



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated with
Savitribai Phule Pune University

Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes



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



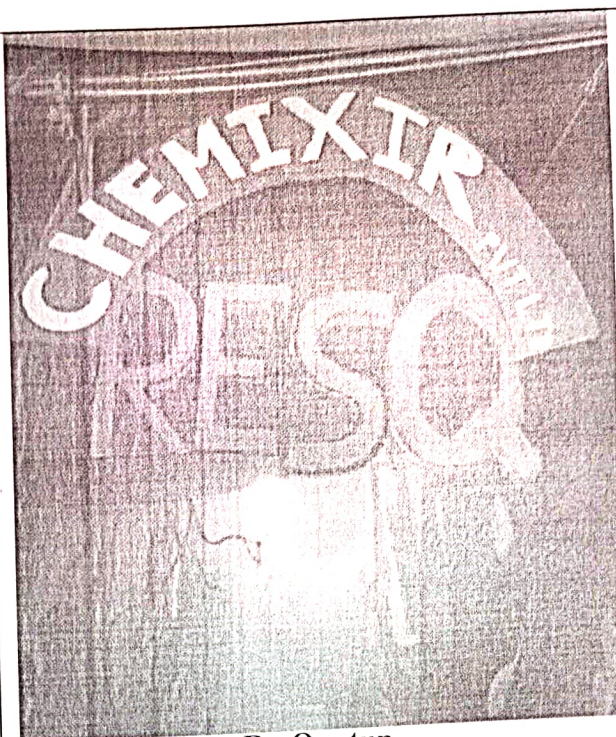
Giving Memento to Judges



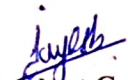
**Coordinator explaining Event Guidelines and
Rules to the Judges**



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.



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Department of Chemical Engineering

ET 2025 (29 September – 30 September)

Report on FlowQuest Event

The Flow Quest event was successfully organized under the IChE chapter as part of Engineering Today 2025, coordinated by Event Faculty Coordinator Dr. S. Sharma and Student ET Coordinator Sfurti Kaduskar under the guidance of ET Coordinator Mrs. Kanchan Bawankar. The event was inaugurated by our respected Head of Department (HOD), Dr. A. V. Mohod, who motivated the students for the participation in all events and to carry out the events in a smooth and peaceful manner.

The event was conducted over two days, from 29th September to 30th September 2025 at Classroom 333, with enthusiastic participation from students across First, Second, Third, and Final year. A total of 77 students from all the departments of AISSMSCOE and other institutes of Pune actively participated in the competition.

Objective

The main objective of Flow Quest was to encourage students to:

- Enhance their problem-solving and analytical thinking skills.
- Foster teamwork and collaborative learning.
- Apply theoretical knowledge to practical and logical challenges.

Event Details

Day 1 (29th September 2025)

Round 1: Complete the Reactions

- Both teams were shown an incomplete chemical reaction on the screen.
- A container of shuffled reactants, products, and byproducts was provided.
- Each team had to arrange and place the correct elements/compounds into the reaction.
- The team completing the reaction correctly and first was awarded points.

This round tested students' knowledge of chemical reactions, accuracy, and quick thinking.

Day 2 (30th September 2025)

Round 2: Complete the Flow Sheet

- A flow sheet with missing equipment was displayed.
- Each missing spot was accompanied by a description or function.
- Teams received jumbled equipment cards.
- Teams had to correctly pick and place the equipment in the flow sheet.
- The first team to correctly complete **two flow sheets** was declared the winner of this round.

This round focused on students' **understanding of process equipment and application of chemical engineering concepts**.

