

Accelerating
Industrial Sustainability
& Profitability
through "Green &
Sustainable Chemistry"



2025 2023

2027

<u>IGCW 2017</u>

IGCW 2019

IGCW 2015

IGCW 2013

IGCW 2011





*IGCW-2021 edition was not organised due to the pandemic.



IGCW 2009



Co-organiser







THE 8TH INDUSTRIAL GREEN CHEMISTRY WORLD (IGCW-2025)

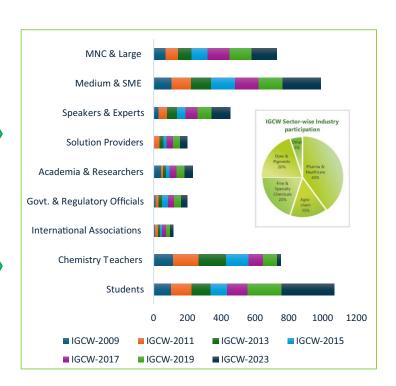
6th - 8th October 2025

The IGCW Convention & EXPO has emerged as a single-most platform that brings together key stakeholders of the global Chemical Industry to intensely engage in expanding the "Green & Sustainable Chemistry" implementation quotient of India.

Since its launch in 2009, the structure and deliverables of IGCW Convention have evolved, incorporating newer dimensions each time that aims to fulfil the emerging requirements and felt-need of the Industry vis-à-vis its "Green & Sustainable Chemistry" based targets and goals.

The 8th IGCW-2025 Convention & EXPO, aims to take this baton further, with a promise to facilitate yet another highly engaging and resourceful ecosystem for all stakeholders.

300+ **Participation** from Chemical **Industry across** India 100+ Green Chemistry **IGCW-2025 Experts from** 9 Technical Industry & Sessions Academia Convention **IGCW EXPO** for **IGCW** for Ecosystem **State Pollution** 40+ Solution **Control Boards Providers IGCW-2025 Awards for** initiatives in 6 categories











The 8th Industrial Green Chemistry World (IGCW-2025) AWARDS

6th October 2025 - Inauguration and Award Ceremony

The Industrial Green Chemistry World (IGCW) Awards are India's premier recognition that aims to acknowledge and encourage the Chemistry Community (Industry, Academia, Researchers, Start-ups, Students, etc.) towards their outstanding contribution to the field of Green & Sustainable Chemistry. The IGCW Awards are felicitated biennially in Mumbai, India.

The IGCW Awards, since its launch in 2009 has received applications from over 250+ practitioners from Industry and Academia, determinedly incorporating the principles of Green Chemistry into chemistry routes, chemical designs, manufacturing practices, etc.

Nomination Categories

- MNC, Large & Medium Scale Companies
- Green Chemistry Start-ups
- Knowledge Community
 - Technology Development firms: Tools, Software, Process technology, Equipment, devices, diagnostics, etc.
 - Students
 - Guides/Researchers from Universities, Research Institutes

The IGCW Awards are India's first and only dedicated accolade that scientifically recognises and consolidates Green & Sustainable Chemistry initiatives across India. To know more about the IGCW Awards, write to connect@industrialgreenchem.com

IGCW-2023 "Green & Sustainable Chemistry" AWARD Winners		
Knowledge Community – Student	Ms. Gunjan Sharma, Research Scholar, Tata Institute of Fundamental Research	
	Ms. Divya Dixit, CSIR-NCl, Pune	
Knowledge Community – Researcher	Prof. Sirshendu De, Professor, Indian Institute of Technology Kharagpur	
Knowledge Community - Solution Provider	Dr. Ninad Gujarathi, Proprietor, Environalgae	
Green Chemistry - Start ups	Mr. Anish Malpani, Founder, WITHOUT by Ashaya	
Industry – Micro	Texochem Industries	
Industry - Small Scale	Banyan Sustainable Waste Management Private Limited	
Industry - Medium Scale	Aquatech Systems Asia Pvt Ltd	
Industry - MNC and Large Scale	Anthem Biosciences	

