful for career guidance.
13	4	5	4	5	Yes	Session was clear and engaging.
14	5	4	5	5	Yes	Valuable learning experience. Gained good practical insights.
15	5	4	4	4	Yes	Improved conceptual understanding.
16	4	4	5	4	Yes	Improved conceptual understanding.
17	5	4	5	4	Yes	Improved conceptual understanding.
18	5	5	5	4	Yes	Highly useful and motivating.
19	5	5	4	5	Yes	Well organized and interactive.
20	4	4	4	4	Yes	Very helpful for career guidance.
21	5	4	4	4	Yes	Improved conceptual understanding.
22	4	5	5	5	Yes	Very helpful for career guidance.
23	4	5	4	4	Yes	Good industrial exposure.
24	5	4	4	4	Yes	Excellent explanation with practical examples.
25	5	4	5	5	Yes	Valuable learning experience.
26	5	5	5	5	Yes	Highly useful and motivating.
27	4	5	4	4	Yes	Very informative session.
28	5	4	4	4	Yes	Improved conceptual understanding.
29	4	5	5	4	Yes	Well organized and interactive.
30	4	4	4	5	Yes	Very informative session.
31	4	4	4	4	Yes	Well organized and interactive.
32	5	4	4	4	Yes	Very informative session. Gained good practical insights.
33	5	5	5	4	Yes	Improved conceptual understanding.
34	5	5	5	4	Yes	Well organized and interactive.
35	5	5	4	5	Yes	Very informative session. Gained good practical insights.

Prof. P. S. Tadkar
Faculty Advisor
AIChE AISSMS COE

Dr A V Mohod
Head
AISSMS COE

Department of Chemical Engineering



AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



AICHE STUDENT CHAPTER CHEMICAL ENGINEERING
DEPARTMENT AISSMS COE, PUNE

Organizing

**WEBINAR ON
PROJECT MANAGEMENT**

WITH :

MR. VIVEK GADRE
MANAGING PARTNER
NAPRO SCIENTIFIC, PUNE

Details

17th October, 2025
11:00AM – 12:00PM

JOIN NOW

[https://meet.google.com/
xdd-dfyx-zeu](https://meet.google.com/xdd-dfyx-zeu)



PROF. PRAVIN TADKAR
Faculty Co-Ordinator

DR. A V MOHOD
Head of Department

DR. D.S. BORMANE
Principal

Department of Chemical Engineering

NOTICE

Date: 06/10/2025

All the students of **SE, TE, and BE Chemical Engineering** are hereby informed that the **Department of Chemical Engineering, AISSMS College of Engineering, Pune**, is organizing a **webinar on 17/10/2025** on the topic **“Project Management .”**

The session will be delivered by **Mr Vivek Gadre**. All students are **instructed to attend the webinar without fail**.

HOD



Name of Program:	Social Visit at Ghar Sant Ishwar Foundation			Date:	02 nd November 2025
Event Coordinator:	Asst. Prof. H. L. Kamble and Asst. Prof. P. S. Tadkar				
Head of chemical Department:	Dr. A. V. Mohod				
No. of Participants:	Male	Female	Faculty	Staff	Total
			03	01	

1. Introduction

As part of its commitment towards social responsibility and holistic education, the Department of Chemical Engineering, AISSMS College of Engineering (AISSMS COE), Pune, in association with the National Service Scheme (NSS) and the AIChE Students Chapter, organized a social visit to *Sant Ishwar Foundation*, Pune. The visit was conducted on **02 November 2025** with the objective of sensitizing students towards social issues, community service, and inclusive development.

Sant Ishwar Foundation is a unique social organization managed by Army veterans, dedicated to providing shelter, care, education, and empowerment to marginalized sections of society. The foundation has developed an innovative concept called "*Ghar*", a specially designed seven-storey building that houses orphaned and marginalized girls, paralysed women, and

P S Tadkar

Prof P S Tadkar

AICHe Students
Chapter Coordinator



Prof. H L Kamble

Department
NSS Coordinator

A V Mohod

Dr A V Mohod

Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.



elderly citizens under one roof. This visit provided students with an opportunity to understand the importance of social integration, dignity of life, and sustainable community development.

2. Objectives of the Visit

The main objectives of the social visit were:

- To create awareness among students about social responsibility and community service.
- To understand the functioning of a socially inclusive and sustainable care model.
- To sensitize students towards the challenges faced by orphaned children, differently-abled women, and the elderly.
- To encourage students to contribute towards social welfare activities through NSS and AIChE initiatives.
- To bridge the gap between academic learning and real-life societal issues.

3. About Sant Ishwar Foundation

Sant Ishwar Foundation is a non-profit organization managed by Army veterans, reflecting discipline, dedication, and selfless service. The foundation's flagship initiative, "Ghar", is a thoughtfully planned seven-storey facility designed to provide a safe, nurturing, and dignified living environment for:

- Orphaned and marginalized girls
- Paralysed and differently-abled women
- Elderly citizens requiring care and companionship



Prof P S Tadkar

AIChE Students
Chapter Coordinator



Prof. H L Kamble

Department
NSS Coordinator



Dr A V Mohod

Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.