Winners

After a competitive and engaging two-day contest, the following teams emerged as winners:

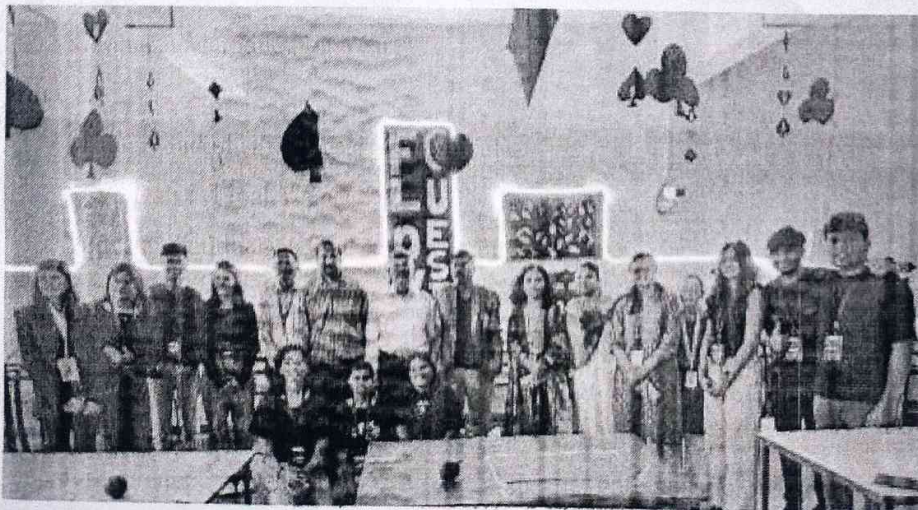
- **Winner 1:**
 1. Siddhi Desale (3rd Year- Chemical)
 2. Parth Lad (1st Year)
 3. Siddharth Memane (1st Year)
- **Winner 2:**
 1. Mrunal Gatkul (Final Year - Chemical)
 2. Priya Dalvi (Final Year- Chemical)
 3. Yogesh Chaudhary (Final Year- Chemical)

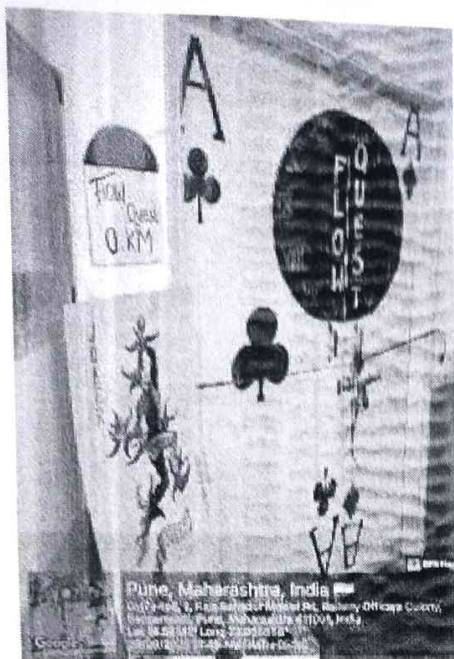
Conclusion

The event witnessed an overwhelming response from students, with vibrant participation and healthy competition. It not only enhanced students' **technical knowledge and problem-solving skills** but also encouraged **teamwork and time management**.

The presence and guidance of the HOD, along with the enthusiastic involvement of students, contributed greatly to the success of the Flow Quest event.

Some glimpses of the event and participants are attached along with this report.





Shreyam
Student Coordinator

Bulw
Event Faculty Coordinator

K N Bawankar
ET Co-ordinator

A
7-11-21
HOD
Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE



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Department of Chemical Engineering ET 2025 (29 September – 30 September) Report on LABXSCAPE COMPETITION CH-2

The Department of Chemical Engineering organized the **LabXscape (CH-2)** event under the Institution of Engineers India (IEI) chapter on **28th and 29th September 2025**. The event was conducted by faculty coordinator Dr. S. R. Varade and Student ET Coordinator SfurtiKaduskar under the guidance of ET Coordinator Mrs. Kanchan Bawankar. The event was inaugurated by respected Shri Pritam Ganjewar (Founder & CMD – Pritam Group of Companies, Pritomatic Technologies India Pvt Ltd), along with Shri Ajay Patil (Hon. Treasurer, AISSM Society), Adv. Shri Bhagwanrao Salunkhe (Chairman, Managing Committee), Dr. D. S. Bormane (Principal, AISSMS COE), and Dr. Ashish V. Mohod (Head of Department of Chemical Engineering) who motivated the students for the participation in all events and to carry out the events in a smooth and peaceful manner.