Industry – • MNC and Large Scale • Medium Scale • Small Scale • Micro Scale • Micro Scale • Green Chemistry Start ups Knowledge Community – • Solution Provider (Technology Development firms: Tools, Software, Process technology, Equipment, devices, diagnostics, etc)

Researcher / Professor

Students



IGCW-2025 Technical Sessions

7th October 2025

Green Chemistry Tools for Process Research

Mentors



Dr. Sudhir Nambiar, CMC Head, Small Molecules CDMO, Syngene International



Dr. Rakeshwar Bandichhor, VP & Head of Chemistry - API R&D, Dr. Reddys Laboratories and Vice-Chair, ACS-India Chapter

- Dr. Bhanu Manjunath, Director - Reseach & Technology Centre, **Syngenta Biosciences Ltd.**
- Dr. Chris Senanayak, Founder, CEO & CSO, TCG GreenChem Inc.
- Dr. David Thaisrivongs, Director - Process Research & Development, Merck & Co Inc, USA

- Dr. Narendra Ambhaikar, Head - API R&D (India Region), **Piramal Pharma Ltd.**
- Dr. Raja Kaliappan Head - R&D, Godrej Industries Ltd. (Chemicals)

Sustainability & Green Chemistry Metrics Mentors

Dr. Anand Sekar, Leader, LCA Global Centre of Excellence. SABIC



Prof. Brijesh Kumar Dubey, Professor - Circular Engineering (Dept. of Civil Engg.) and Chairperson -School of Water Resources, IIT-Kharagpur



Mr. Rajesh Mehta, Senior Consultant, TNO



Ms. Avantika Shastri Manager, Center for Sustainability, Eaton India Innovation Center

Speakers

- Mr. Ananda Sekar, Leader, LCA Global Centre of Excellence, **SABIC**
- Ms. Avantika Shastri, Manager, Centre for Sustainability, Eaton
- Mr. Biju Baby, Co-Founder, Bacuti Inc.
- Prof. Brajesh Dubey, Professor Circular Engineering (Dept. of Civil Engg.) and Chairperson School of Water Resources, IIT-Kharagpur
- Mr. Gulab Malunjkar, Research Scientist LCA, **Dow India Technology Center**
- Mr. Masaaki Toma, Research Planning & Coordination and Dept. of Carbon Neutral Strategy Cross-Functional Team, Sumitomo Chemicals Co, Ltd.
- Mr. Mike Danielson, Industry Lead, Science Based Targets initiative (SBTi)
- Dr. Rajesh Singh, Vice President -Sustainability Consulting, Sphera
- Mr. Rajesh Srinivasaraghavan, Co-Founder, Bacuti Inc.
- Mr. Rajesh Mehta, Senior Consultant Energy & Materials Transition, TNO
- Mr. Sunil Kumar, Director & Head, SIPL Pvt. Ltd.

Conference on "Facilitating Industrial Sustainability & Pollution Prevention using Green Chemistry" for Regulators



Dr. Ajay Deshpande, Adjunct Professor, Centre for Policy Studies, **IIT-Bombay**



Dr. Rakesh Kumar, President. Society for Indoor Environment (SIE): Ex-Director, **NEERI**



Mr. Mahesh Patil, Consultant Sustainability & Environmental Compliance; Ex-Chairman, Goa State Pollution Control **Board**

Speaker<u>s</u>

- Dr. A. Ramesh Kumar, Principal Scientist -Solid & Hazardous Waste Management Division, **CSIR-NEERI**
- Mr. B. R. Naidu, Former Chief Environmental Engineer, CPCB
- Mr. Babubhai Patel, Chairman, Naroda Industries Association CETP
- Prof. Lalit Vashishta, Founder and CEO, Diva Envited
- Dr. Ninad Gujarathi, Proprietor, Environalgae
- Mr. Niroj Mohanty, Managing Director, Core CarbonX Solutions Pvt. Ltd.