The foundation focuses not only on providing basic needs such as food, shelter, and healthcare, but also emphasizes **quality education, skill development, emotional well-being, and social mainstreaming**. By empowering residents through education and vocational training, the foundation aims to make them self-reliant and productive members of society while enhancing the quality of life of the elderly.

4. Details of the Visit

The social visit was organized on **02 November 2025** at Sant Ishwar Foundation, Pune. Faculty members of the Department of Chemical Engineering, along with NSS coordinators and AIChE Student Chapter representatives, accompanied the students.

Upon arrival, the team was warmly welcomed by the foundation's representatives, who briefed the students about the vision, mission, and daily functioning of the organization. Students were guided through the *Ghar* building, where they observed the well-planned infrastructure designed to cater to individuals of different age groups and physical abilities.

The foundation staff explained various facilities available within the building, including:

- Residential and medical care units
- Educational and study areas
- Skill development and vocational training centers
- Common dining and recreational spaces
- Elderly care and rehabilitation facilities

Prof P S Tadkar

AIChE Students
Chapter Coordinator



Prof. H L Kamble

Department
NSS Coordinator

Dr A V Mohod

Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.



5. Interaction and Learning Experience

One of the most impactful aspects of the visit was the interaction with the residents of Sant Ishwar Foundation. Students interacted with young girls pursuing their education, women undergoing rehabilitation, and elderly residents sharing their life experiences.

These interactions helped students understand:

- The importance of empathy, compassion, and social inclusion
- The role of education and skill development in empowering marginalized communities
- How structured support systems can transform lives
- The emotional and psychological needs of the elderly and differently-abled individuals

Students also learned about the various skill development programs conducted by the foundation, aimed at making residents financially independent and confident. The visit inspired students to reflect on their own responsibilities as educated citizens and future professionals.

6. Role of NSS and AIChE Students Chapter

The NSS unit and AIChE Students Chapter of AISSMS COE played a vital role in planning and executing the visit. Through this activity, both organizations reinforced their mission of nurturing socially responsible engineers.

Prof P S Tadkar

AIChE Students
Chapter Coordinator



Prof. H L Kamble

Department
NSS Coordinator

Dr A V Mohod

Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.



The visit aligned well with NSS objectives of community service and national development, while AIChE Students Chapter emphasized the broader role of engineers in addressing societal challenges beyond technical domains.

7. Outcomes of the Visit

The social visit achieved several positive outcomes:

- Enhanced social awareness and sensitivity among students
- Increased understanding of inclusive living and social empowerment models
- Motivation among students to participate in future social service activities
- Strengthened collaboration between the institute and social organizations
- Reinforced values of service, discipline, and compassion inspired by Army veterans managing the foundation

8. Conclusion

The social visit to Sant Ishwar Foundation on 02 November 2025 was a meaningful and enriching experience for students and faculty of the Department of Chemical Engineering, AISSMS COE, Pune. The visit successfully highlighted the importance of social responsibility, inclusive development, and human dignity.

P S Tadkar

Prof P S Tadkar

AIChE Students
Chapter Coordinator



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Department
NSS Coordinator

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Such initiatives play a crucial role in shaping socially conscious engineers who not only excel academically but also contribute positively to society. The Department, along with NSS and AICHE Students Chapter, looks forward to organizing more such activities in the future to strengthen the bond between education and social service.

Acknowledgement

The Department of Chemical Engineering, AISSMS College of Engineering, Pune, sincerely expresses its deep gratitude to **Sant Ishwar Foundation, Pune**, for granting permission to visit their premises and for their warm hospitality. We extend our heartfelt thanks to the **Army veterans and staff members** of the foundation for sharing their inspiring journey, valuable insights, and for providing meaningful interactions during the visit.

We also express our sincere thanks to the **Honourable Secretary and Management of AISSMS Society** for their constant support and encouragement in organizing such socially impactful activities. We are grateful to the **Principal, AISSMS College of Engineering**, and the college management for their continuous guidance and motivation.

Special appreciation is extended to the **NSS Coordinators, AICHE Students Chapter Faculty Advisors**, and all faculty members who planned, guided, and accompanied the students throughout the visit.

Finally, we acknowledge the enthusiastic participation, discipline, and sincere involvement of the students, which significantly contributed to the successful completion of this social visit.

Prof P S Tadkar

AICHE Students
Chapter Coordinator



Prof. H L Kamble

Department
NSS Coordinator

Dr A V Mohod

Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.



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List of Participants:

SN	Name of Students	SN	Name of Students
1		15	
2		16	
3		17	
4		18	
5		19	
6		20	
7		21	
8		22	
9		23	
10		24	
11		25	
12		26	

P S Tadkar

Prof P S Tadkar

AICHe Students
Chapter Coordinator



Prof. H L Kamble

Department
NSS Coordinator

Dr A V Mohod

Dr A V Mohod

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13		27	
14		28	

P S Tadkar

Prof P S Tadkar

AICHe Students
Chapter Coordinator



H L Kamble
Prof. H L Kamble

Department
NSS Coordinator

A V Mohod
Dr A V Mohod

Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.

INDUSTRIAL VISIT REPORT

Department of Chemical Engineering
AICHE Students Chapter

Industrial Visit to Mapro Foods Pvt. Ltd., Shendurjane

Date: 27 March 2026
Class: SE Chemical Engineering
Students: 45
Faculty: 6

1. Introduction

Industrial visits are an essential component of engineering education, providing students with exposure to real-world industrial environments. They help bridge the gap between theoretical knowledge and its practical implementation. Through such visits, students gain insights into industrial processes, plant operations, and management practices, which are crucial for their professional development.

