

8<sup>th</sup>  
**IGCW**  
2025  
industrial green chemistry  
w o r l d

**Convention  
&  
Ecosystem**

6<sup>th</sup> - 8<sup>th</sup> October 2025

The Westin Mumbai Garden City

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



1950

2000

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

**industrial green chemistry**

2027

**IGCW**  
2025

2023

IGCW 2021\*

IGCW 2019

IGCW 2017

IGCW 2015

IGCW 2013

IGCW 2011

IGCW 2009

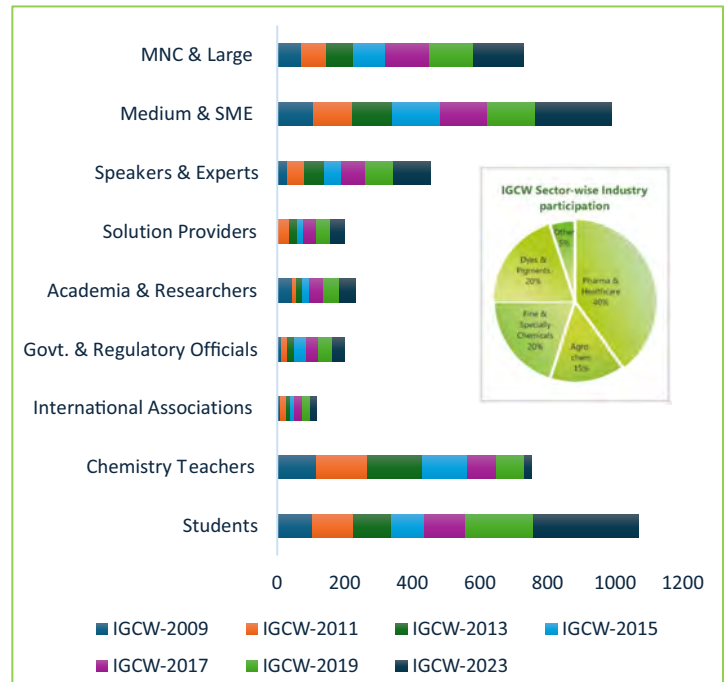
# THE 8<sup>TH</sup> INDUSTRIAL GREEN CHEMISTRY WORLD (IGCW-2025)

6<sup>th</sup> - 8<sup>th</sup> 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.







# The 8<sup>th</sup> Industrial Green Chemistry World (IGCW-2025) AWARDS

6<sup>th</sup> October 2025 - Inauguration and Award Ceremony

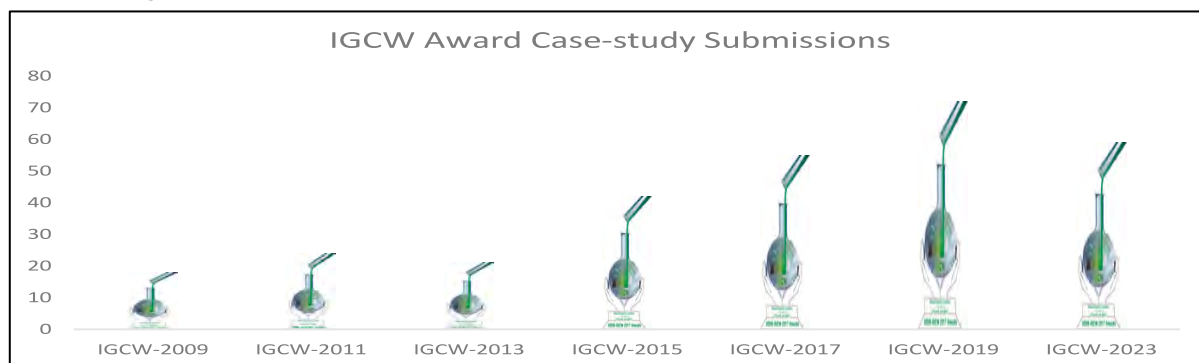
The Industrial Green Chemistry World (IGCW) Awards are India's premier recognition that aims to acknowledge and encourage the Chemistry Community (Industry, Academia, Researchers, Start-ups, Students, etc.) towards their outstanding contribution to the field of Green & Sustainable Chemistry. The IGCW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

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](mailto:connect@industrialgreenchem.com)

## Nomination Categories

- MNC, Large & Medium Scale Companies
- Small-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



## IGCW-2023 "Green & Sustainable Chemistry" AWARD Winners

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





# IGCW-2025 Technical Sessions

7<sup>th</sup> October 2025

With the objective to facilitate and expand the technical understanding of implementing "Green & Sustainable Chemistry", the IGCW Convention has incorporated into its structure, focussed Technical Sessions on 10 topics that are pertinent for the Industry and Research / Academia Institutes. were concurrently held over two days (7th & 8th Nov.). Each Technical Session was designed and organised by Industry/Academia mentors having domain expertise on the specific session topics.