- Dr. Prashant Gargava, Director -
- National Cleaner Air Programme (NCAP), **MoEFCC** Dr. Shilpi Kapur, Vice President,
- Environment Management Centre (EMC) Mr. Vishal Budhia, Managing Director, Steam House India
- Dr. K. D. Yadav, Professor, Environmental Engineering Section, Department of Civil Engineering,
 Sardar Vallabhbhai National Institute of Technology (SVNIT)

Renewable Feedstocks for Decarbonization & Sustainability

Mentors



Dr. Sangeeta Srivastava, Executive Director, Godavari Biorefineries Ltd.



Dr. Sasisanker Padmanabhan, Senior Principal Scientist,

Praj Industries Ltd.

- Mr. Vidiyala Ravi, Advisor, Process Safety, PI Industries.

Environment, Health & Safety - Tools & Technologies



Mr. Kumarkrishna Bhattacharjee, Lead- HSE Third party Risk Management, HSE & ES Operations, **Novartis**



Mr. Sushil Kharkwal, Head - EHS. **Alembic Pharmaceutical** Ltd.

Speakers

- Dr. Aditya Gurudanti, Associate Director & Head,
- Stirrup Sustainability Advisory Mr. Ajit Pal Singh, Vice President - EHS, PI Industries Ltd.
- Prof. Lalit Vashishta, Founder and CEO, **Diva Envitec**
- Mr. Murali P. A., Vice President and Head - Health, Safety and Environment, Nayara Energy
- Mr. Pratik Sharma, Corporate Head -Health, Safety, Compliance & Sustainability, Aarti Industries Ltd.
- Mr. Rahul Raman, Principal Engineer, **Kaypear Consulting**
- Prof. Rajgopalan Srinivasan, Professor of DART Lab, Dept. of Chemical Engineering, IIT-Madras
- Mr. Ranga Shingte, Founder, Chairman & MD, **SWASYA Solutions Private Limited**
- Mr. Swapan Kumar, Senior Sustainability Advisor, The ESG Institute
- Mr. Vijay Bhujle, Director, GVS Cibatech Pvt. Ltd.
- Dr. Vanita Prasad, Founder, **Revy Environmental Solution**

- Mr. Akash Singh, Founder & CEO, UnBubble
- Dr. Ashok Panday, Executive Director (Honorary), Centre for Energy and **Environmental Sustainability**
- Prof. Asim Bhaumik, "Associate Editor, Green Chemistry School of Materials Sciences", Indian Association for the **Cultivation of Science**
- Dr. Nirmala Kaushik, Scientist-F and Incharge (Fin.& Acct), Technology Information, Forecasting and Assessment Council (TIFAC)
- Dr. Pramod Kumbhar, President & CTO, Praj Matrix R&D

- Colonel Rohit Dev, Managing Director & Founder,
- Reveille Energy

 Or. Shilpi Kapur, Vice President,
 Environment Management Centre (EMC)
- Mr. Suhas Dixit, CEO, AP Chemi
- Mr. Suhas Baxi, Co-founder & Chairman,
 BiofuelCircle Private Limited
- Prof. Dr. Thallada Bhaskar, Director, CSIR-Advanced **Materials and Processes**
- Research Institute Dr. Vikram Vishal, Professor. Department of Earth Sciences, IIT-Bombay

IGCW-2025 Technical Sessions

8th October 2025

Chemo-Catalysis for Sustainability

Mentors



Dr. Rakshvir Jasra, Sr. VP - R&D, Reliance Industries Ltd.



