



International Conference, Workshop & Sponsor Showcase

**SusChemE**  
**3.0**

Sustainable Chemistry  
& Engineering

SEPTEMBER 09 - 11, 2026 | Institute of Chemical Technology, Mumbai

Honoring

**Prof. M. Lakshmi Kantam**

Celebrating her excellence in area of  
Green Chemistry & Sustainability Engineering



Theme

**The Green Shift**  
Pioneering a Sustainable  
Chemical Industry

Organized By



Supported By



Event Curator

**MM ACTIV**  
Sci-Tech Communications  
Media | Events | Partnering | Advisory



# SusChemE 3.0

( Sustainable Chemistry & Engineering )

SusChemE 3.0 emerges as a premier international convergence of science, engineering, and innovation, where the transformative forces of Green Chemistry and Sustainability Engineering unite to redefine the future. The focal theme of the event is “The Green Shift: Pioneering a Sustainable Chemical Industry,” showcasing how sustainable technologies are revolutionising industries, advancing global progress, and shaping a cleaner, more resilient tomorrow.

Organised by the **Institute of Chemical Technology (ICT)** in association with the **Indian Chemical Society (ICS)**, SusChemE 3.0 convenes visionary researchers, pioneering engineers, global policymakers, and industry leaders to catalyse solutions in clean energy, eco-efficient manufacturing, and the circular economy, while also opening new avenues for partnerships, investment, and market growth.

From **09–11 September 2026** at the iconic **Institute of Chemical Technology, Mumbai**, SusChemE 3.0 invites the world to innovate, engage, and accelerate the transition towards a sustainable chemical industry.

Chief Patron



**Shri Nitin Gadkari**

Hon'ble Minister for  
Road Transport & Highways  
Government of India

Patron



**Prof. M. M. Sharma**

FREng, FRS, FNA, FASc, FNASc,  
FTWAS, C Chem, FRIC (U.K.), C. Eng.,  
FIChE (U.K.), FIChE, FICS, FBRs  
Former Director,  
Institute of Chemical Technology, Mumbai  
Padma Vibhushan Awardee

Patron



**Dr. R. A. Mashelkar**

FRS, FNA, FTWAS, FASc, FNAE, FNASE,  
FCHEME (UK), FIChE, FMASc, FIChE  
Former Chancellor,  
Institute of Chemical Technology,  
Mumbai  
Former Director General CSIR &  
Secretary, DSIR, GoI  
Padma Vibhushan Awardee

Chairman



**Prof. G. D. Yadav**

NAE (US), FNAI (US), FTWAS, FNA, FASc,  
FNASc, FNAE, FISTE, FRSC (UK), ChE,  
FIChE (UK), FIChE, FICS, FMASc, FIChE  
Bhatnagar Fellow (CSIR), National Science  
Chair (GoI)  
Emeritus Professor of Eminence  
& Former Vice Chancellor,  
Institute of Chemical Technology, Mumbai  
Padma Shri Awardee



## **Convenor - SusChemE 3.0**

**Prof. (Dr.) Virendra Kisan Rathod**

Dept. of Chemical Engineering, Institute of Chemical Technology, Mumbai

### **International Advisory Committee**

- **Prof. Yasuhiro Iwasawa**, University of Electro-Communication  
Chofu, Japan
- **Prof. Bala Subramaniam**, University of Kansas, USA
- **Prof. Vivek Ranade**, University of Limerick, Ireland
- **Prof. Matthias Beller**, Leibniz Institute for Catalysis, Germany
- **Prof. Ramani Narayan**, MSU, USA
- **Prof. Michael Doherty**, UCSB, USA
- **Prof. Samir Mitragotri**, Harvard, USA
- **Prof. Anil Mehrotra**, University of Calgary, Canada
- **Prof. Ajayan Vinu**, University of Newcastle (UON), Australia
- **Prof. K. V. Ramanujachary**, Rowan University, USA
- **Prof. R. V. Chaudhari**, University of Kansas, USA
- **Prof. Keshavan Niranjana**, University of Reading, UK
- **Prof. Vikramaditya Yadav**, University of British Columbia, Canada
- **Prof. Flora T. T. Ng**, Waterloo University, Canada
- **Prof. Suresh Bhargava**, RMIT University, Australia
- **Prof A. B. Pandit**, ICT, India