Below is an overview of all the 10 Technical Sessions and the sub-topics to be Covered in each of the Sessions, and the respective Session Mentors:

## IGCW-2025 Technical Sessions, sub-topics



### Green Chemistry Tools for Process Research

- Green Solvent Selection Guide.
- Green Reagent Selection Guide.
- Green & Sustainable Chemistry Solution Provider's Website.
- PMI Metric Tool, etc.



### Sustainability & Green Chemistry Metrics

- Tools & techniques for measuring:
- Carbon Neutrality.
- Net Zero.
- Circular Economy.
- Life Cycle Assessment (LCA).
- Process Mass Intensity (PMI).
- Greeness of Process through DOZN tool, etc.



### Conference on "Facilitating Industrial Sustainability & Pollution Prevention using Green Chemistry" for Pollution Control Board Officers

- Pollution Prevention using Green Chemistry.
- Balancing role of Regulator & Facilitator - Learnings from US EPA.
- Circular Economy, Resource Efficiency.
- Hazardous Waste Management Rules.
- Innovative Initiatives of State PCBs.



### Environment, Health & Safety - Tools & Technologies

- Safety Leadership & Culture.
- Process & Plant Safety.
- EHS Management Systems & Frameworks.
- Digital Tools for EHS.
- Supply Chain Sustainability.
- Incident Analysis & Investigation.



### Renewable Feedstocks for Sustainability

- Utilization of all Carbon Components.
- Platform molecules from renewable feedstock.
- Energy from renewable feedstock.
- Key challenges in moving to renewable feedstock.
- AI & Digital in Biorefinery.
- Bio-fuels & Future Fuels.
- Valorization of food waste.

# IGCW-2025 Technical Sessions

8<sup>th</sup> October 2025

## IGCW-2025 Technical Sessions, sub-topics



### Sustainable Metal Catalysis for Sustainability

- Catalysis using earth abundant metals.
- Reaction in water.
- Recent developments in Catalysis.
- Catalysis for Carbon Capture.
- Catalysis for Air.
- Water & Solid Waste Management.



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

- Basics of Biocatalysis
- Industrial case studies
- Recent developments in Biocatalysis
- Challenges in Bio-Catalysis
- AI & Digital Tools in Bio-Catalysis



### Green Engineering for Process Safety & Benign Environment

- Process Intensification.
- Flow Chemistry.
- Flow Reactors.
- Energy recovery & optimization.
- Mixing & Agitation.
- Process Safety.
- Scale-up Challenges



### Waste Valorization & Industrial Ecology

- Recycle.
- Reuse.
- Recovery of Chemicals from Wastes.
- Zero Liquid Discharge (ZLD).
- Use of waste as raw material in other industry.
- Valorization of Wastes.
- Co-Processing,



### Software & Analytical Tools for Green & Sustainable Chemistry

- Artificial Intelligence & Machine Learning for optimization.
- Process Analytical Tools (PAT).
- Computational Chemistry.
- Design of Experiments (DOE).
- Software tools & Analytical tools like SciFinder-N, SynLED, ASCOC.







# 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
- ✓ Visited by 750+ senior decision makers from Industry, Academia, Research Institutes & Govt. bodies.
- ✓ 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
<p><b>Premium booth (4x2 SqM):</b> INR 2,00,000 (USD 2,450) + Taxes as applicable</p> <p><b>Standard booth: (2x2 SqM):</b> INR 1,25,000 (USD 1,525) + Taxes as applicable</p>	<ul style="list-style-type: none"> <li>• Presentation slot in a relevant event of IGCW-2025 Convention (subject to Technical Committee approval)</li> <li>• Listing of Company logo &amp; Profile in convention catalogue and website (Pre, during and Post-event)</li> <li>• Fabricated shell scheme booth/stall</li> <li>• Fascia board with company name, floored carpet, 1 Counter table, 2 chairs, 1 waste basket, 2 spotlights (100 watt each)</li> <li>• 2 X complimentary delegate entry to attend full convention</li> <li>• Participants list with contact information.</li> <li>• Social media mentions</li> </ul>

## Who can exhibit?

### Immediate solution providers

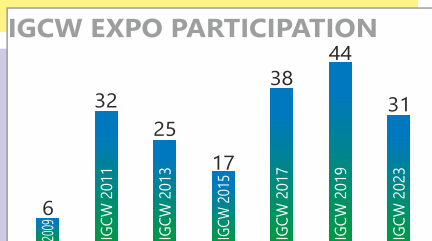
- ✓ Recycle@Source™ Technologies
- ✓ Zero liquid discharge solutions
- ✓ Green process simulation solutions
- ✓ Process Intensification
- ✓ Innovative ETP Solutions
- ✓ Education, Training & Publications
- ✓ Green Consultants & Strategists
- ✓ Sustainable Recycling Solutions
- ✓ Waste - valorisation

### Long term solution providers

- ✓ Renewable Feedstock, Biomass and Materials
- ✓ Bio-based chemicals
- ✓ Micro-wave chemistry & engineering
- ✓ Green substrates
- ✓ Green tech/clean tech solutions
- ✓ Biotech / nano tech solutions
- ✓ 'Green' synthesis route
- ✓ Biomimicry approach solutions