The event was conducted over two days, from 29th September to 30th September 2025 at Mass Transfer Classroom, with enthusiastic participation from students across First, Second, Third, and Final year. A total of 180 students from all the departments of AISSMSCOE and other institutes of Pune actively participated in the competition.

Objective of the Event

The primary objective of LabXscape was to test students' **analytical thinking, problem-solving ability, and attention to detail** through a series of clues and riddles placed within the laboratory environment. The event also aimed to:

- Encourage teamwork and time management under pressure.
- Strengthen students' observation and reasoning skills.
- Foster creativity through the design of clues and resource utilization.
- Provide a fun yet educational experience related to laboratory concepts.

Event Coordination

The event was successfully coordinated under the guidance of the department faculty. The **student event coordinators** were, Mr. Krishna Swami (B.E.) and Mr. Pratham Dhage (B.E.). A total of **13 volunteers** contributed to the smooth execution of the event: Nihanshu Tambe (B.E), Kartik Mothe (T.E), Kaveri Nivdunge (S.E), Vaishnavi Patil (S.E), Joyce Ruptakke (S.E), Karan Pawar (S.E), Rudraksh Sangvikar (S.E), Ravindrasingh Rathod (S.E), Om Parit (S.E), Ayush Lende (S.E), Sagar Patil (S.E), Vaishnavi Bhanwase (S.E), and Shantanu Diggikar (T.E).



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Event Details

1. Each team comprised a **minimum of 2 and a maximum of 3 members**.
2. **Entry fee:** Rs 100 per participant.
3. The competition consisted of **two rounds**.
4. The **judge's decision was final** in all matters.

Day 1 (29 September): Riddle Solving

- Participants received a **riddle or QR code** that hinted at a specific **laboratory equipment or chemical**.
- Teams had to identify and locate the item within the lab and place it on the master's table.
- Teams completing the task in the shortest time qualified for Round 2.

Day 2 (30 September): Advanced Riddle Solving

- Conducted among the winners of Round 1.
- Teams solving the maximum number of riddles correctly were declared winners.

The event aimed to engage students in an **innovative and intellectually stimulating challenge, combining technical knowledge, logical reasoning, and teamwork** in a laboratory-based escape-style competition.

Winners

After a competitive and engaging two-day contest, the following teams emerged as winners for the LabXscape event:

1 st Prize	PruthvirajBhore Rudra shelke Ryan thomas
2 nd Prize	Neelmadhav mundhada Arijeet Patil Richie Thomas

Conclusion

The **LabXscape Competition (CH-2)** was conducted smoothly and successfully, reflecting the department's commitment to nurturing creativity and technical excellence among students. The event not only enhanced the participants' analytical and teamwork abilities but also strengthened their engagement with core chemical engineering laboratory practices in an enjoyable and competitive manner.

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



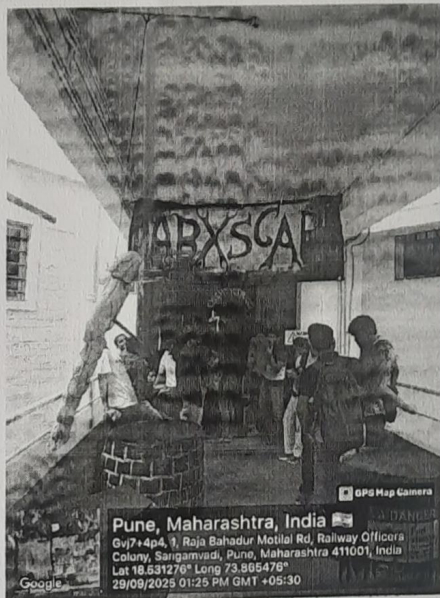
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[Signature]
27/10/21
Student Coordinator

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Event Faculty
Coordinator

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KND
K. N. Bavankar
ET Co-ordinator

[Signature]
HOD
Head
Deptt of Chemical Engg.
AISSMS, COE, PUNE-01.