### **National Advisory Committee**

- **Dr. N. Kalaiselvi**, DG, CSIR, New Delhi
- **Dr. Thirumalachari Ramaswami**, Former DST Secretary, Chennai
- **Prof. Paul Ratnasamy**, Former Director NCL, Pune
- **Prof. S. Sivaram**, IISER, Pune
- **Prof. Devang Khakhar**, IIT, Bombay
- **Prof. Indranil Manna**, VC, BITS, Mesera
- **Prof. P. Selvam**, IIT, Madras
- **Prof. B. Mahipal Reddy**, BITS, Hyderabad
- **Prof. V. G. Gaikar**, ICT, Mumbai
- **Prof. Sanjay Mahajani**, IIT, Bombay
- **Prof. Kulamani Parida**, Siksha 'O' Anusandhan University,  
Bhubaneswar
- **Dr. Ajit Sapre**, CTO, Reliance Industries, Mumbai
- **Dr. Raksh Vir Jasra**, Reliance Technology Group, Vadodara
- **Prof. Srinivasan Natarajan**, Indian Institute of Science, Bangalore
- **Shri. Samir Somaiya**, Chairman, GBL Mumbai
- **Shri. Jayantibhai Patel**, Chairman Emeritus,  
Meghmani Organics Ltd.
- **Shri. Vijay Agarwal**, Chairman, Survival Technologies, Mumbai
- **Dr. Kishore Shah**, Chairman, Sauradip Chemicals, Mumbai
- **Shri. Ashwin Desai**, Aether Industries, Surat
- **Dr. Pramod Kumbhar**, Praj industries Ltd, Pune
- **Prof. Anand V Patwardhan**, ICT
- **Prof. Atul Chaskar**, ICT

### **Local Organising Committee**

- **Prof. B. M. Bhanage**, MSU Baroda
- **Prof. A. W. Patwardhan**, ICT
- **Prof. P. R. Gogate**, ICT
- **Dr. C. S. Mathpati**, ICT
- **Dr. V. H. Dalvi**, ICT
- **Dr. S. V. Jadhav**, ICT
- **Dr. Sharad Lande**, Reliance Industries Ltd., Mumbai
- **Dr. Manish D Yadav**, ICT
- **Dr. Avijit Ghosh**, Honorary Treasurer, ICS
- **Prof. Bhaskar Narayan Thorat**, ICT

# EVENT SPECTRUM

- Scientific Conference
- Workshop
- Invited Talks
- Oral / Poster Presentations
- Keynote Address
- CEO Conclave
- Journal Publication
- Networking Dinner

## ▶ EVENT HIGHLIGHTS



**70+**  
Speakers



**1000+**  
Delegates



**5000+**  
Attendees



**10+**  
Countries



**100+**  
Meetings



**100+**  
Posters



## EVENT AGENDA\*

| DAY 1: Wednesday, 09th September 2026   Institute of Chemical Technology, Mumbai,          |  |                                                      |
|--------------------------------------------------------------------------------------------|--|------------------------------------------------------|
| Registration with Tea / Coffee on arrival                                                  |  |                                                      |
| Inauguration of Event                                                                      |  |                                                      |
| Plenary Talk                                                                               |  |                                                      |
| Lunch                                                                                      |  |                                                      |
| Poster Inaugural                                                                           |  |                                                      |
| Workshop Session: Advanced Material Characterization and Interpretation (3 parallel Halls) |  |                                                      |
| Concluding Session                                                                         |  |                                                      |
| DAY 2: Thursday, 10th September 2026                                                       |  | DAY 3: Friday, 11th September 2026                   |
| Registration with Tea / Coffee on arrival                                                  |  | Registration with Tea / Coffee on arrival            |
| Plenary Talk                                                                               |  | Technical Sessions and Oral Presentations            |
| Keynote Address                                                                            |  | Lunch                                                |
| Lunch                                                                                      |  | Poster Sessions                                      |
| Poster Session                                                                             |  | Technical Sessions and Oral Presentations            |
| Technical Sessions and Oral Presentations                                                  |  | Valedictory Function followed by Networking Hi - Tea |
| CEO Conclave                                                                               |  |                                                      |
| Tea / Coffee Break                                                                         |  |                                                      |
| Awards & Recognition                                                                       |  |                                                      |

\* Timings and sessions are subject to change.

# INTERNATIONAL MULTITRACK CONFERENCE

The International Conference at SusChemE 3.0 will serve as a vibrant knowledge hub, where science and industry intersect to address the future of sustainable chemistry and engineering. Designed as a multitrack forum, it offers participants the opportunity to explore emerging trends, engage with disruptive technologies, and gain insights from world-renowned thought leaders.

