



AISSMS

COLLEGE OF ENGINEERING

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DEPARTMENT OF CHEMICAL ENGINEERING

Engineering Today-2024 Report

CHEMIXIR (Dept. of Chemical Engg.)

The inauguration of the CHEMIXIR, Dept. of Chemical Engg., ET-2024 was done in room number 306 at the hands of Dr. M Y Naniwadekar, Head, Department of Chemical Engineering at 12:30 pm on 26 September 2024. The Department of Chemical Engineering hosted three technical events, which were conducted successfully by the respective event coordinators. Various students from Pune and other regions participated in these events. The detailed summary of the events is given below.

S. N.	Name of Event	Event Code	No of Participants				Total Participants
			State Level	National Level	Participants from Pune	Participants from AISSMS	
1	Dolphin Tank Competition	CH-1	5	0	1	15	21
2	Poster Competition	CH-2	7	0	10	14	31
3	Treasure Deal	CH-3	0	0	4	68	72
TOTAL							124



Inauguration of the CHEMIXIR, Dept. of Chemical Engg., ET-2024 (26/9/2024)

Following are the detailed event reports:



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DEPARTMENT OF CHEMICAL ENGINEERING

AISSMS Engineering Today-2024

DOLPHIN TANK COMPETITION

Date: October 03, 2024

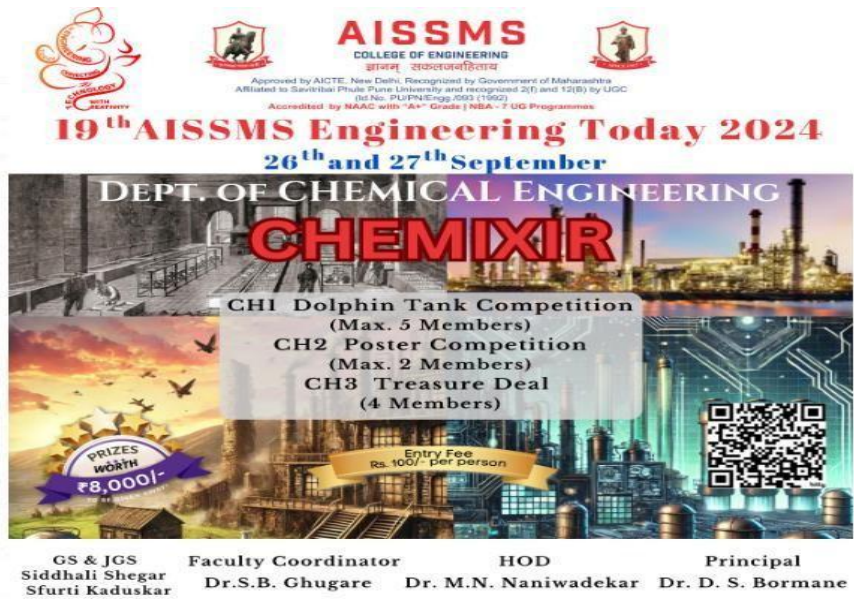
Name of The Event	Dolphin Tank Competition (CH-1)
Date and Time	27/09/2024; 11:00 to 16:00
Venue	Room No 333, Department of Chemical Engineering AISSMS COE Pune-01
No of Participants	26
Name of The Winner	First Prize: Shivam Satyawar Madrewar, Ganesh Subhash Chandankar and Siddhali Shegar, RCSM College of Agriculture, Kolhapur Second Prize: Samruddhi Suryavanshi, AISSSM COE Pune-01
Students Coordinator	Mr.Kanak Oswal (BE Chem) Mr.Aryan Pawar (BE Chem)
Faculty Coordinator	Prof. P.M. Warke and Prof. (Mrs.) K. N. Bawankar, Assistant Professor, Department of Chemical Engineering, AISSSM COE Pune-01
Judges of Event	Mr. Anant Wavare, Managing Director of Chandan Tech Solutions Pvt. Ltd., Pune and Ms. Sarika Sahasrabudhe Director, Fluid Technics, Pune

