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SusChemE
2.0

International Conference, Exhibition on
Sustainable Chemistry & Engineering



**SusChemE 2023 in Honour of Professor G. D. Yadav,
celebrating his excellence in Chemical Engineering & Research**

**THEME: CATALYZING RESEARCH & TECHNOVATION FOR
A SUSTAINABLE FUTURE**

September 14 - 16, 2023 | Institute of Chemical Technology, Mumbai

www.suscheme.in

Honoring Professor GD Yadav - Celebrating his excellence in Chemical Engineering Research

As the demand for natural resources continues to soar and competition intensifies in emerging economies due to urbanisation and industrialisation, the need for sustainable practices has never been more critical. In response to this pressing challenge, we are proud to announce the second edition of SusChemE, organised by the esteemed **Institute of Chemical Technology (ICT)** in association with **The Catalysis Society of India (CSI)**.

This groundbreaking event serves as a global forum where the worlds of research and industry converge to explore the transformative power of chemistry-driven and engineering technological advancements in achieving sustainable development. SusChemE 2.0 aims to facilitate profound discussions on green chemistry, biochemistry, and other cutting-edge solutions that will shape the future of our societies.

Join us from **14 -16 September 2023** in **Institute of Chemical Technology, Mumbai campus** as we gather thought leaders, industry experts, and scientific minds from across the globe to ignite new possibilities and pave the way towards a more sustainable and prosperous world.

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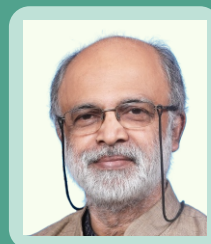
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Honoring Professor G. D. Yadav - Celebrating his excellence in Chemical Engineering Research

Prof. G. D. Yadav

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Emeritus Professor of Eminence (Current titles)
Former Vice-Chancellor
Padmashri Awardee



Professor Ganapati D. Yadav is one of the topmost, highly prolific, and accomplished engineering-scientists in India. He currently holds the titles of National Science Chair (SERB/DST/GOI) and Emeritus Professor of Eminence and is a former Vice Chancellor, Institute of Chemical Technology, Mumbai. He has won over 125 national and international honours, awards, fellowships, editorships, and several Life Time Achievement Awards. He is internationally recognized by many prestigious and rare awards as an academician, researcher and innovator, including his seminal contributions to education, research and innovation in Green Chemistry and Engineering, Catalysis, Chemical Engineering, Energy Engineering, Biotechnology, Nanotechnology, and Development of Clean and Green Technologies. He was conferred Padma Shri, the fourth highest civilian honour for his outstanding contributions to Science and Engineering.



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Event Spectrum

- International Conference
- Keynote Address
- Poster Presentations
- Invited Talks
- Oral Presentations

Highlights

- Exhibition
- CEO Conclave
- Sponsor Showcase
- Networking Dinner
- Journal Publications



International Conference

SusChemE aims to provide a high-profile & internationally renowned forum for research in the area of Green Chemistry, Sustainable Engineering, Clean Technology & Catalysis with the theme of

"CATALYZING RESEARCH & TECHNOVATION FOR A SUSTAINABLE FUTURE"

Delegate Profile: Researches from Institute, R&D Centers, Organizations working in the area of Sustainable Engineering: Clean Technologies and Catalysis.

Event Focus Areas

- Nano Technology
- Clean Energy
- Sustainable Engineering
- Catalytic reactions in which wastes are converted to useful products
- Clean manufacturing replacing toxic chemicals with environmentally friendly catalysts
- New catalytic routes and processes
- Fuel cells
- Catalysis - Prospects and Perspectives for Peace & Prosperity
- Atom economical catalysis
- New catalysis routes
- Homogenous catalysis
- Production of fine chemicals and chiral products
- Catalytic studies at atomic, molecular & nano-scales
- Catalytic preparation and characterization
- Catalytic reaction engineering and scale up
- Micro- and meso-porous catalysts
- Biocatalysis
- Catalysis for Energy
- Catalysis for Water
- Catalysis in biomass conversion
- Hydrogen generation and storage
- Catalysis in air pollution control
- Industrial catalysis
- Fermentation processes
- Chemo-enzymatic catalysis
- Catalytic antibodies
- Enzyme immobilization and stabilization, particularly in non-conventional media
- Bioprocess engineering aspects, e.g. membrane bioreactors
- Computational catalysis
- Catalysis by zeolites
- Bio refinery
- Spectroscopic methods for structural characterization
- New catalytic combustion technologies technologies and catalysts
- Life cycle assessment
- Cavitation

Submission of Abstracts for Oral Presentation & Poster Session

SUSCHEME Welcomes abstracts for Oral Presentation & Poster relevant to the

Focus Areas of the International Conference via the event website www.suscheme.in

All abstracts must be submitted online.

Deadline for Abstracts Submission : 31st July, 2023

Notification of Acceptance: 16th August, 2023

All Papers will be published in the Conference Proceedings and selected papers will be published in highly reputed International Journals.



Conference Delegate Tariff*

Please Note:

- All rates are applicable per person
- 10% discount for 3 or more delegates from the same Organization/ institute

* Accompanying persons are not entitled to attend the Technical Conference.

* Student delegates are not entitled to attend the CEO Conclave Networking Dinner.

Entitlements per Delegates - Access to all sessions

Category	INR ₹	US \$
Standard Delegate	4,000	50
Accompanying person	2,000	25
Student Delegate	1,000	-

*GST 18% Extra

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