



Department of Chemical Engineering  
K. K. Wagh Institute of Engineering Education and Research  
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## CHEMFEST 2K25



### Report

The ChemFest-2K25 at the Chemical Engineering Department of K. K. Wagh Institute of Engineering Education and Research, Nashik, was a much-anticipated event held on the 3rd and 4th of March 2025, dedicated to showcasing cutting-edge advancements and research in chemical engineering. The event served as an invaluable platform for students, faculty, and industry professionals to share knowledge, spur innovation, and cultivate meaningful collaborations. This report encapsulates the key activities, competitions, and notable achievements of this dynamic event.

#### Event Highlights

##### Inauguration

The ChemFest-2K25 kicked off with an inspiring Inaugural Ceremony featuring Mr. Sonu Zunj, Director, SVAAR Process Industries, Nashik brought a wealth of expertise from both academia and industry. He shared valuable insights into emerging trends in chemical engineering, highlighting the significance of interdisciplinary collaboration. The event was graced by esteemed judges: **Dr. Sharda K. Patil**, Professor, KKWagh Sr. College, Saraswati Nagar and **Dr. Dipak K. Chandre**, HOD Chemical Engineering, SVIT Chincholi, Additionally, **Dr. S. N. Jain** (HOD, Chemical Department, K.K.W.I.E.E.R.) and all faculty members were in attendance. **Rinki Zanjhote** and **Khushi Gupta** skillfully anchored the event. While **Dr Yennam Rajesh**, the Faculty Coordinator of Chemfest2K24, delivered the Inaugural address, setting an inspiring tone for the festival.



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### **Glimpse of Inauguration Ceremony-Chemfest-2025**

**Following were the topics for the competition:**

- Sustainable development for cleaner production
- Separation & Purification Techniques for Energy & Waste Management
- Environmental Chemistry and Green Technology
- Materials for carbon capture, storage, and utilization.
- Modern Physio-Chemical, Bio-Separation & Purification Processes for Environmental Management
- Nanotechnology & Polymer Science Applications for Environmental Remediation
- Utilization of waste materials for a circular economy.
- Process Intensification in the chemical industries
- Pharmaceuticals synthesis and applications
- AI&ML applications in Chemical Engineering



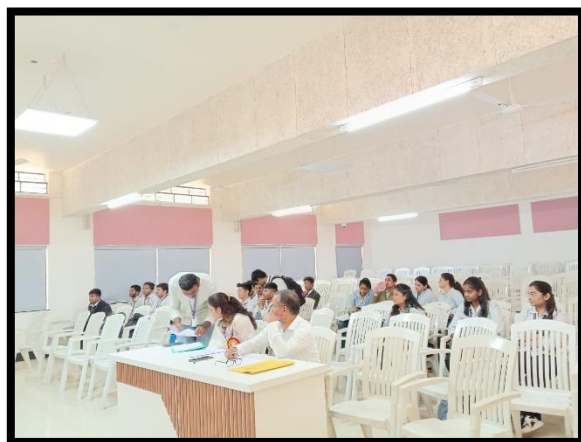
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### Paper Presentations

The Technical Paper Presentation competition at ChemFest 2K25 held on the event's first day. Offline Paper Presentation occurred followed by Online Paper Presentation on 3<sup>rd</sup> march. Esteemed judges included **Dr. Sharda K. Patil**, Professor, KKWagh Sr. College, Saraswati Nagar and **Dr. Dipak K. Chandre**, HOD Chemical Engineering, SVIT Chincholi, Students and researchers showcased innovative findings across diverse areas such as process optimization, renewable energy, environmental engineering, and advanced materials. Interactive Q&A sessions followed each presentation, fostering engaging intellectual discussions. The Offline Paper Presentation was anchored by **Aatmaj** and **shruti**, while **Aakansha Salunke** and **Abhimanyu Bodake** handled the Online Paper Presentation, ensuring a seamless and engaging experience. This event provided a platform for knowledge sharing and exploration of cutting-edge advancements in chemical engineering and related fields.