Prof. Anant Kapdi, Asstt. Professor, Institute of Chemical Technology (ICT) and Associate Editor of Sustainability & Circulatory Now

- Dr. Akshai Kumar Alape Seetharam, Associate Professor, Dept. of Chemistry Head, Centre for Nanotechnology, Indian Institute of Technology, Guwahati
- Ms. Ashwini Kothe, R&D Head, Newreka GreenSynth Technologies Pvt. Ltd.
- Dr. Buddhadeb Chattopadhyay, Associate Professor, Indian Institute of Science Education & Research (IISER)
- Dr. Chiranjeevi Thota, General Manger -R&D, Bharat Petroleum Corporation Ltd.
- Prof. Chris Slootweg, Full Professor -Circular Chemistry, Faculty of Science, University of Amsterdam
- Prof. Dr. D. B. Ramachary, Senior Professor of Chemistry, Catalysis Laboratory, School of Chemistry, University of Hyderabad (UoH)
- Dr. Debabrata Maiti, Institute Chain Professor, Department of Chemistry & Centre for Climate Studies, IIT-Bombay
- Prof. (Dr) Ekambaram Balaraman, Associate Professor Chair, Dept. of Chemistry, **IISER Tirupati**
- Dr. John Warner, Founder, The **Technology Green House**
- Prof. Rajendra Srivastava, Professor, IIT-Ropar
- Dr. Satish Lanke, Founder & MD, Catalogic Technologies LLP
- Dr. Shreeram Joshi, Director, Innovation Development Asia, Evonik India Pvt. Ltd.
- Dr. Thomas Colacot, VP R&D, **Hindustan Platinum Ltd.**

Green Engineering for Process Saftey & Benign Environment



Dr. Sandeep Jain, Sr. Director - Special Technologies -Process R&D, PI Industries Ltd.

Mentors



Dr. Suhas Jawlekar, Associate Director - Process Engineering, Polymorph development & New technology, Dr. Reddy's Laboratories Ltd.

Speakers

- Mr. Abhijeet Kulkarni, Managing Director and CEO, Proburgeon Pvt. Ltd.
- Dr. Aman Desai, Co-Founder and Director, Research, Manufacturing, Operations, Aether Industries Ltd.
- Mr. Bhavik Shah, Head -Flow Chemistry, UPL Ltd.
- Dr. Chandrakanth Gadipelly, Head of Flow Reactors. Amar Equipment Pvt. Ltd.
- Dr. Makarand Pimplapure, Managing Director,
- MakSpeed Technologies Pvt. Ltd.
- Mr. Pradeep Kumar Jain, COO, PI Industries Ltd.
- Dr. Ralph Zhao, Sr. Principal Scientist, Environmental and Process Safety Engineering (EPSE) Lead, Merck & Co Inc, USA

- Dr. Sandeep Jain, Dr. Sandeep Jain, Sr. Director - Special Technologies, PI Industries Ltd.
- Mr. Sangam Shaha, Manager Process Engineering, BASF
- Dr. Sandeep Mohanty, Head API Synthetic & Oncology R&D, Biocon Ltd.
- Dr. Sanket Salgaonkar, Principal Engineer -Autochem Scale-up Systems, Mettler Toledo India Pvt. Ltd.
- Dr. Vishwanath Dalvi, R. A. Mashelkar Assistant Professor, Department of Chemical Engineering, Institute of Chemical Technology

Bio-catalysis: A Powerful tool for Green & **Sustainable Chemistry**

Mentors



Dr. Mofazzal Husain, Associate Director, Bio R&D. Lupin **Manufacturing Solutons**



Prof. Shamlan Reshamwala, Asstt. Professor, Centre of Energy Biosciences, Institute of Chemical Technology (ICT)

- Dr. Santosh Kumar Padhi, Professor, Biocatalysis and Enzyme Engineering Laboratory, Dept. of Biochemistry, School of Life Sciences, University of Hyderabad
- Dr. Pravin Kumar, Founder, Chairman & CSO, Kcat Enzymatic Pvt. Ltd.
- Dr. Saravanan Jothi, Chief Scientific Officer, Shashunmed Life Sciences Pvt. Ltd.
- Dr. Chandrasen Chandwad, Piramal
- Dr. Ahir Pushpanath, Techno Commercial Director - Biocatalysis, bitBiome, Inc.
- Dr. Saravanan Jothi, Chief Scientific Officer, Shashunmed Life Sciences Pvt. Ltd.
- Dr. Abhijit Rathi, GM R&D, Advanced Enzymes Ltd.
- Mr. Nagaraj Maddur, Principal Scientist (Biocatalysis), Advanced **Enzymes Technologies Ltd.**
- Dr. David Thaisrivongs, Director -Process Research & Development, Merck & Co Inc, USA
- Prof. Amit Pratap, Department of Oils, Oleochemicals and Surfactants Technology, Institute of Chemical Technology (ICT), Mumbai