2. Objectives of the Visit

The main objectives of the industrial visit were to provide practical exposure to students, understand the working principles of food processing industries, observe modern production and packaging techniques, and enhance their overall technical knowledge beyond classroom learning.

3. About the Company

Mapro Foods Pvt. Ltd. is one of the leading fruit processing companies in Western India. Established over 65 years ago, the company has built a strong reputation for producing high-quality fruit-based products such as syrups, jams, crushes, and beverages. Starting from a small unit in the Mahabaleshwar-Panchgani region, Mapro has grown significantly and now operates with an annual processing capacity of around 30,000 metric tons.

4. Details of the Visit

During the industrial visit, the students were systematically guided through the various operational sections of the plant, which provided them with a comprehensive understanding of the entire manufacturing process. The visit began with the **processing unit**, where students observed the transformation of raw fruits into pulp and subsequently into finished products such as syrups, crushes, and jams. They gained insights into key operations such as washing, sorting, pulping, filtration, and thermal processing. The application of fundamental chemical engineering principles like heat transfer, mass transfer, and fluid mechanics was clearly evident in these processes. Students also learned about the importance of maintaining quality at each stage, including raw material selection and controlled processing conditions.

The next segment of the visit was the **packaging unit**, which showcased advanced automation and high-speed production capabilities. Students witnessed fully automated packaging lines where bottles were filled, sealed, labeled, and packed with remarkable efficiency and precision. The integration of sensors, conveyors, and control systems demonstrated how modern industries achieve large-scale production while maintaining consistency and minimizing human intervention. The role of quality assurance and hygiene in packaging was also emphasized, ensuring that the final product meets industry standards and is safe for consumption. Overall, the visit to these units provided students with a holistic view of industrial operations, helping them connect theoretical concepts with real-world applications and enhancing their understanding of modern manufacturing practices.

5. Key Observations

Students observed that the plant maintained excellent hygiene and safety standards. The machinery used was highly advanced and capable of large-scale production. Quality control measures were strictly followed at every stage. The company ensures that its products remain affordable while maintaining high quality standards.

6. Learning Outcomes

The visit helped students understand real-time industrial operations and improved their knowledge of food processing techniques. It enhanced their awareness of safety, hygiene, and quality standards followed in industries. Students also gained insights into automation and modern manufacturing practices.

7. Conclusion

The industrial visit to Mapro Foods Pvt. Ltd. was highly informative and beneficial. It provided valuable exposure to students and helped them connect theoretical concepts with practical applications. Such visits play a crucial role in shaping skilled and competent engineers.

8. Vote of Thanks

The Department of Chemical Engineering and the AICHE Students Chapter express their sincere gratitude to Mapro Foods Pvt. Ltd., Shendurjane, for granting permission and facilitating the industrial visit.

We are highly thankful to the management and technical staff of Mapro for their warm welcome, valuable guidance, and for sharing their knowledge and practical insights with our students. Their cooperation and support made this visit highly informative and successful.