The Department of Chemical Engineering, AISSMS COE, Pune organized an event called Dolphin Tank under AISSMS Engineering Today-2024 'CHEMIXIR', a National level Symposium & Exposition for Students on September 27, 2024, 11.00 am- 4.30 pm. Prof. P.M. Warke and Prof. (Mrs.) K. N. Bawankar, Faculty Coordinators coordinated the whole Event. The event was graced by the presence of two esteemed Judges, Mr. Anant Wavare, Managing Director of Chandan Tech Solutions Pvt. Ltd., Pune and Ms. Sarika Sahasrabudhe Director, Fluid Technics, Pune. Mr.Kanak Oswal, Mr.Aryan Pawar played an important role as the Student Coordinators, introducing the Judges to the Participants of the Competition.

The Competition involved teams of 1 to 5 students, with an entry fee of Rs. 100/- per participant. It was held in two rounds, and the both Judges' decisions were final. The first round involved the submission of start-up/ business/innovative project ideas via a GoogleForm. Shortlisted participants were then created a presentation, optionally including a working model, to present to a panel of two Judges who were invited from Industries or R&D Organizations. In the second round, the finalists pitch their refined ideas to a panel of experienced investors, called "Dolphins."These investors assessed the presentations based on criteria such as innovation, viability, scalability, and profitability. Winners and runners-up were chosen based on the interest and investments secured from the dolphins.

Both Judges brought their extensive industry experience to the table, providing insightful feedback and thoughtful evaluations. Their expertise greatly contributed to the success of the event, offering participants valuable guidance and fostering an atmosphere of learning and innovation.

The Program has been organized successfully and ended at about 4:30 pm by vote of thanks for Participants, Volunteers, Judges and Attendee, Student Coordinators and Faculty Coordinators, AISSMS Engineering Today Coordinators at College and Department level, HOD, Principal and the Management of the College for successful organization of the Event.



19th AISSMS Engineering Today 2024
26th and 27th September
DEPT. OF CHEMICAL ENGINEERING
CHEMIXIR
CH1 Dolphin Tank Competition (Max. 5 Members)
CH2 Poster Competition (Max. 2 Members)
CH3 Treasure Deal (4 Members)
PRIZES WORTH ₹8,000/-
Entry Fee Rs. 100/- per person

GS & JGS Faculty Coordinator **HOD** **Principal**
Siddhali Shegar **Dr. S.B. Ghugare** **Dr. M.N. Naniwadekar** **Dr. D. S. Bormane**
Sfurti Kaduskar

ET CHEMIXIR Poster (22/09/2024)



Arrival of Judges from Industry for the Competition “Dolphin Tank”
(27/09/2024)



Inauguration of the Event by the auspicious hands of two Judges (27/09/2024)



Presentation by Participants (27/09/2024)



Presentation by Participants (27/09/2024)

Event Outcomes:

All the students gained immense knowledge in various technical/non-technical fields due to a variety of presentations given by participants and all the new ideas were innovative in their own ways, inspiring the students to take more efforts and participate in the competition.

Students gained skills such as entrepreneur skills, team work and Social Work thus encouraging students to think out of the box. Engineering involves a range of skills essential for tackling complex challenges. It starts with problem analysis to identify solutions, followed by designing and developing innovative approaches using modern tools. Engineers prioritize sustainability and ethics while

collaborating effectively in teams. Clear communication is vital for stakeholder engagement, and strong project management and financial skills ensure timely and budget-friendly delivery. A dedication to lifelong learning allows engineers to adapt to new technologies and continuously enhance their expertise.

Thus all the Programs Outcomes (PO's) and all Program Specific Outcomes (PSO's) related to B.E Chemical Engineering are attained and ensured completely.

