

**School of Chemical Engineering
&
AICHE-VIT**
proudly presents
6th edition of the flagship event



**CHEM-A-THON
6.0**

INITIATE - INNOVATE - INVENT

CURRENT SPONSOR



Registration Fee : 549 (inc.18% GST)

14th - 16th February, 2025

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 engages in discussions with faculty, researchers, and industry professionals.

**REGISTRATION LINK FOR
CHEM-A-THON 6.0**



<https://vit.ac.in/event/chem-a-thon-6-0>

PREVIOUS SPONSORS



GUIDELINES

- CHEM-A-THON 6.0 is a team event and each team can have minimum of 3 and maximum of 5 members.
- The participants will be divided into 3 categories based on their year of study.
- Each team is expected to inform the judges of their plan of action.
- Participants are expected to work for 36 hours and create a working model/simulation for the same.

CHEM-A-THON 1.0

Date: 10 - 11 September, 2016
Prize pool: 20 thousand+

CHEM-A-THON 2.0

Date: 28 - 29 October, 2017
Prize Pool: 25 thousand+

CHEM-A-THON 3.0

Date: 22 - 23 February, 2019
Prize Pool: 35 thousand+

CHEM-A-THON 4.0

Date: 2 February, 2020
Prize Pool: 1.35 lakh+

CHEM-A-THON 5.0

Date: 3 - 5 March, 2023
Prize Pool: 1.5 Lakh+

CHEM-A-THON 6.0

Date: 14 - 16 February, 2025
Prize Pool: 2 Lakh+

ABOUT VIT

Vellore Institute of Technology (VIT) is a private deemed university located in Vellore, Tamil Nadu, India with 71 undergraduate, 58 post-graduate, 15 integrated, 2 research, and 2 M.Tech industrial programs. Having recently completed its Ruby Jubilee (40th anniversary) VIT boasts more than 500 foreign college collaborations and has a significant global footprint. VIT enables students to complete a portion of their academic program at VIT and the remainder at a partner international university. VIT was rated 791–800 in the 2025 QS World University Ranking. In the 2024 National Institutional Ranking Framework (NIRF), VIT ranks 10 in university category, 11 in Engineering and 13 in Research.

ABOUT SCHEME

The School of Chemical Engineering (SCHEME) at VIT University offers a B.Tech. in Chemical Engineering, focusing on core principles and problem-solving skills through a multi-disciplinary curriculum. Students learn to innovate, design, optimize, and troubleshoot industrial processes effectively. The program combines core and elective courses, preparing graduates to enhance human civilization's safety and comfort. Chemical engineering is within 251-300 in the world QS ranking 2024. SCHEME recently completed its Pearl Jubilee, thus continuing the legacy of imparting knowledge and fostering technology development through quality research in frontier areas of chemical and inter-disciplinary fields.

ABOUT AIChE

The American Institute of Chemical Engineers (AIChE) is a leading global organization for chemical engineering professionals. Established in 1908, it has over 60,000 members from 110 countries. Through competitions and activities, it offers a platform for learning and real-world exposure.

ABOUT AIChE-VIT

AIChE-VIT, founded in 2014, has won the Outstanding Student Chapter Award 9 times consecutively, since its inception. It aims to educate chemical engineering students in India through various initiatives and hands-on experience. It is well known for its dedication and excellence.

CHEM-A-THON 6.0

Get ready for CHEM-A-THON 6.0! Join us for an exhilarating 36-hour hackathon. Flagship event hosted by AIChE-VIT.

CATEGORY	THEME
Category 1 (1 st Year)	Environmental Sustainability
Category 2 (2 nd & 3 rd Years)	Product Development
Category 3 (Open to all)	Design & Simulation

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. G. Viswanathan, Founder & Chancellor

PATRONS

Mr. Sankar Viswanathan, Vice President

Dr. Sekar Viswanathan, Vice President

Dr. G V Selvam, Vice President

CO-PATRONS

Dr. Sandhya Pentareddy, Executive Director
Ms. Kadhambari S. Viswanathan, Assistant Vice - President

CHIEF ADVISORY

Dr. V. S. Kanchana Bhaaskaran, Vice Chancellor

Dr. Partha Sharathi Mallick, Pro-Vice Chancellor

Dr. Jayabarathi T, Registrar

CONVENER

Dr. L. Muruganandam, Dean, SCHEME

COORDINATORS

Dr. Monash. P, Professor, SCHEME

Dr. L. Muruganandam, Dean, SCHEME

Dr. S.Velu, HOD, SCHEME

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(Chairperson)

Ms. Smrti K : +91 78717 18625
(Vice-Chairperson)

Mr. Neil Chheda : +91 99300 40135
(Finance Head)