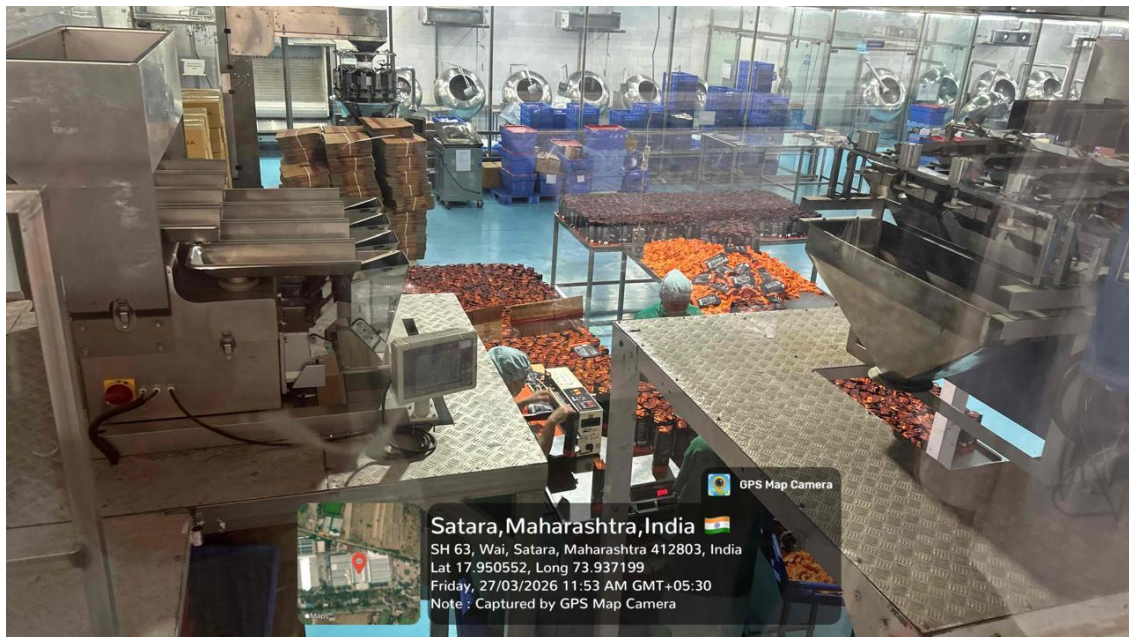
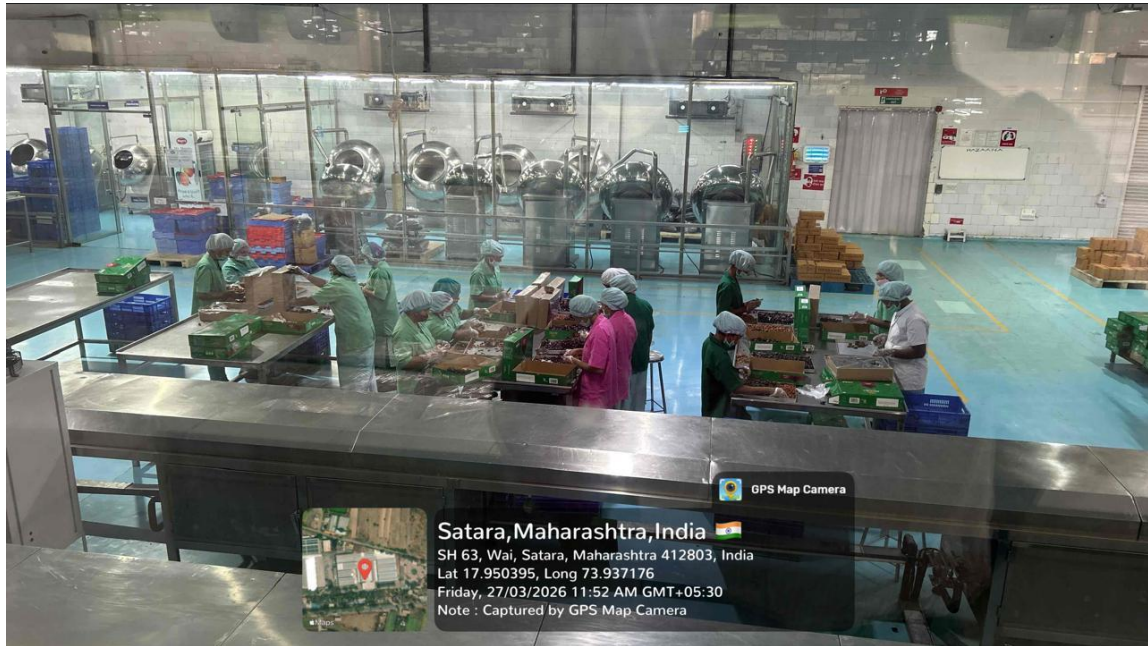
We extend our heartfelt thanks to the respected Principal and management of the institute for their continuous encouragement and support in organizing such academic activities.

We also appreciate the efforts of all faculty members who accompanied the students and ensured the smooth coordination of the visit.

Finally, we thank all the participating students for their enthusiasm, discipline, and active involvement, which contributed to the overall success of the industrial visit.

Glimpses







**Faculty Coordinator
Head**

Faculty Coordinator

SOCIAL VISIT REPORT

Department of Chemical Engineering
AICHE Students Chapter

Social Visit to Lohagad Fort

Date of Visit: 29th March 2026

Location: Lohagad, near Lonavala

Students: 18

Faculty: 05

1. Introduction

The Department of Chemical Engineering, in association with the AICHE Students Chapter, organized a social visit to Lohagad Fort on 29th March 2026. The visit aimed to provide students with an opportunity to explore historical heritage while encouraging teamwork, social bonding, and environmental awareness.

2. Objectives of the Visit

- To promote social interaction and team building among students
- To create awareness about heritage conservation
- To encourage physical fitness and outdoor activities
- To develop environmental responsibility through cleanliness initiatives

3. About Lohagad Fort

Lohagad Fort is one of the most prominent hill forts in Maharashtra, located near Lonavala. Known for its historical significance and scenic beauty, the fort stands at an elevation of approximately 1,033 meters above sea level. It has been a strategic military base in the past and is closely associated with the Maratha Empire.

The fort is well-known for its strong architecture, large gates, and the famous “Vinchu Kata” (Scorpion’s Tail), which offers breathtaking views of the surrounding landscape.

4. Activities Conducted

4.1 Trekking and Exploration

Students undertook a trek to reach the top of the fort. The trek provided an adventurous experience and encouraged teamwork as students supported each other throughout the climb.

4.2 Cleanliness Drive

As part of social responsibility, students actively participated in a cleanliness drive. They collected plastic waste and other litter along the trekking route and around the fort premises, contributing to environmental conservation.

4.3 Group Interaction and Awareness

Faculty members interacted with students, discussing the importance of preserving historical monuments and maintaining ecological balance. The visit also strengthened student-faculty bonding.

5. Observations

- The fort is surrounded by natural beauty with scenic landscapes and fresh air.
- Despite its historical importance, certain areas require better maintenance and cleanliness.
- Students showed great enthusiasm in participating in social and environmental activities.

