

# TWO-DAY INDUSTRIAL CONFERENCE & EXPO ON ADVANCING IMPLEMENTATION OF GREEN & SUSTAINABLE CHEMISTRY IN INDIA'S LEADING CHEMICAL INDUSTRY HUB – GUJARAT

12-13 October 2022, Hotel REGENTA, Bharuch



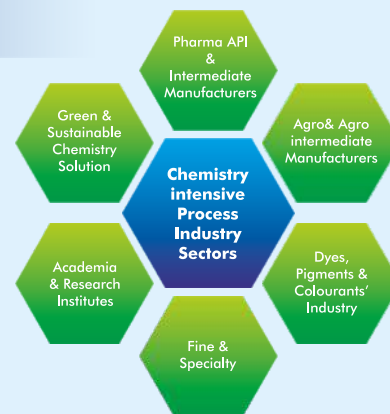
## Conference & Expo Objectives

- Expand technical know-how of Green & Sustainable Chemistry vis-à-vis its potential in reducing effluent load at the source of its generation.
- Facilitate learning from technical experts, best practices, and successful case-studies
- Facilitate cross-sector learnings on innovations and advancements in implementing Green & Sustainable chemistry
- Introduce emerging tools and technologies for addressing issues related to solvent reduction, safer solvents and reagent selection tools, water recycling, “greener” processes, process intensification, etc.
- Facilitate one-to-one interaction with potential and relevant solution providers both from Academia and Industry
- Bring diverse stakeholders together including Industry, Govt. bodies, Regulatory bodies, Associations, etc.

## Target Sectors and audience

The two-day Conference is designed exclusively for the process-intensive chemical industry sectors.

- The day I of the Conference is designed for the Senior Management (Chairman, Managing Directors, Technical Directors, CEOs, etc.)
- Day II of the Conference will be attended by Technical Directors, R&D Heads, Plant and Manufacturing Heads, etc.
- Senior representatives of Industry Associations and Govt. bodies (GPCB, GIDC, GCPC).



## Associate Partners



## Industry Partners

### Cause Partner



### Green Chemistry Partners



## Knowledge Partners



## Media Partners



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**ADVANCING IMPLEMENTATION**  
**OF GREEN & SUSTAINABLE CHEMISTRY IN**  
**INDIA'S LEADING CHEMICAL INDUSTRY HUB – GUJARAT**

**12-13 October 2022, Hotel REGENTA, Bharuch**

**CHIEF-GUEST**



**Shri R. B. Barad, IAS**  
 Chairman,  
 Gujarat Pollution Control Board

**SPEAKERS**



**Dr. Achala Danait**  
 Managing Director,  
 Clariant India Limited



**Dr. Alexis Bazzanella**  
 Director, ISC3 Innovation Hub, Germany



**Mr. Ananda Sekar,**  
 Senior Manager, Operations Support,  
 SABIC R&T India Pvt Ltd



**Mr. David Constable**  
 Science Director, American Chemical  
 Society - Green Chemistry Institute, USA



**Mr. Kumarkrishna Bhattacharjee**  
 Supplier Risk Management,  
 Novartis Healthcare Pvt. Ltd.



**Mahesh Chandak**  
 Head of HSE – South Asia & HSE  
 Business Partner for Crop  
 Science Division-APAC, Bayer Cropsience, India.



**Dr. Mritunjay Chaubey**  
 Global VP- Environment & Sustainability,  
 UPL Ltd.



**Mr. Ravi Kapoor,**  
 Managing Director, Heubach India



**Dr. Sandeep Jain**  
 Associate Vice President -  
 SUN PHARMA



**Mr. Syamal De**  
 GM-Technology, Projects & Operations,  
 Atul Ltd.

**Registration Fees Structure**

**Conference Registration Fees**

	<b>*Industry</b>	<b>Academia</b>	<b>Students</b>
<b>Day I</b>	₹ 8,000	₹ 6,000	₹ 4,000
<b>Day II</b>	₹ 6,000	₹ 4,500	₹ 3,000
<b>Full Conference</b>	₹ 14,000	₹ 10,500	₹ 7,000