Prof. P. M. Warke

Prof. K. N. Bawankar

Dr. M.Y. Naniwadekar

Faculty Coordinators

HOD

List of Participants-

Sr. No	Student Name	Group Members	Attendance	Name of the College	Prize/ Winner
1	Apurva Murkute	Water edible capsule	Present	AISSMS COE, Pune	
2	Shivam Satyawar Madrewar, Siddhali Shegar	Pomo SHB Trap	Present	Govt. Agriculture College, Kolhapur and AISSMS COE, Pune	
3	Radhakrishna	Eco-friendly pen	Present	Amrutvahini COE, Sangamner	
4	Aarti Gurunath	Fambonf home health care	Present	AISSMS COE, Pune	
5	Aditya Shinde and Aryan Pawar	Roomies App	Present	AISSMS COE, Pune	
6	Ashish and Suraj	Alma Connect	Absent	AISSMS COE, Pune	

7	Tanisq Ware and Sayali	Pune via appl. Gps tracking system	Present	AISSMS COE, Pune	
8	Rajshree Dawre and Shradhha Dumbre	Handmade paper from baggase	Present	AISSMS COE, Pune	
9	Rohan Kukade	Space pollution	Present	AISSMS COE, Pune	
10	Samruddhi Suryavanshi	pH Indicator chrysoylt	Present	AISSMS COE, Pune	2nd
11	Team of titANS	King of super Fruit Ayuzera	Present	D Y Patil COE, Pune	
12	Umesh	APCOER Organic jiggery plant for rural area	Present	COE at Kopergaon	
13	Aryan Pawar	Multi-cab management system	Absent	AISSMS COE, Pune	
14	Shivam Satyawan Madrewar, Ganesh Subhash Chandankar and Siddhali Shegar	Banana Rizoguard bio pesticide	Present	RCSM College of Agriculture, Kolhapur and AISSMS COE, Pune	1st



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DEPARTMENT OF CHEMICAL ENGINEERING

Engineering Today-2024

POSTER COMPETITION REPORT

Date: October 01, 2024

Name of The Event	Poster Competition (CH-2)
Date and Time	26/09/2024; 12:30 to 15:00
Venue	Room No 306, Department of Chemical Engineering AISSMS COE Pune-01 (Hybrid Mode)
No of Participants	33
Name of The Winner	First Prize: Shivam Satyawar Madrewar, RSCM College of Agriculture, Kolhapur Second Prize: Mayur Thaware, AISSSM COE Pune-01
Students Coordinator	Ms Shrutee Borhade (BE Chem) Mr. Juned Sayyad (BE Chem)
Faculty Coordinator	Prof. K B Gandhi, Prof. H L Kamble, Assistant Professor Department of Chemical Engineering, AISSSM COE Pune-01
Judge of Event	Dr. Y J Chendke, BVCOE, Pune

The department of chemical engineering, AISSMS COE organized the Poster Competition in Hybrid mode of Engineering Today-2024 'CHEMIXIR', a National level Symposium & Exposition for Students on September 26, 2024.

Total 30 Posters were presented by participants of various engineering colleges. Through this event, participants got an opportunity to present their ideas. Dr. Y J Chendke (BVCOE) had been invited as a Guest of Honour and also a Jury for this event. Students presented posters on different topics in chemical engineering.

Ms Shrutee Borhade, Juned Sayyad & Pritesh Gole, Student Coordinators, introduced the Guest/ Judge to the Participants. Dr. M.Y.Naniwadekar (Head, Department Chemical Engineering, AISSMS COE, Pune) welcomed the Guest for the event.

The program has been organized successfully.

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19th AISSMS Engineering Today 2024
26th and 27th September