Name of the event	Paper Presentation (Online /Offline)
Date of the event	03/03/2025
Chief guest or judges	Dr. Sharda K. Patil, Dr. Dipak K. Chandre
No. of participants	Offline-35 Online =13
Co-Ordinator's	Head- Rinki .Umesh .Zanjote Co- head - Khushi .Gupta Staff Coordinator- 1) Dr.V.N.Mawal 2) Dr. R.Ravula





**Glimpse of Paper Presentation in Chemfest-2025**

### **Project-Expo**

Students enthusiastically presented and demonstrated a fascinating array of models reflecting their project topics during the exhibition. The models showcased were exceptionally innovative, providing valuable insights into the various projects. Participants explored a diverse spectrum of chemical engineering disciplines, including process design and optimization, renewable energy technologies, environmental engineering solutions, materials science innovations, and advancements in biotechnology. The exhibition served as an interactive platform where visitors engaged with the students, delving into the intricacies of their projects and gaining deeper insights into the multifaceted applications of chemical engineering. The event was judged by **Dr. Dipak K. Patil**, Assistant Professor, KKW Pharmacy College, Nashik, brought his expertise to evaluate and appreciate the ingenuity and technical prowess demonstrated by the students.

Name of the event	Project Expo
Date of the event	04/03/2025
Chief guest or judges	Mr. Abhijeet Sonawane
No. of participants	43 teams
Co-Ordinator's	Head- Aditya Gunjal Co- head - Kanchan Dikale Staff Coordinator- 1) Dr. G.B.Daware 2) Prof.P.K.Purbey





### Glimpse of Project Expo in Chemfest-2025

### Technical Quiz

The technical quiz event, featuring around 33 participants, comprised two engaging rounds aimed at testing and expanding technical knowledge and aptitude. The initial written test challenged contestants with 20 questions spanning aptitude and general knowledge, followed by a buzzer round for the top 10 finalists. Led by anchor **Gauri Vidhate**, this high-energy round rewarded quick thinking with 5 points for correct answers and deducted 2.5 points for incorrect responses, emphasizing both speed and accuracy. The event not only showcased participants' skills but also fostered a dynamic learning environment, underlining the importance of continuous intellectual growth within academic communities.

Name of the event	Technical Quiz
Date of the event	03/03/2025
No. of participants	33
Co-Ordinator's	Head- Gauri Vidhate Co- head - Aishwarya Jadhav Staff = Dr. S. N Derle Prof. T. B Mahale

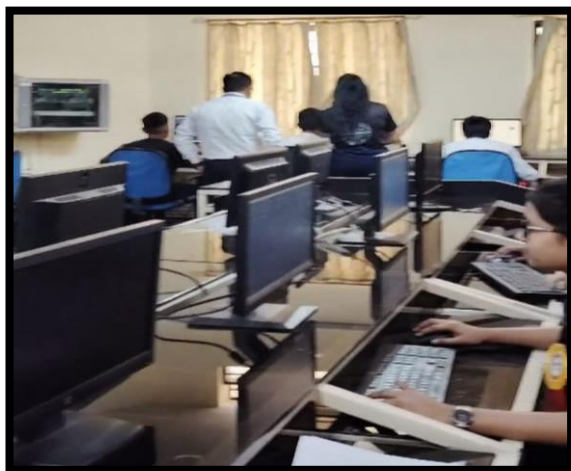


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### **CAD Mania**

CAD Mania, a key event within the Chemfest 2k25 celebrations, hosted by the chemical department, is a 3D modeling competition designed to challenge participants' technical expertise and design skills. The event held on 3<sup>rd</sup> of march 2025, provides a platform for students to showcase their proficiency in CAD modeling and problem-solving. This online event, emphasizes design creativity, functionality, and presentation. Participants submit their designs and presentations, which are then evaluated by judges. The event aims to foster innovation and provide students with valuable experience in CAD software and design principles.

