



B.M.S. COLLEGE OF ENGINEERING, BENGALURU

Autonomous Institute, Affiliated to VTU

Department of Chemical Engineering

AIChE Student Regional Conference 2025

- 1. Name of the Department:** Chemical Engineering
- 2. Name of the Activity:** Student Regional Conference
- 3. Date:** 21-08-2025 to 24-08-2025
- 4. Venue:** CSIR – IMMT Bhubaneshwar Odisha

5. Brief summary of the Programme:

Students from the AIChE chapter of BMS College of Engineering (BMSCE) actively participated in the Student Regional Conference (SRC) 2025, hosted by ICT – IOCB in Bhubaneshwar Odisha. The event, one of the largest exclusive gatherings for chemical engineers in Southern Asia, offered workshops, guest lectures, and competitions aimed at enhancing engineering skills. With over 200 participants from ten different chapters, the BMSCE students competed in various events such as Student Technical Paper Presentation, Poster Presentation, Chem-E- Jeopardy, K-12 and their Flagship event- Verses.

The BMSCE team consisted of 13 students who represented the Chemical Engineering Department, supported by Dr. Samita Maitra, Professor and Dr. Chetan A Nayak, Professor & Head, Department of Chemical Engineering, BMSCE whose guidance played a key role in the team's success.

Ms.Sushmitha Acharya secured first place in Student Technical Paper Presentation for her presentation on – “*Comparative Assessment of Banana Peel-Derived Hydrochar and Modified Hydrochar for Cr (VI) Removal via CCD and ANN Modelling*” and Hemanth Gowda M secured third place in the same for his work on – “*Synthesis of Ruthenium- and Cobalt- based catalyst as a replacement for Platinum in Hydrogen fuel cells*” both under the guidance of Dr. Sainath K, Associate Professor, Dept of Chemical Engineering, BMSCE. P S Sumana secured second place in Student Poster Presentation for presentation on – “*SrO/GO modified 3D-Printed Polylactic Acid monolith for advanced ammonia removal*” under the guidance of Prof. Shabnam



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Siddiqui, Assistant Professor, Dept of Chemical Engineering, BMSCE. Team Eco-Alchemist consisting of Sushmitha Acharya, Shreevathsa, Bhargav D and Umang Sultania won 2nd place in K-12 under the 9th Std – 12th Std category for their impressive model of a Dynamo. Hemanth Gowda M, Bhargav D and Sumedh J also took part in the Chem-E-Car event, and team Superheated Savages qualified for the Chem-e-Jeopardy Semis.

6. Number of participants: 13

SL.N	NAME	USN
1	A V Samanvitha Bhat	1BM22CH001
2	P S Sumana	1BM22CH027
3	Patnam Lekha	1BM22CH028
4	Rishith S	1BM22CH037
5	Varchus R	1BM22CH048
6	Shreevathsa	1BM22CH042
7	Shriharsha R Hegde	1BM22CH044
8	Hemanth Gowda M	1BM23CH400
9	Umang Sultania	1BM23CH063
10	Sumedh J	1BM23CH058
11	Bhargav D	1BM22CH010
12	Sushmitha Acharya	1BM22CH047
13	Madhura Kumar	1BM22CH022



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7. Photographs:



Sushmitha Acharya secured first place in Student Technical Paper Presentation



Hemanth Gowda M secured third place in Student Technical Paper Presentation



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P S Sumana secured second place in Student Poster Presentation



Team Eco Alchemist secured second place in K-12 (9th-12th Category)



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Naimishya SRC 2025 at CSIR-IMMT hosted by ICT-IOCB



Meet with the Principle of BMSCE post SRC 2025



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Hemanth Gowda's Certificate & trophy



K12- Team Certificate & trophy



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Sumana's Certificate & trophy



Sushmitha Acharya's Certificate & trophy