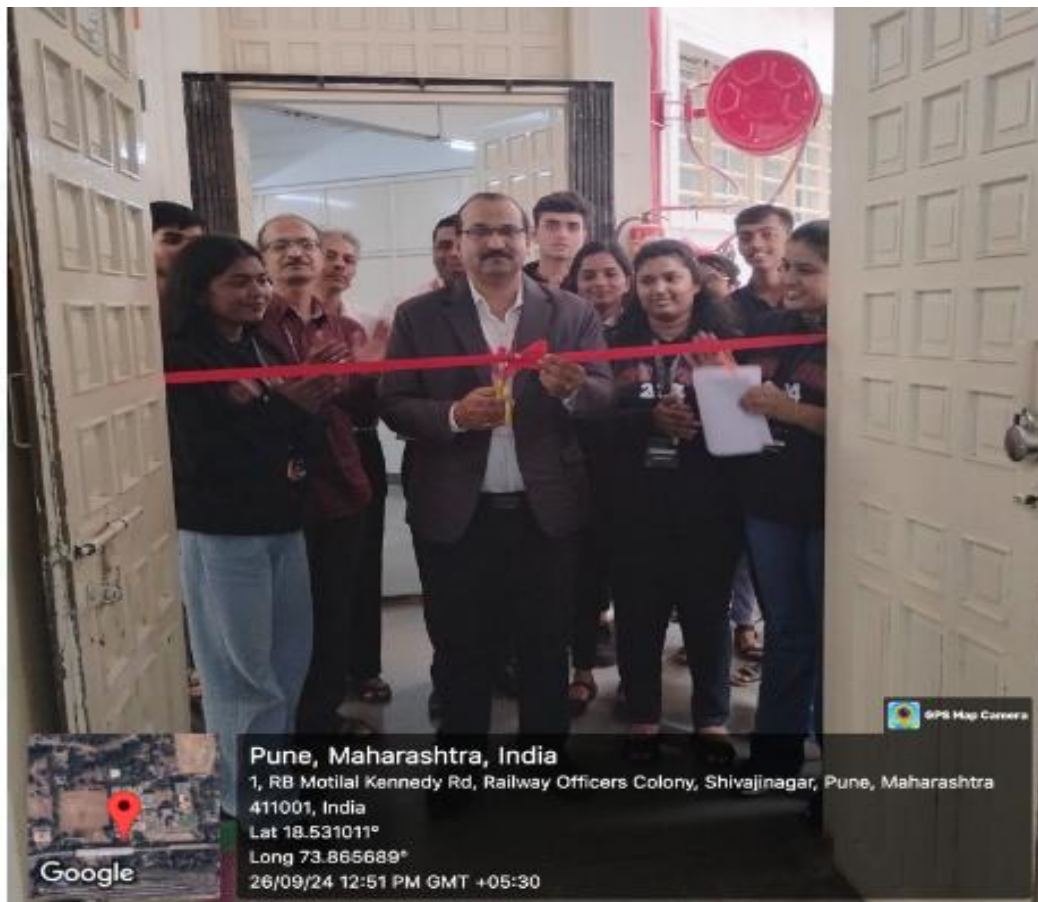
DEPT. OF CHEMICAL ENGINEERING
CHEMIXIR

CH1 Dolphin Tank Competition (Max. 5 Members)
CH2 Poster Competition (Max. 2 Members)
CH3 Treasure Deal (4 Members)

PRIZES WORTH ₹8,000/-
Entry Fee Rs. 100/- per person

GS & JGS Faculty Coordinator HOD Principal
Siddhali Shegar Dr.S.B. Ghugare Dr. M.N. Naniwadekar Dr. D. S. Bormane
Sfurti Kaduskar

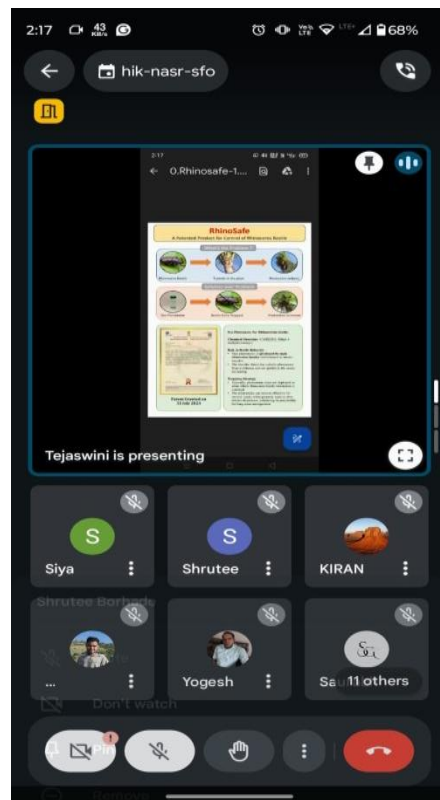
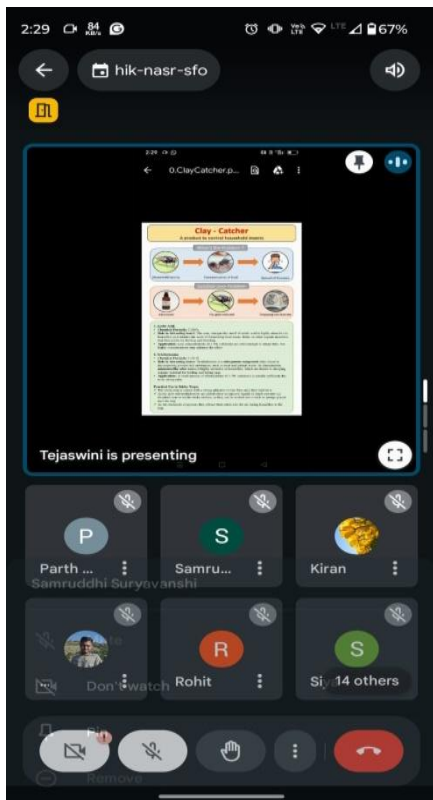
ET CHEMIXIR Poster (22/09/2024)