Name of the event	CAD MANIA
Date of the event	03/03/2025
No. of participants	15
Co-ordinators	Head- Aavesh shaikh Co- head - Gauri Verulkar Staff = 1) Dr. S. N Derle



**Glimpse of CAD mania in Chemfest-2025**



### Roadies

The Roadies event at Chemfest 2k25, held on March 3rd, injected a high-energy, competitive spirit into the festival. Inspired by the popular reality TV show, this event likely featured a series of challenging tasks designed to test participants' physical and mental resilience. Competitors could have faced obstacles, puzzles, and team-based activities, demanding teamwork, problem-solving, and a strong competitive drive. This event provided a thrilling break from traditional academic activities, fostering camaraderie and a sense of adventure among the students.

Name of the event	Roadies
Date of the event	03/03/2025
No. of participants	24×2=48
Co-ordinators	Head- Prasad shinde Co- head - Sarthak mahale Staff = 1) Prof. Z.K.Deshmukh 2)Prof. P.K.Purbey





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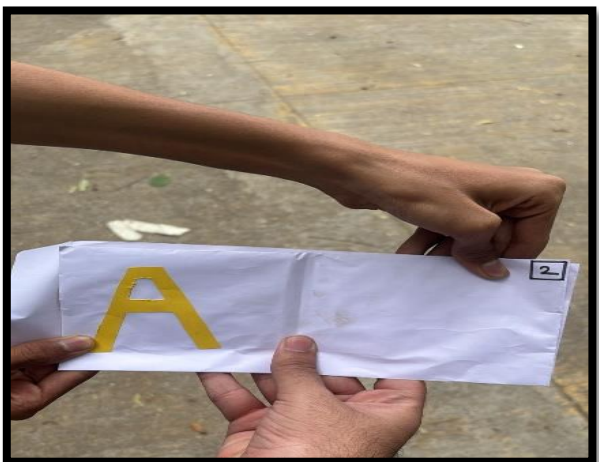
**Glimpse of Roadies in Chemfest-2025**

### **Treasure Hunt**

The Treasure Hunt event, engaged participants in an exciting quest across the campus. Teams were tasked with deciphering clues, solving puzzles, and navigating through a series of challenges to uncover hidden 'treasure.' This event combined intellectual curiosity with a sense of adventure, promoting teamwork and problem-solving skills. Participants had to rely on their knowledge, observation, and quick thinking to outsmart their rivals and reach the final destination. The event provided a fun and interactive way for students to explore their surroundings and engage with their peers.

Name of the event	Treasure hunt
Date of the event	03/03/2025
No. of participants	18×4=72
Co-ordinators	Head- Akshat Pagare Co- head – Chaitrali Kaje Staff = 1) Prof. N.B.Gautam





### Glimpse of Treasure hunt in Chemfest-2025 Open Talent Show

The Open Talent Show, a vibrant and diverse event held on March 4th at Chemfest 2k25, provided a platform for the students to showcase their non-academic talents. The stage came alive with a variety of performances, including energetic dance routines, soulful singing, humorous mimicry, witty stand-up comedy, captivating instrumental music, and engaging drama skits. This event offered a welcome break from the technical focus of the festival, highlighting the students' creative and artistic abilities. It fostered a sense of community and celebration, allowing individuals to express themselves and entertain their peers, making it a memorable part of the Chemfest 2k25 experience.

Name of the event	Open talent show
Date of the event	04/03/2025
No. of participants	25
Co-ordinators	Head- Isha Suryawanshi Co- head – Sanchi Jadhav Staff = 1) Dr. Yennam Rajesh 2) Prof. R.M.Chaudhary



### Glimpse of Open talent show in Chemfest-2025

#### Mind Game

The Mind Games event, held on March 3rd at Chemfest 2k25, challenged participants' cognitive abilities and problem-solving skills. This event featured a series of intricate puzzles and tricky questions designed to test logical reasoning, lateral thinking, and quick wit. Competitors engaged in a battle of intellect, striving to unravel complex riddles and decipher perplexing scenarios. The Mind Games event provided a stimulating and engaging experience, fostering a spirit of healthy competition and intellectual curiosity among the students, offering a mental workout alongside the festival's other activities.