Nobel Laureates, distinguished scientists, pioneering researchers, and influential industry experts from across the globe will share their expertise through keynote sessions, panel discussions, and interactive dialogues. The conference promises not only to showcase cutting-edge research but also to inspire collaboration, spark innovation, and shape strategies that drive sustainable growth worldwide.

## Event Focus Areas

- Nanotechnology
- 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 & 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
- AI in Catalysis
- Wastewater treatment
- Waste to value added products





# WORKSHOP

## On Advanced Material Characterization & Interpretation

Scheduled on Day 1 of SusChemE 3.0, this workshop will provide powerful insights into material properties through immersive, hands-on sessions with domain experts. Participants will develop practical skills, explore cutting-edge characterization tools, and learn to apply advanced techniques to real-world challenges. With a strong emphasis on practical applications and emerging trends, the workshop offers an invaluable learning experience for researchers, engineers, and professionals committed to advancing sustainable chemistry and engineering.

### ► Conference Delegate Tariff\*

| Category                                       | INR ₹  | US \$ |
|------------------------------------------------|--------|-------|
| Industry Delegate                              | ₹ 6000 | \$ 70 |
| Academia/ Research Institutions/ Professionals | ₹ 5000 | \$ 60 |
| Accompanying Person                            | ₹ 3000 | \$ 35 |
| Student Delegate                               | ₹ 2000 | \$ 30 |

#### Please Note:

- GST Applicable
  - All rates are applicable per person
  - 10% discount for 3 or more delegates from the same Organization/ Institute
  - Delegate registration includes access to Workshops
  - \* Accompanying persons are not entitled to attend the Technical Conference.
  - \* Student delegates are not entitled to attend the CEO Conclave Networking Dinner.
  - \* Registration fees is not transferable.
  - \* Accommodation & Travel is not included in registration fees
- Entitlements per Delegates - Access to all sessions*

## ORAL & POSTER PRESENTATIONS

SusChemE 3.0 welcomes innovative research contributions on topics aligned with the central theme of the event, including Green Chemistry, Sustainability Engineering, Clean Technology, and Catalysis. Through dedicated oral and poster sessions, scholars, scientists, and practitioners will showcase their work, present breakthrough findings, and exchange ideas with peers while gaining valuable insights from eminent experts. These sessions will foster collaboration, enhance international visibility, and provide academic recognition, with selected papers to be published in reputed journals.

SusChemE Welcomes abstracts for Oral Presentation & Poster relevant to the Focus Areas of the International Conference via the event website [www.suscheme.in](http://www.suscheme.in)

*All Papers will be published in the Conference Proceedings and Selected Papers will be published in **Journal of the Indian Chemical Society**.*



### Submission of Abstracts for Oral Presentation & Poster Session

Abstract Submission Deadline : **Closed**

Acceptance Date : **30<sup>th</sup> Jul 2026**

Full Paper Submission : **14<sup>th</sup> Aug 2026**

\*Only papers accepted for Journal Publications.

## ► Sponsorship Opportunities

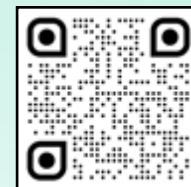
SusChemE offers a wide spectrum of Sponsorship Opportunities suitable for SMEs as well as large corporations from Chemical and its allied industries. Sponsors will gain an incredible amount of visibility and networking opportunities to meet their Business, Corporate and Human Resource objectives.

**Be a Sponsor @ SusChemE 3.0** & engage with the heart of India's advanced chemistry ecosystem to:

- **Network** with policymakers, industry leaders, and academic minds.
- **Showcase** Products/ Services/ Research and leadership via Exhibition & Industry sessions.
- **Access** High-Impact Visibility across conference sessions, exhibition, and networking events.
- **Explore** collaboration with National & International organisations/ institutions.

## ► Sponsorship Categories

- |                             |                      |                       |
|-----------------------------|----------------------|-----------------------|
| • Event Sponsor (Exclusive) | • Silver Sponsor     | • Conference Track    |
| • Platinum Sponsor          | • Conference Co-Host | • Workshop &          |
| • Diamond Sponsor           | • Session Sponsor    | Tutorial Sponsor      |
| • Gold Sponsor              | • R&D Sponsor        | • Gala Dinner Sponsor |



Scan QR Code for more details and entitlements



# Honoring **Prof. M. Lakshmi Kantam**

Celebrating her excellence in area of  
Green Chemistry & Sustainability Engineering



FNA, FTWAS, FNASc, FNAE, FRSC  
Dr. B. P. Godrej Distinguished Professor of  
Green Chemistry and Sustainability Engineering, ICT, Mumbai  
Former Director CSIR-IICT, Hyderabad

