

OFFICE OF STUDENTS' WELFARE

&

AICHE-VIT

in association with

SCHOOL OF CHEMICAL ENGINEERING(SCHEME)

Proudly Presents

7th EDITION OF THE FLAGSHIP EVENT



CHEM-A-THON 7.0

INITIATE - INNOVATE - INVENT

28th - 30th March, 2026

REGISTRATION FEE

**Rs.550/-
(Exclusive of GST)**

ABOUT CHEM-A-THON

Chem-A-Thon is the flagship event of AICHE VIT and is an annual competition that welcomes undergraduate students from universities around the world. It is a 36-hour hackathon where the students are given problem statements related to various fields of Chemical Engineering, for which they must design working models. It creates an environment that helps promote their achievements and engage in discussions with faculty, researchers, and industry professionals.

CHEM-A-THON 7.0

Chem-A-Thon 7.0 focuses on developing innovative solutions to real-world chemical engineering problems. The competition is open to all undergraduate students and is divided into three categories: 1, 2, and 3. Continuous mentor guidance and structured checkpoints emphasize creativity, feasibility, and real-world relevance.

CATEGORY	THEME
CATEGORY 1 (1st YEAR)	ENVIRONMENTAL SUSTAINABILITY
CATEGORY 2 (2nd & 3rd YEAR)	PRODUCT DEVELOPMENT
CATEGORY 3 (OPEN TO ALL)	DESIGN & SIMULATION

GUIDELINES

- The participants will be divided into 3 categories based on their year of study
- Chem-A-Thon is a team event, and each team can have a minimum of 5 members
- Each team is expected to inform the judges about their plan of action.
- Participants are expected to work for 36 hours and create a working model.

PREVIOUS SPONSORS



IndianOil



REGISTRATION LINK FOR CHEM-A-THON 7.0



<https://events.vit.ac.in>

THE TRI TRACK CHALLENGE

The Tri-Track challenge, based on the Chem-E-Car competition, is a model engineering competition conducted as a part of Chem-A-Thon 7.0, which combines reaction engineering, control systems, and safety-oriented design, all into one practical task. Participants need to design a self-driving car controlled by only chemical reactions. The vehicle must travel across three tracks, which include smooth, rough, and inclined sections. It should stop at a predefined target point.



Winners of Azeotropy'25 and SRC'25 1st Runner UP

TALKSHOW

The talk show is a part of Chem-A-Thon, which gives the students a chance to learn from an experienced professional and gain insights into the various opportunities available to them.



Chem-A-thon 6.0 Talk Show Featuring ISRO Scientist, **Dr.Ganesh.P**

ABOUT VIT

Vellore Institute of Technology (VIT) is a private deemed university located in Vellore, Tamil Nadu, India. VIT Vellore is ranked #691 globally in the QS World University Rankings 2026 and sits within the 601–800 band in the World Rankings. Nationally, it holds the #11 rank in the NIRF University category and #16 in Engineering, maintaining its status as India's top-ranked private institution for innovation. Beyond rankings, VIT has evolved into a globally connected university system with multiple campuses across India and abroad, including VIT Chennai, VIT-AP University in Amaravati, VIT Bhopal University, and the international campus VIT Mauritius.

ABOUT SCHEME

The School of Chemical Engineering (SCHEME) at VIT provides students with core chemical engineering concepts and problem-solving skills in a multidisciplinary curriculum. Students learn to innovate, design, optimize, troubleshoot production processes, and integrate new processes.

ABOUT AIChE & AIChE VIT

The American Institute of Chemical Engineers (AIChE) is the world's largest professional organization in the field of chemical engineering. AIChE was officially founded in 1908 and has a membership of over 60,000 individuals from more than 110 countries. AIChE provides students and professionals with an avenue to learn through various competitions and activities. Established in 2014, the AIChE Student Chapter at VIT has won the Outstanding Student Chapter Award ten consecutive times since its inception. The chapter provides chemical engineering students at VIT with exposure and experience through various competitions in India and around the world.