Waste Valorization & Industrial Ecology Mentors



Mr. Ulhas Parlikar, Global Consultant (Waste management, Circular Economy, Policy Advocacy & Coprocessing)

Ms. P. Bineesha, Executive Director, International Institute of Waste Management (IIWM)

• Mr. Ashish Kumar Mishra, Associate General Manager, Regional Operations Head-South, East and West II,

Geoclean (AFR), Adani Cement

- Dr. Debabrata Rautaray, Vice President -Chief Product Development & Innovation Officer, DCM Shriram Ltd.
- Mr. Deepak Kachru, Senior GM -Sales & BD (Industrial & Infrastructure), Aquatech Systems (Asia) Pvt Ltd
- Mr. K. R. Raghunath, Founder & CEO, KIS Group Sustainability²
- Mr. Kunal Godambe, Founder and Managing Director, Greenshift Energy Pvt. Ltd.

- Ms. Parul Nanda, Head of Strategic Sourcing and Solutions,
- Geoclean (AFR), Adani Cement Mr. Shashikanth Bhargava Parcha,
- Founder & MD, Nano Wings Pvt. Ltd.
- Mr. Suhas Dixit, CEO, AP Chemi
- Mr. Surjith Reddy, Executive Director, Dalmia Cement Ltd.
- Mr. Tapas Saha, Senior Vice President -EHS & Sustainability,

Aurobindo Pharma Ltd.

- Mr. Vikram Dhumal, Business Head, Geist Research - Division of Z-Tech India Pvt. Ltd.

Software & Analytical Tools for Green & Sustainable Chemistry

Dr. Kaustav Chakraborty, Team Leader, Laboratory of Advanced Polymer & Organic Chemistry, Solvay Specialities India Pvt. Ltd.



Dr. Srividya Ramakrishnan, Global Head - CDMO DS, Aurigene Pharmaceutical Services Ltd.



Dr. Gautam Samanta, Founder & Director, AGS Pharma Consulting

- Dr. Aruna Khanolkar, Director, Quality by Design (QbD) & Operational Excellence, Cipla Ltd.
- Mr. Gautam Samanta, Director, **AGS Pharma Consulting**
- Ms. Manasa Jayavibhava, Process Engineer.
- Syngene International Ltd.

Speakers

- Dr. Manish Khandagale, Solutions Consultant - Lab Informatics, Revitty Signals
- Mr. Ninad Loke, Tech Lead -Process Engineering,
- Dr. Reddy's Labs Ltd.
- Mr. Rajesh Srinivasaraghavan, Co-Founder, Bacuti







IGCW 2025 EXPO

- The IGCW EXPO is India's first & only platform that brings together "Green & Sustainable Chemistry" solution/ technology providers from across the globe.
- It is an apt opportunity to harness India's burgeoning "Green Chemistry" market
- Offers a conducive ecosystem to engage in one-to-one business interactions with the participating companies.
- Unique value proposition of presenting your technical case studies in subject-specific events to a focused group audience from the Industry.

EXPO Fees	Entitlements
Premium booth (4x2 SqM): INR 2,00,000 (USD 2,450) + Taxes as applicable Standard booth: (2x2 SqM): INR 1,25,000 (USD 1,525) + Taxes as applicable	 Presentation slot in a relevant event of IGCW-2025 Convention (subject to Technical Committee approval) Listing of Company logo & Profile in convention catalogue and website (Pre, during and Post-event) Fabricated shell scheme booth/stall Fascia board with company name, floored carpet, 1 Counter table, 2 chairs, 1 waste basket, 2 spotlights (100 watt each)
	 2 X complimentary delegate entry to attend full convention Participants list with contact information. Social media mentions

Who can exhibit?