\*10% on above Fees structure can be availed by ICC Members

Registration link: <https://www.industrialgreenchem.com/gsc-online-offline-registration/>

**For further Details**

**Green ChemisTree Foundation**

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**Indian Chemical Council - Gujarat**

Phone : +91 265 234 2969

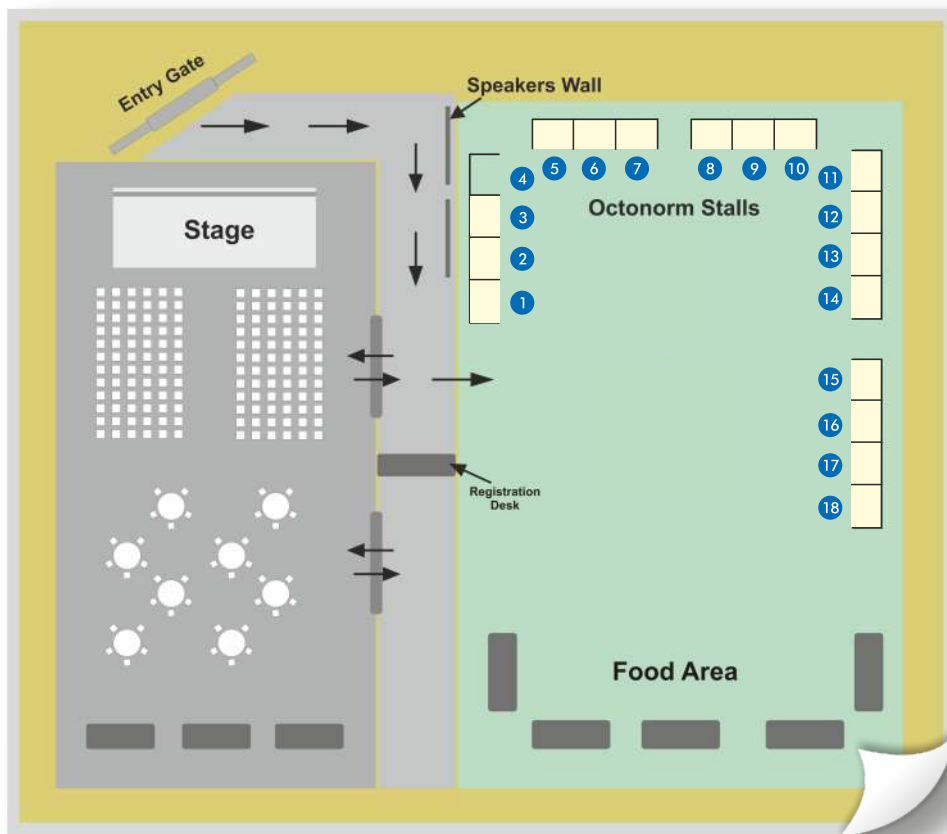
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## EXPO Floor Plan

### Stall Specifications

- 2x2 SqM Shell-scheme booth
- Company name of fascia
- 1 x display table, 2 x chairs, 1 x fan, Plug points
- Other display accessories can be made available on a chargeable basis

### Exhibitors



### For further Details

#### Green ChemisTree Foundation

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## Day I - 12th October 2022 (Wednesday), 9:30 AM to 6:00 PM

**Industry Sectors:** Dyes, Pigments, Agro Chemicals, Pharmaceuticals, other Specialty & Fine Chemicals and all kinds of Intermediates.

**Expected Participants:** 150-200 participants comprising Senior Decision Makers of the Indian Chemical Industry (Directors, CEO, CTO, President, VP, GM, etc).

### Objectives:

1. To understand global & local dynamics related to Sustainability and its impact on Indian Chemical Industry.
2. To understand the perspective of government & regulatory bodies related to environmental policies.
3. To facilitate inter-sector learning (e.g. what dyes & pigment industry can learn from pharma/agro industry's initiatives and vice-versa).
4. To discuss need & relevance of Green & Sustainable Chemistry in process industry and share case studies & best practices.
5. To share innovative technologies like Flow Chemistry, Chemo/Biocatalysis, etc that enable implementation of Green & Sustainable Chemistry.
6. To learn the tools available in the domain Green & Sustainable Chemistry (e.g. Life Cycle Assessment, Solvent Selection Guide, etc).