### Short term solution providers

- ✓ Solvent recovery solutions
- ✓ Bio-catalysts
- ✓ Sustainable metal catalysts
- ✓ Green Solvents
- ✓ 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
- ✓ Green Engineering
- ✓ Super-critical extractions
- ✓ Ionic liquid solvents
- ✓ Switchable solvents
- ✓ Solvent free process
- ✓ 'Green' dyes, pigments & inks
- ✓ Lifecycle Analysis and Green Metrics
- ✓ Solar chemistry & engineering solutions
- ✓ Green chemicals & intermediates
- ✓ Low Toxicity Chemicals
- ✓ 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](mailto:krishna.padia@industrialgreenchem.com)  
 OR  
[connect@industrialgreenchem.com](mailto:connect@industrialgreenchem.com)

## Participation Contribution in INR

<b>Sponsorship Categories</b>	<ul style="list-style-type: none"> <li> Sustainability Partner: 10 Lacs</li> <li> IGCW-2025 Awards Partner: 10 Lacs</li> <li> Green Chemistry / Green Engineering Partner: 7.5 Lacs</li> <li> Technical Session Partner: 5 Lacs</li> <li> Cause Partner: 3 Lacs</li> </ul> <p>For details write to  <a href="mailto:krishna.padia@industrialgreenchem.com">krishna.padia@industrialgreenchem.com</a></p>
<b>Exhibition Fees</b>	<ul style="list-style-type: none"> <li> Premium Booth (4x2 SqM) : 2 Lacs + Taxes</li> <li> Standard Booth (2x2 SqM) : 1.25 Lacs + Taxes</li> </ul> <p>For details write to  <a href="mailto:prakash.dussa@industrialgreenchem.com">prakash.dussa@industrialgreenchem.com</a></p>
<b>Participation Fees</b>	<ul style="list-style-type: none"> <li> 7th OR 8th Oct Any one-day : 12,500 + taxes</li> <li> 6th to 8th Oct Full Convention 25,000 + Taxes</li> </ul> <p>For details write to  <a href="mailto:amardeep.gagat@industrialgreenchem.com">amardeep.gagat@industrialgreenchem.com</a></p>

# Past Partners

## Co-organisers



Department of Chemicals & Petrochemicals  
Ministry of Chemicals and Fertilizers  
Government of India

## Industry Partners

IGCW '23 Awards Partner



Inspired by Science

Green Chemistry Partners



Excel Industries Ltd.

Technical Session Partners



Knowledge . Innovation . Excellence



Green Chemistry for Value



Pidilite



Pharmaceutical Roundtable



SABIC



Innovate • Integrate • Deliver



Godavari  
Biorefineries Ltd

CSR Partner



AARTI  
INDUSTRIES®

State PCB Conference Partner



Maharashtra Pollution Control Board  
महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Academia & Research Partner



## Associate Partners



ICC  
Indian Chemical Council



INDIAN SPECIALITY CHEMICALS  
MANUFACTURERS' ASSOCIATION



CONFEDERATION  
OF BIOMASS ENERGY  
INDUSTRY OF INDIA  
Towards a sustainable future



beyondbenign  
green chemistry education



RRMA  
REGULATORY REPRESENTATIVES &  
MANAGERS ASSOCIATION



International Sustainable  
Chemistry Collaborative Centre

## Media Partners

**ChemicalWeekly**

Indian **CHEMICAL** News

**CHEMICAL INDUSTRY  
DIGEST**





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

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Join us at e-IGCW Social Media

-  [www.IndustrialGreenChem.com](http://www.IndustrialGreenChem.com)
-  [twitter.com/IGCW](https://twitter.com/IGCW)
-  [bit.ly/IGCWonLinkedIn](https://bit.ly/IGCWonLinkedIn)
-  [youtube.com/user/IGCW](https://youtube.com/user/IGCW)
-  [facebook.com/IndustrialGreenChemistry](https://facebook.com/IndustrialGreenChemistry)
-  [plus.google.com/+Industrialgreenchem/posts](https://plus.google.com/+Industrialgreenchem/posts)

Twitter  
1230 + network

IGCW website  
Yearly footfall  
8000+ ppl.

Facebook  
200 network

LinkedIn  
8500 +  
network

IGCW Reach-out as on 10<sup>th</sup> July 2023

Cause Partner



Organiser:

  
**Green ChemisTree**  
Foundation

**Green ChemisTree Foundation**

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

Contact: Amardeep Gagat  
Tel.: 8692033336  
Email: [amardeep.gagat@industrialgreenchem.com](mailto:amardeep.gagat@industrialgreenchem.com)  
Fax: +91 22 2879 4790  
Url: [www.greenchemistree.co.in](http://www.greenchemistree.co.in)

[www.IndustrialGreenChem.com](http://www.IndustrialGreenChem.com)