Immediate solution providers

- Recycle@Source[™] Technologies
- Zero liquid discharge solutions
- Process Intensification
- Innovative ETP Solutions
- Education, Training & Publications
- Sustainable Recycling Solutions

IGCW EXPO PARTICIPATION

■ Waste - valorisation

Long term solution providers

- Renewable Feedstock, Biomass and Materials
- Bio-based chemicals
- Micro-wave chemistry & engineering

- Biotech / nano tech solutions
- Biomimicry approach solutions

Short term solution providers

- Solvent recovery solutions
- Bio-catalysts
- Sustainable metal catalysts
- Green Additives (surfactant, chelates, reagents, etc.)
- 'Green' reaction medium
- Innovative approach to COD I BOD reduction
- Green start-ups & SME solutions providers
- Green Analytical Chemistry: Efficient Analysis Solutions

Mid term solution providers

- Micro-reactor technologies
- ✓ Flow Chemistry
- Super-critical extractions
- ✓ Ionic liquid solvents
- Switchable solvents
- Solvent free process
- Lifecycle Analysis and Green
 Metrics
- Solar chemistry & engineering solutions

- Industrial ecology approach



















Partnership Opportunities

Participation Capacities



Contribute as Expert, Mentor, Speaker Submit abstract for case-study presentation



Get your GC&E initiatives globally recognised Submit your success case-study for IGCW 2025 Awards



Convey your company's commitment and leadership in GC&E implementation by partnership with the IGCW-2025 convention Contribute as a sponsor & leverage from branding opportunities



Showcase your GC&E based Technology/Product/ Service solutions Participate in IGCW 2025 Expo



Expand your technical understanding of the subject, learn from industry peers, align your company's sustainability goals with GC&E implementation strategies

Participate as a delegate

To know more about any of the above Partnership/Participation opportunities, write to

krishna.padia@industrialgreenchem.com

OR

connect@industrialgreenchem.com

Participation Contribution in INR	
Sponsorship Categories	 Sustainability Partner: 10 Lacs IGCW-2025 Awards Partner: 10 Lacs Green Chemistry / Green Engineering Partner: 7.5 Lacs Technical Session Partner: 5 Lacs Cause Partner: 3 Lacs For details write to krishna.padia@industrialgreenchem.com
Exhibition Fees	 Premium Booth (4x2 SqM): 2 Lacs + Taxes Standard Booth (2x2 SqM): 1.25 Lacs + Taxes For details write to prakash.dussa@industrialgreenchem.com
Participation Fees	 7th OR 8th Oct Any one-day: 12,500 + taxes 6th to 8th Oct Full Convention 25,000 + Taxes For details write to amardeep.gagat@industrialgreenchem.com



INDUSTRIAL GREEN CHEMISTRY, A NEW VISION FOR ONE EARTH, ONE FUTURE



Convention

Ecosystem

6th - 8th October 2025

The Westin Mumbai Garden City

Join us at e-IGCW Social Media

- www.IndustrialGreenChem.com
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- bit.ly/IGCWonLinkedin
- youtube.com/user/IGCW
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Registrations are open now

https://www.industrialgreenchem.com/registration

Industry Partners

Sustainability Partner



Technical Session Partners

Green Chemistry Tools for Process Research





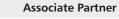
Green Chemistry Partner



IGCW-2025 Awards' Evening Partner



Cause Partner







Media Partners











Green Chemis Tree Foundation

C/o Newreka Green Synth™ Technologies Pvt. Ltd. 405, Mastermind IV, Nr. Royal Palms, Aarey Colony, Goregaon (East), Mumbai - 400 065, India.

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