Time	Speaker, Designation, Company	Topics
09:30 – 10:00	Registration & Refreshments	
10:00 - 10:05	ICC & GCF	Welcome & Prayer
10:05 - 10:15	<b>Mr. Nitesh H. Mehta</b> , Co-founder & Director <b>Green ChemisTree Foundation</b>	Acknowledgement & Creating Context
10:15 - 10:45	<b>Inauguration &amp; Welcome</b> <ul style="list-style-type: none"> <li>• <b>Shri R. B. Barad</b>, IAS, Chairman, <b>Gujarat Pollution Control Board (GPCB)</b></li> <li>• <b>Dr. Bharat Jain</b>, Member Secretary, <b>Gujarat Cleaner Production Center/ENVIS Co-ordinator</b></li> <li>• <b>Shri Ravi Kapoor</b>, Chairman, <b>ICC Gujarat</b></li> <li>• <b>Shri Bimal Goculdas*</b>, President, <b>ICC</b></li> </ul>	
10:45 - 11:15	<b>Dr. Alexis Bazzanella</b> , Director - Innovation Hub, <b>International Sustainable Chemistry Collaborative Centre (ISC3), Germany</b>	Key Note Presentation
11:15 - 12:00	<b>Tea/Coffee Break &amp; Visit Expo</b>	
12:00 - 12:30	<b>Dr. Achala Danait</b> , Managing Director & Head of Regional Innovation & Technology, <b>Clariant India Limited</b>	Perspectives on Sustainability & Clariant's Initiatives
12:30 - 13:00	<b>Mr. Mahesh Chandak</b> , Head of HSE - South Asia and HSE Business Partner for Crop Science Division - Asia Pacific, <b>Bayer India</b>	Importance of a Sustainable Supply Chain to achieve Atmanirbhar Bharat Vision - Insights to improve safety management in chemical industry
13:00 - 13:30	<b>Dr. Sandeep Jain</b> , Head Flow Chemistry & Process Development (Associate Vice President), <b>Sun Pharmaceutical Industries</b>	Achieving Sustainability through technological innovations like Flow Chemistry & Sun Pharma's other Sustainability Initiatives
13:30 - 14:45	<b>Lunch Break &amp; Visit Expo</b>	
14:45 - 15:15	<b>Dr. Mritunjay Choubey</b> , Global Vice President - Environment & Sustainability, <b>UPL Ltd.</b>	Perspectives on Sustainability & UPL's Initiatives
15:15 - 15:45	<b>Dr. Krishnakumar Bhattacharjee</b> , Supplier Risk Management, <b>Novartis India Ltd.</b>	Process Safety - Its relevance & best practices
15:45 - 16:15	<b>Dr. Anand Sekar</b> , Senior Manager - Sustainability Analytics & Operations, <b>Sabir R&amp;T India Ltd.</b>	Life Cycle Assessment (LCA) - Introduction, Value for business & Case Study
16:15 - 17:00	<b>Tea/Coffee Break &amp; Visit Expo</b>	
17:00 - 17:30	<b>Dr. David Constable</b> , Science Director, <b>ACS-Green Chemistry Institute, USA</b>	Driving Green and Sustainable Chemistry Process Improvements: The ACS GCI Pharmaceutical Roundtable Tools.
17:30 - 18:00	Conclusion	
18:00 - 18:30	<b>Visit Expo</b>	

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## Day II - 13th October 2022 (Thursday), 9:30 AM to 6:00 PM

**Industry Sectors:** Dyes, Pigments, Agro Chemicals, Pharmaceuticals, other Specialty & Fine Chemicals and all kinds of Intermediates.

**Expected Participants:** 150-200 participants from Technical teams, R&D, Process Development, Technology Transfer, Production, EHS, etc.