Prof. M. Lakshmi Kantam is Dr. B. P. Godrej Distinguished Professor of Green Chemistry & Sustainability Engineering at Institute of Chemical Technology, Mumbai, India. Earlier, she served as Director at CSIR-IICT, Hyderabad. She is an Adjunct Professor at RMIT University, Melbourne, Australia and Honorary Professor at The University of Newcastle, Newcastle, Australia. She is a fellow of Indian National Science Academy, National Academy of Sciences, India; Fellow of The World Academy of Sciences, Italy and Royal Society of Chemistry, UK. Her prizes include Goyal Award - Applied Sciences, Kurukshetra University, Kurukshetra; Indian Chemical Council (ICC) - D. M. Trivedi Life Time Achievement Award; Eminent Scientist Award - Catalysis Society of India and Vasvik award. She is a member of scientific councils, DST, DRDO, GAIL, IIT-Hyderabad, CSIR, DAE. She is Non-Executive Independent Director, Godavari Biorefineries Ltd., Vinati Organics Ltd. and NACL Industries Ltd. She has 41 years of experience in the research, design and development of catalysts for innovative green and economical processes for the chemical industry. She has authored more than 367 publications, 52 patents and five book chapters.





# Chairman's Message

## SusChemE 3.0 Three Objectives, One Global Mission



The chemical and allied industries stand today at the crossroads of responsibility and opportunity. Globally, they are valued at over USD 5 trillion and form the backbone of countless sectors - from energy and healthcare to agriculture and advanced materials. Nationally, India is poised to become one of the top three chemical producers in the world by 2030, with sustainability and innovation at the core of this journey. At the same time, the UN Sustainable Development Goals remind us that growth must go hand in hand with environmental stewardship and societal well-being.

In this context, SusChemE 3.0 is not just a conference or exhibition - it is a mission. The third edition has been crafted around three clear objectives:

1. **Knowledge Leadership** - to bring together Nobel Laureates, global thought leaders, and pioneering researchers for knowledge exchange and discovery of new frontiers.
2. **Industry Engagement** - to foster B2B partnerships, technology adoption, and investments that convert ideas into scalable, real-world solutions.
3. **Societal Impact** - to align research and innovation with national and global sustainability goals, ensuring chemistry and engineering drive a greener, healthier future.

I warmly invite scientists, industry leaders, startups, entrepreneurs, and women pioneers to actively participate in SusChemE 3.0 whether by presenting papers, exhibiting innovations, or contributing to our special Coffee Table Book. Your participation will not only strengthen this dialogue but also help shape the industries and societies of tomorrow.

Together, let us commit to this global mission and make SusChemE 3.0 a milestone in the pursuit of sustainability and progress.



**Prof. G. D. Yadav**

Chairman, SusChemE 3.0

President - Indian Chemical Society

Bhatnagar Fellow (CSIR),

Former National Science Chair (GoI)

Emeritus Professor of Eminence

Former Vice Chancellor, ICT Mumbai



## Venue Institute of Chemical Technology (ICT)

The Institute of Chemical Technology (ICT) in Mumbai is a premier institution renowned for excellence in chemical engineering, pharmaceuticals, biotechnology, and applied sciences. Established with a vision to advance research and education, ICT features state-of-the-art laboratories, modern classrooms, and specialized research centers equipped with advanced technology. Its vibrant academic environment fosters innovation, industry collaboration, and interdisciplinary learning. Strategically located in Matunga, Mumbai, ICT serves as a leading hub for scientific research, industrial partnerships, and academic development, contributing significantly to India's technological and scientific progress.

### Event Secretariat Institute of Chemical Technology

N. M. Parekh Marg, Matunga, Mumbai - 400019  
+91 22 3521 5536 | +91 98330 63558  
secretariat@suscheme.in

### For More Information & Custom Built Sponsorship Opportunities

Denzil D'souza | +91 98214 47064 | denzil.dsouza@mmactiv.com  
Marilyn Fernandes | +91 98330 63558 | marilyn.fernandes@mmactiv.com  
Pooja Kalamkar | +91 83698 96565 | pooja.kalamkar@mmactiv.com

### Delegate Registrations

Tejas Rashinkar | +91 98342 35670 | secretariat@suscheme.in

Organized by



Supported by



Event Curator

**MM ACTIV**  
Sci-Tech Communications  
Media | Events | Partnering | Advisory



Association Partner



**The Colour Society**  
Pioneers in the World of Colour since 1897

Journal Partner



@SusChemE 3.0