Dr. M Y Naniwadekar, HoD inaugurating the Poster Competition Event (26/09/2024)



Faculty and Students Coordinators of the Poster Competition Event (26/09/2024)



Poster Presentations by Participants (26/09/2024)

Prof. K. B. Gandhi, Coordinator- Poster Competition expressed Vote of Thanks on behalf of Department of Chemical Engineering., AISSMS COE, Pune.

Event Outcome:

- 1) Students gained knowledge of chemical engineering concepts
- 2) Presentation and communication skills of students were improved
- 3) Students coordinated the presentations and the event in teams

Relevance to PO and PSOs:

PO MAPPING																
	Program Outcomes											Program Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
	Y							Y	Y	Y	Y	Y	Y			

Prof. K. B. Gandhi

Dr. S. B. Ghugare

Dr. M. Y. Naniwadekar

Dept. Coordinator-ET-2024

HOD

Prof. H. L. Kamble

Faculty Coordinators

List of Participants-

SR. NO.	STUDENT NAME	GROUP MEMBERS	ATTENDANCE	COLLEGE NAME	PRIZE
1	Gaikwad Saurabh Dinkar		Present	VPKBIET	
2	Omkar Bharat Tule		Present	VPKBIET	
3	Divyanshu Punam Gabhane	Parath Ravindra Deshmukh,	Present	MIT Academy of Engineering	
4	Ashraf Altab Shaikh	Vaishnavi Nikkam	Present	MIT Academy of Engineering	
5	Shivam Satyawan Madrewar		Present	RCSM College of Agriculture, Kolhapur	Ist
6	Vedanti Thorve		Absent	AISSMS COE	
7	Anish Jagdale		Absent	AISSMS COE	
8	Akbar Abdul Sayyad		Absent	AISSMS COE	
9	Tejaswini Dattajirao Shinde		Present	RCSM College of Agriculture, Kolhapur	
10	Ganesh Subhash Chandankar		Present	College of Agriculture, Pune	
11	Shreyash Bansod		Present	MIT Academy of Engineering, Alandi	
12	Samruddhi Vishnu Suryavanshi		Present	AISSMS COE	
13	Chetan Abaji Garde	Sushil Suvarnadas Pawar	Present	MIT Academy of Engineering	
14	Sushant Kishor Mache		Present	AISSMS COE	
15	Pranita Kakade		Absent	AISSMS COE	
16	Siya Vanzare		Present	AISSMS COE	
17	Srushti Joshi		Present	AISSMS COE	
18	Mayur Thaware		Present	AISSMS COE	IInd

19	Tejavini Mohite		Present	RCSM College of Agriculture, Kolhapur	not selected event in google form .Receipt Below
20	Kumar Gome		Absent	AISSMS COE	
21	Yogesh		Present	AISSMS COE	
22	Rohit Nalavade		Present	MIT Academy of Engineering	
23	Sumitra Kamble		Present	RCSM College of Agriculture, Kolhapur	
24	Asish Ranjor		Present	RCSM College of Agriculture, Kolhapur	
25	Rohit Korade		Absent	AISSMS COE	
26	Sanika Salunke		Absent	MIT AOE	
27	Aditi Shinde		Absent	AISSMS COE	
28	Samruddhi Kalal		Absent	AISSMS COE	