6. Learning Outcomes

- Enhanced awareness about heritage conservation
- Development of teamwork and leadership skills
- Understanding the importance of environmental cleanliness
- Physical fitness and mental refreshment

7. Conclusion

The social visit to Lohagad Fort was a memorable and enriching experience for all participants. It successfully combined recreation with learning and social responsibility. Such visits play an important role in the overall development of students beyond academics.

8. Vote of Thanks

The Department of Chemical Engineering and AICHE Students Chapter express their sincere gratitude to all faculty members and students for their active participation and cooperation in making this social visit successful.

Special thanks to the organizing team for their efforts in planning and executing the visit smoothly. The enthusiasm and discipline shown by the students made the event truly meaningful.

List of Participants

SN	Name of Students	Class
1	Yoeshwar I	BE
2	Prathemesh J	BE
3	Vishwajeet L	TE
4	Adarsh Birje	TE
5	Mayuri D	TE
6	Shreya B	TE
7	Diksha B	TE
8	Siidhi Desasle	TE
9	Sayali Bhor	TE
10	Neha Tambe	TE
11	Priyanka A	TE
12	Vijay D	TE
13	Sneha K	TE
14	Shantanu D	TE
15	Shruti G	TE
16	Rutuja B	TE
17	D Bhor	SE
18	Om Pathak	SE

Glimpses



Faculty Coordinator

Faculty Coordinator

Head

Department of Chemical Engineering

Parents Meet Report

Name of Activity	:	Parents Meet
Date of Conduction	:	26/04/2026
No of Participants	:	23
Mode of Conduction	:	Online
Faculty Coordinator	:	Dr S B Ghugare
Student Coordinator	:	Yogeshwar Ingale

The AIChE Student Chapter, Department of Chemical Engineering, AISSMS COE Pune, organized an online “**Parents Meet**” on **26th April 2026**. The objective of the meeting was to foster a healthy Parent-Teacher interaction and to create a smooth, transparent, and efficient communication channel for the academic and overall development of students.

The session was presided over by **Dr. A. V. Mohod**, Head of the Department, who welcomed the parents and presented a comprehensive overview of the Department. His presentation covered the Department's **vision and mission, short- and long-term goals**, and highlighted the various **co-curricular and extracurricular activities** undertaken to ensure holistic student development.

Dr. Mohod also shared a **SWOC (Strengths, Weaknesses, Opportunities, and Challenges) analysis** of the Department.

- **Strengths** highlighted included:
 - High number of Ph.D. and Post-Doctoral qualified faculty members
 - Strong faculty retention
 - An established culture of academic research
- **Weaknesses** discussed:
 - Low placement rates among students
 - Limited R&D and consultancy projects
- **Opportunities** identified:
 - Faculty qualification enhancement

Department of Chemical Engineering

- Securing external research sponsorships
- Establishing Memorandums of Understanding (MoUs) with industries
- **Challenges** acknowledged:
 - Improving placements, particularly in core companies
 - Facilitating quality industrial training opportunities for students

Parent Feedback and Suggestions:

The meeting concluded with an interactive session where parents shared their suggestions for improving student outcomes:

1. Group Projects:

Parents suggested group projects if the project is big and work is more, so that students can share the work uniformly, while learning teamwork.

2. Internships:

Some parents suggested longer internships or internships in final year. Currently the internship is only allowed for one month during the vacation in third year.

The department expressed gratitude for the parents' active participation and assured them that their valuable suggestions would be considered for further action and improvement.

Vote of Thanks and Acknowledgment

Student coordinators delivered a heartfelt **Vote of Thanks**, expressing sincere appreciation to all those who contributed to the success of the event.

We are also grateful to **Dr. S. B. Ghugare**, Assistant Professor, Department of Chemical Engineering, for his pivotal role in organizing the session and for efficiently coordinating all aspects related to the event, ensuring its smooth execution.

A special note of appreciation is extended to **Dr. A. V. Mohod**, Head of the Department of Chemical Engineering, for his continuous support, visionary leadership, and encouragement throughout the planning and execution of the event.

We also express our heartfelt gratitude to our **Honorable Principal, Dr. D. S. Bormane**, for his steadfast support and motivation in fostering academic and developmental initiatives. Our sincere thanks go to the **Honorable Secretary** and the **Management of the AISSM Society** for their unwavering commitment to promoting educational and professional growth among students.

Department of Chemical Engineering

Lastly, we thank all the **parents and participants** for their attentive presence, valuable suggestions, and active engagement. Your participation played a vital role in the success of the Parents Meet, and we look forward to continued collaboration in shaping the future of our students.