Name of the event	Mind Game
Date of the event	03/03/2025
No. of participants	50
Co-ordinators	Head- Siddhesh Handore Co- head – Bhairavi Parbhane Staff = 1) Dr. S.N.Jain



**Glimpse of Mind Game in Chemfest-2025**

### **Neon Cricket**

The Neon Cricket event, held over the two days, March 3rd and 4th at Chemfest 2k25, transformed the classic sport into a visually stunning spectacle. Played in a darkened room, the event utilized neon balls, bats, and stumps, creating a vibrant, glowing atmosphere. This unique take on cricket featured modified rules, designed to enhance the excitement and adapt to the indoor, neon-lit environment. Participants experienced a high-energy, fast-paced game, where visibility and reflexes were key. This event provided a novel and thrilling entertainment experience, diverging from standard cricket and adding a distinctive, memorable element to the Chemfest 2k25 festivities

Name of the event	Neon Cricket
Date of the event	03/03/2025 & 04/03/2025
No. of participants	100 participants, per team 5 players = 20 teams
Co-ordinators	Head- Sachin Dubile Co- head – Ankit Aher Staff = 1) Prof. P.P. Joshi



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**Glimpse of Neon Cricket in Chemfest-2025**

### **Tug of War**

The Tug of War event, a classic test of strength and teamwork, energized Chemfest 2k25 on March 4th. Two teams faced off, gripping a thick rope and pulling with all their might, aiming to drag their opponents across a center line. This event provided a raw display of physical power and coordinated effort, fostering a sense of spirited competition and camaraderie among the students. The roar of the crowd and the strain of the rope created an intense and memorable spectacle, highlighting the physical side of the festival's diverse activities.

Name of the event	Tug of War
Date of the event	04/03/2025
No. of participants	Girls – 4 teams Boys – 6 teams
Co-ordinators	Head- Venkatesh Jadhav Co- head – Vaishnavi Ghughe Staff = 1) Dr. G.B.Daware 2) Prof. V.N. Mawal





### Free Fire

The Free Fire event, a popular mobile gaming competition, brought a surge of adrenaline to Chemfest 2k25 on March 4th. Participants engaged in intense virtual battles, showcasing their strategic skills, reflexes, and teamwork. This event provided a platform for gaming enthusiasts within the chemical department to compete and connect, fostering a sense of community within the digital realm. The fast-paced gameplay and competitive spirit made the Free Fire event a thrilling and engaging part of the festival's diverse lineup, highlighting the students' passion for modern entertainment.

Name of the event	Free Fire
Date of the event	04/03/2025
No. of participants	Girls – 4 teams Boys – 6 teams
Co-ordinators	Head- Gaurav Galande Co- head – Omkar Shinde

### Valedictory Ceremony

**Mr. Abhijeet Sonawane, HCL Technologies, Nashik** has left a significant impact on our institution. **Chemfest2K25** was a resounding success with over **400 participants, including 70 from external colleges**, engaging in a fierce competition. **Prachi wanara** and **Abhimanyu Bodake** captivated us as the event's anchors, while **Rinki Zanjhote** eloquently introduced our esteemed chief guest. **Dr.Yennam Rajesh** concluded the event with a gracious Vote of Thanks, acknowledging the efforts of all participants and contributors such as KKWES Management, Principal, HOD, Faculty members and ACES committee members etc. We extend our heartfelt gratitude to everyone who made Chemfest-2K25 a memorable experience.



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Certificates and trophies presented in validictory Function from chief guest (Mr. Abhijeet Sonawane, HCL Technologies, Nashik, HOD (Dr. S., N. Jain) and ChemFest Coordinataor (Dr. Yennam Rajesh)



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Glimpse of Chemfest-2025 Coordinators and Faulties