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Engineering Today-2024

TREASURE DEAL REPORT

Name of The Event	Treasure Deal (CH-3)
Date and Time	26/09/2024; 11:00 to 16:00 27/09/2024; 09:00 to 12:00
Venue	Room No 324, Department of Chemical Engineering AISSMS COE Pune-01
No of Participants	76
Name of The Winner	First Prize: Adarsh Birje, AISSMS COE Pune Second Prize: Disha Wagh, AISSMS Polytechnic, Pune
Students Coordinator	Om Surana (BE Chem) Kunal Hirave (BE Chem)
Faculty Coordinator	Mr P S Tadkar, Assistant Professor Department of Chemical Engineering AISSMS COE Pune-01

The department of chemical engineering, AISSMS COE organized Treasure Hunt and Deal or No Deal competition in Engineering Today-2024 'CHEMIXIR', a National level Symposium & Exposition for Students during, September 26-27, 2024 at AISSMS College of Engineering.

The event drew an impressive 71 participants, eager to test their problem-solving, decision-making, and knowledge skills.

Day 1 (26/09/2024) Round 1&2: The event kicked off with Round 1: Treasure Hunt, where participants were given clues to locate hidden treasure slips scattered across the campus. Teams, each consisting of two members, had to find three slips in the least amount of time. With 10 teams competing, the hunt was an exciting race, challenging participants to think quickly and navigate efficiently. The teams that found all three slips in the shortest time were selected for the next round, with the jury making the final decisions.

Following the Treasure Hunt, participants moved on to Round 2: Deal or No Deal. This round was hosted online using devices provided by the organizers. Each team selected a lucky suitcase from a set of 26 and played through six rounds, eliminating six suitcases per round while receiving offers from the banker. The highest amount a team could win was 1,000,000 points, and the top four teams with the highest scores from this round were selected to advance to the final round. The competitive atmosphere intensified as teams made strategic decisions, balancing risk and reward to maximize their points.

Day 2 (27/09/2024) Round 3: The event continued on Day 2 with Round 3: The Quiz Round, where the top teams from Round 2 competed in a buzzer-style quiz. The questions focused on basic engineering concepts and general knowledge, testing the participants' quick thinking and academic proficiency. Teams were required to buzz in as soon as they knew the answer, earning points for correct responses. The fast-paced nature of the round kept both participants and the audience on the edge of their seats, as teams battled for the top spot.

The event was a grand success, with enthusiastic participation and impressive performances from all teams. The organizing team ensured smooth execution, and the jury's decisions were fair and well-received. The Treasure Hunt and Deal or No Deal competition not only provided participants with a fun and challenging experience but also fostered teamwork, strategic thinking, and knowledge application.

The two-day event highlighted the spirit of competition and collaboration at AISSMS College of Engineering. Congratulations to all participants and winners for their commendable efforts, and thanks to the organizers for delivering a memorable and well-organized event.

Event Outcome:

- 1. Enhanced Skill Development :** Co-curricular activities provide opportunities for students to develop various skills such as leadership, teamwork, communication, time management, problem-solving, and critical thinking
- 2. Improved Academic Performance:** Engaging in co-curricular activities can positively impact academic performance by improving concentration, discipline, and overall cognitive abilities.
- 3. Increased Confidence:** Participating in activities outside of the classroom can boost self-confidence and self-esteem as students gain recognition for their achievements and develop a sense of accomplishment.
- 4. Personal Growth:** Through participation in co-curricular activities, students explore their interests, passions, and talents, leading to personal growth, self-discovery, and a sense of purpose.
- 5. Career Readiness:** Participation in certain co-curricular activities, such as volunteer work, or entrepreneurship initiatives, can enhance students' employability skills and prepare them for future careers.