Parents Meet Attendance

SN	Name of Parent	Name of Ward	Class
1	Amit Sangawar	Ananya Sangawar	SE Chem
2	Savita Vishnu Gome	Kumar Vishnu Gome	BE Chem
3	Gracy Noronha	Shawn Noronha	BE Chem
4	Anuradha Ubale	Diksha Ubale	TE Chem
5	Sarika Kaduskar	Sfurti Kaduskar	BE Chem
6	Pradip Vishnu Korade	Rohit Pradip Korade	BE Chem
7	Shreya Mahesh Joshi	Soumitra Mahesh Joshi	TE Chem
8	Boda Lavanya Chandrakant	Boda Shreya Chandrakant	TE Chem
9	Rajesh Madhav Dalvi	Priya Rajesh Dalvi	BE Chem
10	Ravsahab Budhnavar	Diksha Budhnavar	TE Chem
11	Vikas Bhujbal	Amit Bhujbal	SE Chem
12	Barendranath Bhunia	Sujit Bhunia	TE Chem
13	Manisha Pradip Ingale	Samruddhi Ingale	BE Chem
14	Shital Patil Gulve	Shruti Gulve	SE Chem
15	Prerana Korde	Rohit Korde	BE Chem
16	Ashwini Bhor	Dynaneshwari Bhor	SE Chem
17	Vishnu Gome	Kumar Gome	BE Chem
18	Kailash Rajole	Yash Rajole	BE Chem
19	Suresh Biradar	Renuka Biradar	SE Chem
20	Santosh Desale	Siddhi Desale	TE Chem
21	Kolpe Somnath	Aditya Kolpe	TE Chem
22	Kishor Mache	Sushant Mache	TE Chem
23	Vilas Dupare	Vijay Dupare	TE Chem

Department of Chemical Engineering

Glimpses of the Event

Parents Meet-2026

Organized by
Department of Chemical Engineering,
AIChE Students Chapter, AISSMS College of Engineering
26 April 2026

Welcome to all Parents

Dr. S.B. Ghugare
Faculty Co-ordinator

Dr. A.V. Mohod
Head of Department

Dr. D.S.Bormane
Principal

11:08 AM | dpb-rekg-tmc

Introduction of Department

Department Highlights

01-Post Doctorates
06-Ph.D. Faculty

3 Research Funds Received from IEL, UBA, SPPU

Ph.D. Research Center
04-Ph.D students Registered

Consultancy Rs. 25 Lakhs

EDS System donated by YESBE, Germany (Rs. 50 Laes)

22 Active MoUs signed with industries

Total 57 Research Publications (Last 5 years)

14 Patents, 02 Granted

Chemical Engineering Department

11:14 AM | dpb-rekg-tmc

Department Presentation in Progress

Dr. S B Ghugare
Faculty Coordinator



Dr. A V Mohod
Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.

Department of Chemical Engineering

Dear Parents,

Greetings from AISSMS College of Engineering, Pune 🧑🎓🧑🎓🧑🎓

We are pleased to invite you to the Online Parents Meet organized by the AIChE, Chemical Engineering Department.

 Date: Saturday, 26th April 2026

 Time: 11:00 AM to 1:00 PM

 Mode: Online via Google Meet

Join us for an interactive session with the faculty to discuss your ward's academic progress and departmental updates.

 Google Meet Link: <https://meet.google.com/dpb-rekg-tmc>

For any queries, feel free to reach out to:

 Yogeshwar Ingale – AIChE Student Co-ordinator

 Dr. Suhas Ghugare– Faculty Co-ordinator

Looking forward to your participation.

Warm regards,

Dr. A.V. Mohod

HoD, Chemical Engineering Dept.

AISSMS College of Engineering, Pune

Department of Chemical Engineering



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AIChE
The Global Home of Chemical Engineers

AISSMS College of Engineering, Pune Department of Chemical Engineering AIChE Student's Chapter Parents Meet

Sunday, 26 April 2026

At 11.00 AM - 1.00 PM

Online mode | GoogleMeet

<https://meet.google.com/dpb-rekg-tmc>



Scan Here

Join us for an online parents-teacher meeting on
26 April via Google meet platform

Priyanka Auti
AIChE President

Prof. P.S. Tadkar
AIChE Faculty Co-ordinator

Dr. S.B. Ghugare
Faculty Co-ordinator

Dr. A.V. Mohod
Head of Department

Dr. D.S. Bormane
Principal

Department of Chemical Engineering

AIChE Student Chapter, Department of Chemical Engineering, AISSMS COE, Pune

Organised a Farewell

REPORT:

Name of Activity	:	Farewell
Date of Conduction	:	08/05/2026
No of Participants	:	60
Faculty Coordinator	:	Mr P S Tadkar
Student Coordinator	:	Adarsh Birje, Vishwajeet Londhe, Priyanka Auti

On 08 May 2026, the Department of Chemical Engineering, in association with the AIChE Student Chapter, organized a memorable and heartwarming Farewell Ceremony to bid a fond farewell to the outgoing BE Chemical Engineering Batch 2025–26. The programme was held at AISSMS College of Engineering, Pune, and commenced at 1:00 PM in the presence of faculty members, staff, and students from both the Third Year (TE) and Final Year (BE) classes. The event served as a beautiful occasion to celebrate the achievements, friendships, and unforgettable experiences of the graduating students while wishing them success in their future endeavors.

The venue was elegantly decorated, creating a festive and welcoming atmosphere. The excitement and enthusiasm among the students were evident as everyone gathered to celebrate the remarkable journey of the graduating batch. The programme began with the lighting of the ceremonial lamp and a warm welcome by the student anchors, who greeted the dignitaries, faculty members, and students. Their thoughtful introduction highlighted the significance of the farewell ceremony and acknowledged the invaluable contribution of the graduating students to the department over the past four years.