E-Mail: aichevit@gmail.com

SCHOOL OF CHEMICAL ENGINEERING



CHEM-A-THON 6.0

INITIATE - INNOVATE - INVENT

PROGRAMME SCHEDULE

14th - 16th February, 2025

DAY 1: 14/02/2025 (FRIDAY)

TIME	EVENT	VENUE
3:30 PM - 4:30 PM	Reporting Time	Shakespeare Gallery, TT G28
4:30 PM - 5:00 PM	Arrival of Dignitaries	Shakespeare Gallery, TT G28
5:00 PM - 5:45 PM	Inauguration Ceremony	Shakespeare Gallery, TT G28
5:45 PM - 6:00 PM	Refreshments 1	Outside Shakespeare Gallery
6:00 PM - 8:00 PM	Model Development Phase 1	SMV-G26, G29, G17, 127
8:00 PM - 9:00 PM	Dinner	Mess/Canteen
9:00 PM - 11:00 PM	Model Development Phase 2	SMV-G26, G29, G17, 127
11:00 PM - 12:00 AM	Checkpoint - 1	SMV-G26, G29, G17, 127
12:00 AM - 12:15 AM	Refreshments 2	SMV-G26, G29, G17, 127



CHEM-A-THON 6.0

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DAY 2: 15/02/2025 (SATURDAY)

TIME	EVENT	VENUE
12:15 AM - 07:00 AM	Model Development Phase 3	SMV-G26, G29, G17, 127
07:00 AM - 08:00 AM	Checkpoint - 2	SMV-G26, G29, G17, 127
08:00 AM - 09:00 AM	Breakfast	Mess/Canteen
9:00 AM - 11:00 AM	Model Development Phase 4	SMV-G26, G29, G17, 127
11:00 AM - 12:00 PM	Checkpoint - 3	SMV-G26, G29, G17, 127
12:00 PM - 01:00 PM	Lunch	Mess/Canteen
01:30 PM - 05:00 PM	Model Development Phase 5	SMV-G26, G29, G17, 127
05:30 PM - 06:30 PM	Checkpoint - 4	SMV-G26, G29, G17, 127
05:00 PM - 05:30 PM	Refreshments 4	SMV-G26, G29, G17, 127
06:30 PM - 08:00 PM	Model Development Phase 6	SMV-G26, G29, G17, 127
08:00 PM - 09:00 PM	Dinner	Mess/Canteen
09:00 PM - 11:00 PM	Model Development Phase 7	SMV-G26, G29, G17, 127
11:00 PM - 12:00 AM	Checkpoint - 5	SMV-G26, G29, G17, 127



CHEM-A-THON 6.0

INITIATE - INNOVATE - INVENT

DAY 3: 16/02/2025 (SUNDAY)

TIME	EVENT	VENUE
12:00 AM - 12:15 AM	Refreshments 5	SMV-G26, G29, G17, 127
12:15 AM – 7:00 AM	Model Development Phase 8	SMV-G26, G29, G17, 127
7:00 AM – 8:30 AM	Breakfast	Mess/Canteen
8:30 AM – 11:00 AM	Final Presentation & Evaluation	Foodys
11:00 AM - 12:30 PM	Talkshow	Shakespeare Gallery, TT G28
12:30 PM - 1:15 PM	Closing Ceremony	Shakespeare Gallery, TT G28
1:15 PM - 2:30 PM	Gala Lunch	Foodys

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5:30 PM - 6:00 PM	Refreshments 1	Outside Shakespeare Gallery
6:10 PM - 8:00 PM	Model Development Phase 1	SMV-G26, G29, G17, 127
8:00 PM - 9:00 PM	Dinner	
9:00 PM - 11:00 PM	Model Development Phase 2	SMV-G26, G29, G17, 127
11:00 PM - 12:00 AM	Checkpoint - 1	SMV-G26, G29, G17, 127
12:00 AM - 12:15 AM	Refreshments 2	SMV-G26, G29, G17, 127



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08:00 AM - 09:00 AM	Breakfast	
9:00 AM - 11:00 AM	Model Development Phase 4	SMV-G26, G29, G17, 127
11:00 AM - 12:00 PM	Checkpoint - 3	SMV-G26, G29, G17, 127
12:00 PM - 01:00 PM	Lunch	
01:30 PM - 05:00 PM	Model Development Phase 5	SMV-G26, G29, G17, 127
05:00 PM - 05:30 PM	Refreshments 4	SMV-G26, G29, G17, 127
05:30 PM - 06:30 PM	Checkpoint - 4	SMV-G26, G29, G17, 127
06:30 PM - 08:00 PM	Model Development Phase 6	SMV-G26, G29, G17, 127
08:00 PM - 09:00 PM	Dinner	
09:00 PM - 11:00 PM	Model Development Phase 7	SMV-G26, G29, G17, 127
11:00 PM - 12:00 AM	Checkpoint - 5	SMV-G26, G29, G17, 127



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