Relevance to PO and PSOs:

PO MAPPING		
	Program Outcomes	Program Specific Outcomes

	PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	P O 1 1	PO 12	PSO 1	PS O2	PS O3	PSO4
	Y							Y	Y	Y	Y	Y	Y			

Om Surana Kunal hirave

Prof. P.S. Tadkar

Dr. S. B.Ghugare

Dr. M.Y. Naniwadekar

Student Coordinator

**Faculty
Coordinator**

Department ET Coordinator

Head

List of Participants:

SN	Name of Team Leader	Contact No	Department	No of Team Members
1	Pallavi Shelar	9850384213	IT	1
2	Aakanksha Humbe	8329248033	IT	1
3	Pranita Nandkhile	9322972338	IT	1
4	Prasanna Tadage	8180874779	Electrical	2
5	Shreya Raut	8766643717	Chemical	5
6	Siddhesh Jawade	9021039861	Chemical Engineering	4
7	Amar santosh bhosald	9359956783	Chemical	4
8	Satyam Pasange	9067178427	Chemical Engineering	4
9	Akhare Yogesh	9325215572	Chemical engineering	4
10	Neel Doshi	7820978286	Computer Engineering	1
11	Sarvesh Joshi	9518527926	IT	5
12	Mayank Dhole	8055270908	IT	5
13	Adarsh Birje	9156425268	Chemical	4
14	Sanskruiti Zambare	8669240159	IT	5
15	Piyush Gupta	8180877278	Chemical	4
16	Pritesh Gole	7083975549	Chemical	4
17	Shruti Gulve	9022635067	Chemical	3
18	Shruti kothawade	9545618692	Chemical	3
19	Abhijeet Vilayate	7350882557	Chemical	4
20	Siddhi desale	8010653876	Chemical	4
21	Janhavi	7058100698	Outside	4
22	Piyush Krupal Dudhe	8788568570	Chemical	4

Glimpses of the Event



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26th and 27th September

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CHEMIXIR

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(Max. 5 Members)
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(4 Members)

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Faculty Coordinator
Dr. S.B. Ghugare

HOD
Dr. M.N. Naniwadekar

Principal
Dr. D. S. Bormane

Poster of Chemixir ET-2024



Students Committe Member (26/09/2024)

(Front Row from Left to right: Aditya Dhole, Pranav Pawar, Srivatsan Iyengar, Aadesh Khaladkar, Om Surana, Kunal Hirve, Sidhhali Shegar, Sfurti Kaduskar, Apurva Shelar, Ishwari Pansare, Shraddha Dumbre, Asmi Attikeri, Aboli Nagnure Back Row: from Left to right Omkar Deshmane, Adarsh Birje, Tanishk Ware, Om Halburge, Aryan Pawar, Naryan Jagtap, Sujal Shedge, Rohan Pharate, Jyotiraditya Yesugade, Pratham Dhage, Niranjan Sukale, Pritesh Gole)



Students Committee Member along with Faculty Coordinators (26/09/2024)

(Front Row from Left to right: Omkar Deshmane, Pranav Pawar , Aadesh Khaladkar, Srivatsan Iyengar, Om Surana, Kunal Hirve, Sidhhali Shegar, Dr M Y Naniwadekar, Dr S B Ghugare, Prof P S Tadkar, Sfurti Kaduskar, Ishwari Pansare, Apurva Shelar, Shraddha Dumbre Back Row: from Left to right, Aditya Dhole

Adarsh Birje, Tanishk Ware, Om Halburge, Aryan Pawar, Niranjana Sukale Naryan Jagtap, Jyotiraditya Yesugade, Sujal Shedge, Pratham Dhage, Pritesh Gole)



Dr S B Ghugare, Department ET Coordinator innagurating the event (26/09/2024)

(Front Row from Left to right: Aadesh Khaladkar, Aryan Pawar, Prof P S Tadkar, Om Surana, Apurva Shelar, Ishwari Pansare)



Students Committee Member along with Faculty Coordinators (26/09/2024)

(Front Row from Left to right: Pranav Pawar , Aadesh Khaladkar, Om Surana, Kunal Hirve, Sidhhali Shegar, Dr S B Ghugare, Prof P S Tadar, Sfurti Kaduskar, Apurva Shelar, Shraddha Dumbre Back Row: from Left to right, Aditya Dhole,Aryan Pawar, Naryan Jagtap, Jyotiraditya Yesugade, Pratham Dhage,)

Dr. S. B. Ghugare

Department ET Coordinator

Dr. M.Y. Naniwadekar

Head