ORGANIZING COMMITTEE

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Dr. Chitra D, SCHEME

Dr. Aslam Abdullah M, HOD, SCHEME

CONTACT US

Mr. Ameya Shukla: +91 7385122063
(Chairperson, AIChE-VIT)

Ms. Ananya Lakshmi : +91 8848574031
(Vice Chairperson, AIChE-VIT)

Mr. Arpit Wibhute: +91 7774047973
(Finance Head, AIChE-VIT)

✉ aichevit@gmail.com

📷 @aiche_vit

🌐 AIChE - VIT Student Chapter

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PROGRAMME SCHEDULE

28th - 30th March, 2026

DAY 1: 28/03/2026 (SATURDAY)		
TIME	EVENT	VENUE
2:00 PM - 3:00 PM	Reporting Time	Ambedkar Auditorium (Ground Floor, TT)
3:00 PM - 4:30 PM	Inauguration Ceremony	Ambedkar Auditorium (Ground Floor, TT)
4:30 PM - 5:00 PM	Refreshments 1	Outside Ambedkar Auditorium
5:00 PM - 7:30 PM	The Tritrack Challenge	Foody's 2
5:00 PM - 7:30 PM	Talk Show	Ambedkar Auditorium (Ground Floor, TT)
7:30 PM - 8:30 PM	Dinner	Mess/Canteen
8:30 PM - 9:00 PM	Reporting Time	SMV-G26, G26A,G29,G17,127
9:00 PM - 12:00 AM	Model Development Phase 1	SMV-G26, G26A,G29,G17,127



CHEM-A-THON 7.0

INITIATE - INNOVATE - INVENT

DAY 2: 29/03/2026 (SUNDAY)

TIME	EVENT	VENUE
12:00 AM - 12:30 AM	Refreshments 2	SMV-G26, G26A,G29,G17,127
12:30 AM - 4:00 AM	Model Development Phase 1	SMV-G26, G26A,G29,G17,127
4:00 AM - 4:30 AM	Refreshments 3	SMV-G26, G26A,G29,G17,127
4:30 AM - 7:30 AM	Model Development Phase 1	SMV-G26, G26A,G29,G17,127
7:30 AM - 8:30 AM	Breakfast	Mess/Canteen
8:30 AM - 10:00 AM	Model Development Phase 1	SMV-G26, G26A,G29,G17,127
10:00 AM - 11:00 PM	Checkpoint - 1	SMV-G26, G26A,G29,G17,127
11:00 AM - 1:00 PM	Model Development Phase 2	SMV-G26, G26A,G29,G17,127
1:00 PM - 2:00 PM	Lunch	Mess/Canteen
2:00 PM - 4:00 PM	Model Development Phase 2	SMV-G26, G26A,G29,G17,127
4:00 PM - 5:00 PM	Checkpoint - 2	SMV-G26, G26A,G29,G17,127
5:00 PM - 8:00 PM	Model Development Phase 3	SMV-G26, G26A,G29,G17,127
08:00 PM - 09:00 PM	Dinner	Mess/Canteen
9:00 PM - 10:00 PM	Model Development Phase 3	SMV-G26, G26A,G29,G17,127
10:00 PM - 11:00 PM	Checkpoint - 3	SMV-G26, G26A,G29,G17,127
11:00 PM - 12:00 AM	Model Development- Final Phase	SMV-G26, G26A,G29,G17,127



CHEM-A-THON 7.0

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DAY 3: 30/03/2026 (MONDAY)

TIME	EVENT	VENUE
12:00 AM - 12:30 AM	Refreshments 4	SMV-G26, G26A,G29,G17,127
12:30 AM – 4:00 AM	Model Development- Final Phase	SMV-G26, G26A,G29,G17,127
4:00 AM – 4:30 AM	Refreshments 5	SMV-G26, G26A,G29,G17,127
4:30 AM – 7:00 AM	Model Development- Final Phase	SMV-G26, G26A,G29,G17,127
7:00 AM – 8:00 AM	Breakfast	Mess/Canteen
8:00 AM – 9:00 AM	Model Development- Final Phase	SMV-G26, G26A,G29,G17,127
9:00 AM	36-Hour Hackathon Ends	SMV-G26, G26A,G29,G17,127
9:00 AM – 10:00 PM	Reporting Time	Foodys
10:00 AM – 1:00 PM	Final Evaluation & Judging	Foodys
1:00 PM - 3:00 PM	Gala Lunch	Foodys
3:00 PM - 4:00 PM	Reporting Time	VOC Gallery(II FLOOR, TT)
4:00 PM - 6:00 PM	Awards / Closing Ceremony	VOC Gallery(II FLOOR, TT)