The ceremony was graced by the esteemed presence of the distinguished faculty members and non-teaching staff. Their presence added grace and inspiration to the occasion. In their addresses, the dignitaries congratulated the graduating students on successfully completing an important milestone in their academic journey. They reflected on the students' achievements in academics, technical competitions, research activities, industrial visits, AIChE initiatives, cultural events,

Prof P S Tadkar

AIChE Students Chapter Coordinator

Dr. A V Mohod

Head

Department of Chemical Engineering

sports, and various co-curricular and extracurricular activities. The speakers encouraged the students to continue learning throughout their careers, uphold professional ethics, embrace innovation, and contribute meaningfully to society as responsible chemical engineers. Also, they appreciated the students' dedication, perseverance, teamwork, and enthusiasm throughout their academic journey. Their speeches were filled with words of encouragement, inspiring the students to confidently face future challenges and make the best use of the knowledge and values gained during their stay at AISSMS College of Engineering.

One of the most emotional highlights of the programme was the memory-sharing session by the BE students. Several graduating students came forward to express their heartfelt gratitude towards their teachers, mentors, laboratory staff, classmates, juniors, and the institution. They reminisced about their four-year journey—from attending their first lectures and practical sessions to completing challenging laboratory experiments, mini-projects, internships, industrial visits, project exhibitions, technical festivals, AICHE activities, cultural programmes, farewell preparations, and placement drives. They fondly recalled the friendships they built, the guidance they received from faculty members, and the countless moments of learning, fun, and personal growth that shaped them into confident professionals. Their emotional speeches reflected the deep attachment they had developed with the department and the institution.

Adding further excitement to the celebration, the programme included interactive activities and fun-filled moments that strengthened the bond between the juniors and seniors. The lively atmosphere, filled with laughter and applause, created lasting memories for everyone present. The TE students expressed their appreciation and admiration for their seniors through thoughtful words and well-planned arrangements, making the graduating batch feel truly special.

As a token of love, gratitude, and remembrance, each graduating student was presented with a gift from the Department of Chemical Engineering and the AICHE Student Chapter. The students accepted the gifts with pride and gratitude, making the moment both memorable and emotional.

The celebration continued with group photographs involving students, faculty members, and staff. These photographs captured the joy, emotions, and togetherness shared by everyone and will remain cherished memories for years to come. Informal interactions between faculty members, juniors, and graduating students provided an opportunity to relive memorable

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Head

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incidents, exchange best wishes, and strengthen the lifelong bond shared within the Chemical Engineering family.

The programme concluded with a heartfelt Vote of Thanks delivered by a representative of the TE Chemical Engineering batch. The speaker expressed sincere gratitude to the Head of the Department for her visionary leadership, continuous encouragement, and unwavering support in organizing the event. Special appreciation was extended to the Principal for his constant motivation and for fostering an academic environment that encourages excellence in education, research, innovation, and holistic student development. The AISSMS Society was also gratefully acknowledged for providing excellent infrastructure, institutional support, and numerous opportunities that contribute to the academic and professional growth of every student.

The Vote of Thanks further acknowledged the dedicated efforts of all faculty members, non-teaching staff, the AIChE Student Chapter, student volunteers, organizers, and every individual whose cooperation and commitment ensured the successful execution of the farewell programme. The graduating students were thanked for their valuable contributions to the department and were wished a future filled with success, happiness, and professional excellence.

The Farewell Ceremony was much more than a formal goodbye—it was a celebration of friendship, learning, achievements, cherished memories, and new beginnings. It beautifully reflected the strong bond between students and faculty that defines the Department of Chemical Engineering. As the graduating students step into the next phase of their professional and personal lives, the Department of Chemical Engineering and the AIChE Student Chapter extend their heartfelt congratulations and best wishes. May they continue to achieve excellence, uphold the values of the institution, and make meaningful contributions to the field of Chemical Engineering and society at large.

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Dr. A V Mohod

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Glimpses of the Event:



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AIChE Student Chapter, Department of Chemical Engineering, AISSMS COE, Pune

Organised a webinar on

Heat Exchanger Design

REPORT:

Title of the Webinar	:	Heat Exchanger Design
Resource Person	:	Dr Pankaj N Patil
Date of Conduction	:	09/05/2026
No of Students	:	48
Mode of Conduction	:	Online
Faculty Coordinator	:	Mr P S Tadkar
Student Coordinator	:	Dnyaneshwari Bhor

The AIChE Student Chapter, Department of Chemical Engineering, AISSMS COE Pune, organised a webinar on “Heat Exchanger Design” on 9th May 2026, where a great professional personality with a vast knowledge and experience Dr Pankaj N Patil was invited as a resource person, the webinar was organised by Faculty Coordinator Mr P S Tadkar. The webinar was started sharp at 03:00 pm noon which lasted till 04:30 pm and about more than 90 participants attended the webinar.

The webinar commenced with a warm welcome and the formal introduction of the esteemed resource speaker, Dr. Pankaj N. Patil. Dr. Patil, a renowned expert in the field of thermal engineering, began his session by presenting a concise yet comprehensive introduction to the fundamental concept of **heat transfer**. He explained its significance in various engineering applications and highlighted the role it plays in the efficient functioning of thermal systems.