### Objectives:

1. To see the spectrum of Green & Sustainable Chemistry solutions being implemented by other Industries.
2. To facilitate inter-sector learning (e.g. what dyes & pigment industry can learn from pharma/agro industry's initiatives and vice-versa).
3. To explore diverse Green & Sustainable Chemistry Solutions available to address your environmental challenges.
4. To connect with potential Solution Providers and explore possibilities of collaboration with them.
5. To connect with like-minded industry professionals and learn from each other's initiatives.

Time	Speaker, Designation, Company	Topics
09:30 – 10:00	Registration & Refreshments	
10:00 - 10:05	ICC & GCF	Welcome & Prayer
10:05 - 10:10	<b>Green ChemisTree Foundation</b> Representatives	Acknowledgement & Creating Context
10:10 - 10:40	<b>Mr. Shymal De</b> , General Manager, Technology & Operation, <b>Atul Ltd.</b>	Key Note Presentation
10:40 - 10:45	<b>Mr. Nitesh H. Mehta</b> , Co-founder & Director, <b>Green ChemisTree Foundation</b>	Creating Context for Solution Providers
10:45 - 11:05	<b>Mr. Ajay Popat</b> - President, <b>Ion Exchange (India) Ltd.</b>	Advanced Waste Management – ZLD from Concept to Commissioning
11:05 - 12:00	<b>Tea/Coffee Break &amp; Visit Expo</b>	
12:00 - 12:20	<b>Mr. Nagaraj Maddur</b> , Principal Scientist, <b>Advanced Enzyme Technologies Ltd.</b>	Applications of Biocatalysts in pharma and Speciality Chemical industry
12:20 - 12:40	<b>Dr. Arnab Goon</b> - Application Scientist (Gas Chromatography - Mass Spectrometry), <b>Thermo Fisher Scientific India Pvt. Ltd.</b>	Resolve critical Analytical challenges of Environmental samples using Advanced Technologies'
12:40 - 13:00	<b>Mr. P.A.E.S. Srinivas</b> - GM - Technical & Business Development, <b>Sud-Chemie India Pvt Ltd.</b>	Catalysts for protection of environment
13:00 - 13:20	<b>Mr. Lalit Vashista</b> - CEO-Founder, <b>Diva Envitec Pvt Ltd</b>	Cost and Energy saving by Process Intensification
13:20 - 14:20	<b>Lunch Break &amp; Visit Expo</b>	
14:20 - 14:40	<b>Mr. Sangram Gokhale</b> - Consultant – Scientific Solutions, <b>ACS International Ltd.</b>	Green Chemistry: Going green and beyond using CAS SciFindern
14:40 - 15:00	<b>Dr. Jayachandran Nair</b> - CEO, <b>Global Product Compliance (GPC) - India</b>	Global Chemical Regulatory Updates
15:00 - 15:20	<b>Mr. Vikram Dhumal</b> - Head of technology, <b>Geist Research Pvt. Ltd.</b>	Achieving Sustainability in Wastewater Management
15:20 - 15:40	<b>Mrs. Ashwini Kothe</b> - R & D Manager, <b>Newreka Green Synth Technologies Pvt. Ltd.</b>	Recycle@Source in Chemical Processes : Relevance, Impact and Applications
15:40 - 16:20	<b>Tea/Coffee Break &amp; Visit Expo</b>	
16:20 - 16:40	<b>Ms. Aprajita Singh</b> - Technology & Application Scientist, <b>Mettler – Toledo India Private Limited</b>	Sustain culture of process safety
16:40 - 17:00	<b>Mr. Sukhendu Datta</b> - Head Technical Services and Regional Sales Manager – West, <b>Sawant Process Solutions</b>	Sawant Process Solutions – Your Partner for Process Equipment Solution
17:00 - 17:20	<b>TBC</b>	TBC
17:20 - 17:40	<b>Mr. Nikhil Kamble</b> - Sustainability Consultant, <b>SIPL Pvt. Ltd.</b>	Sustainability using Life Cycle Assessment with SimaPro
17:40 - 17:45	Conclusion & Acknowledgement	
17:45 - 18:30	<b>Visit Expo</b>	