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Following the introduction, Dr. Patil transitioned into a detailed discussion on **heat exchangers**, which are critical components in many industrial systems. He provided an in-depth explanation of the **basic structure and working principles** of heat exchangers, making the topic accessible even to those with limited prior knowledge. He then categorized and described the **various types of heat exchangers**, such as **shell and tube, plate, finned tube, and air-cooled heat exchangers**, outlining their unique characteristics, advantages, and the specific scenarios in which each type is most effective.

Dr. Patil also shed light on the **real-world applications** of heat exchangers across different industries, including power generation, chemical processing, refrigeration and automotive engineering. This helped participants understand how theoretical concepts translate into practical use.

One of the key highlights of his session was a thorough explanation of the **industrial design process** for heat exchangers. He discussed the key parameters involved in design calculations, such as thermal conductivity, flow arrangement, heat transfer coefficients, pressure drop considerations, and material selection. Dr. Patil emphasized the importance of balancing efficiency, cost, and operational reliability during the design phase.

Throughout the presentation, Dr. Patil used **diagrams, real-life case studies, and examples** to enhance understanding and engagement. His clear and methodical approach to explaining complex topics made the session highly informative and beneficial, especially for students and professionals looking to deepen their knowledge in heat transfer and thermal systems.

To ensure that the participants had a clear understanding of the topic, the session concluded with an interactive Q&A segment. During this time, students actively engaged with the resource person by presenting their queries and seeking further clarification on the subject matter. The

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interaction fostered an open and dynamic learning environment, making the session both informative and engaging. Dr. Pankaj N. Patil addressed each question with clarity and depth, providing insightful answers that enriched the overall learning experience. It was truly an interactive, valuable, and beneficial session for all attendees.

Vote of Thanks and Acknowledgment

As the webinar drew to a close, one of our student coordinators took the opportunity to extend a heartfelt *Vote of Thanks*. Gratitude was expressed towards our distinguished invited speaker for sharing his valuable time and expert insights, which greatly enriched the session. The coordinator also acknowledged the efforts of the faculty coordinators and appreciated the active participation of all attendees.

The Organizing Committee sincerely thanks the invited speaker for his generous contribution and insightful presentation. We extend our gratitude to **Mr. P. S. Tadkar**, Assistant Professor, Department of Chemical Engineering, for his pivotal role in facilitating the webinar and coordinating with the speaker. We are especially thankful to **Dr. A. V. Mohod**, Head of the Department of Chemical Engineering, for his continuous support, valuable guidance, and encouragement throughout the organization of this event.

We are deeply grateful to our **Honourable Principal, Dr. D. S. Bormane**, for his unwavering support and motivation in promoting such academic initiatives. Our sincere thanks also go to the **Honourable Secretary and the Management of the AISSM Society** for their ongoing support and commitment to fostering educational and professional development programs.

Finally, the organizers extend a profound thank you to all the participants for their attentive presence and active engagement, which played a key role in making the webinar a success.

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Glimpses of the event:

9 True temperature difference

$\Delta T_m = F_t \Delta T_{LMTD}$

The correction factor (F_t) is a function of the shell and tube fluid temperatures, and the number of tube and shell passes.

$R = \frac{T_1 - T_2}{t_2 - t_1}$ $S = \frac{t_2 - t_1}{T_1 - t_1}$

$F_t = \frac{\sqrt{(R^2 + 1)} \ln \left(\frac{(1 - S)}{(1 - RS)} \right)}{(R - 1) \ln \left(\frac{2 - S(R + 1 - \sqrt{(R^2 + 1)})}{2 - S(R + 1 + \sqrt{(R^2 + 1)})} \right)}$ $R = \frac{(T_1 - T_2)}{(t_2 - t_1)}$ $S = \frac{(t_2 - t_1)}{(T_1 - t_1)}$

$\Delta T_m = F_t \Delta T_{LMTD} = 0.85 \times 31 = 26^\circ \text{C}$

3:33 PM | eha-kmqf-pai

11 Step 4: Calculate number of tubes and shell diameter

- Provisional area $A = \frac{Q}{U \Delta T_m} = \frac{4340 \times 10^3}{600 \times 26} = 278 \text{ m}^2$
- Choose 20 mm o.d., 16 mm i.d. and 4.8 m long tubes
- Allowing for tube-sheet thickness, take tube length: $L = 4.83 \text{ m}$
- Surface area of one tube $A = \pi D L = 4.83 \times 20 \times 10^{-3} \pi = 0.303 \text{ m}^2$
- No. of tubes $\text{Numbers of tubes} = \frac{\text{Total outside surface area of tubes (Provisional area)}}{\text{Outside surface area of one tube}} = \frac{278}{0.303} = 918$

3:37 PM | eha-kmqf-pai

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AISSMS
COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय
An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



**AIChE Student Chapter Chemical Engineering
Department AISSMS COE, Pune**

**Organizing
WEBINAR ON HEAT EXCHANGER**

Speaker

DR. PANKAJ N. PATIL

SR. MANAGER

PRAJ INDUSTRIES LTD. PUNE

Details

9TH MAY 2026

3 PM - 4PM



SCAN TO JOIN MEETING



PROF. PRAVIN TADKAR

FACULTY CO-ORDINATOR

DR. D.S. BORMANE

Principal

DR. A V MOHOD

HOD

DNYANESHWARI

BHOR
Student co-ordinator

Prof P S Tadkar

AIChE Students Chapter
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Head

Department of Chemical Engineering

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