

Conference on "Green Chemistry for Speciality & Fine Chemicals Industry Sector"

Date: 17th October'2019 (Thursday)

Expected Participants: CEO, Directors, President, VP, GM, Senior Representatives from Speciality & Fine Chemicals Industry.

Expected No. of Participants: 75+

- Objectives:**
1. To share various business, regulatory, supply chain dynamics happening globally in Speciality & Fine Chemicals Industry related to sustainability.
 2. To share Green Chemistry initiatives, successful case studies, tools, techniques & best practices by large Speciality & Fine Chemicals companies.
 3. To share recent innovations like Flow Chemistry & its successful implementation in Speciality & Fine Chemicals Industry.
 4. To introduce new innovative green chemistry & engineering/environmental solution providers.
 5. To identify challenges, gaps & mindset issues in implementing Green Chemistry and way forward for Speciality & Fine Chemicals Industry.

Timing	Speaker, Designation, Company	Topics	Context & Content/Comments
9:00 am - 9:30 am	Green ChemisTree Foundation Representatives	Welcome, Acknowledgement, Creating Context for IGCW2019, Launching IGCW App	
9:30 am - 10:15 am	Dr. Johannes Benkhoff, Sr. Vice President - Group Chemical Research, Clariant Produkte (Deutschland) GmbH, Germany	Day II Inaugural Keynote Address (Main Auditorium): Going green in chemistry – the Clariant innovation journey	Global trends in environment & sustainability, changing regulatory dynamics for chemical industry, expectations of MNCs from their supply chain, Clariant's initiatives & case study in Green Chemistry & Sustainability.
10:15 am - 11:00 am	Tea/Coffee Networking Break, Visiting IGCW Expo. After break, move to Seminar Halls for parallel sessions.		
11:00 am - 11:10 am	Welcome and Introduction to Conference on "Green Chemistry for Speciality & Fine Chemicals Industry Sector" by Dr. Rahul Nabar, Dept. of Chemical Engineering, IIT-Bombay		
11:10 am - 11:40 pm	Dr. Achala Danait, Vice President, Regional Innovation Centre, Clariant Chemicals (India) Ltd., India	Keynote: Innovating for a Sustainable Future	Global & local trends in Speciality & Fine Chemicals industry, our mindset, gaps & challenges at hand and future direction. Need for green chemistry to achieve sustainability.
11:40 pm - 12:10 pm	Dr. Steve Thomas Pannakal, Principal Scientist & Head (Bio-technology), Center of Excellence for Natural Extracts - Asia, Research & Innovation, L'Oreal India Pvt. Ltd., India	Green Sustainable processes to generate Bio-based Ingredients	Green Chemistry initiatives at L'oreal, successful case studies and impact

12:10 pm - 12:40 pm	Dr. Dhananjay Deulgaonkar, EHS Manager- Innovation Campus Mumbai and Sub Regional Environment Safety Manager- South Asia, BASF India Ltd., India	Sustainability and Responsible Care Excellence at BASF	BASF's commitment to environmental sustainability, EHS tools/best practices used, some successful Green Chemistry & Green Engineering case studies
12:40 pm - 2:00 pm	Lunch Break, Visiting IGCW Expo		
2:00 pm - 2:30 pm	Dr. Laxmikant Patil, Chief Manager - R&D; Dr. Krishnendu Sil, Chief Manager - QA, Excel Industries Ltd., India	Green Chemistry initiatives in Process developments at Excel Industries Limited	Excel's commitment to environmental sustainability, various Green Chemistry case studies around Catalysis, Atom Economy, Safer Solvents, etc. Sharing pilot scale results on Renewable Feedstock to Energy
2:30 pm - 3:00 pm	Dr. Balakrishnan Ganesan, Research Director - Chemical Development Group, Syngene International Ltd., India	My experiences with Flow Chemistry	Case Studies on use of Continuous Flow Reactors for different chemical processes
3:00 pm - 3:30 pm	Mr. R. N. Mohanty, President - Technology, Pidilite Industries Ltd., India	Biopolymers & Adhesives	Green Chemistry & Green Engineering tools and techniques being explored by Pidilite & its impact on economics & environment
3:30 pm - 4:15 pm	Tea/Coffee Break, Visiting IGCW Expo		
	Presentations by 5 Solution Providers		
4:15 pm - 4:30 pm	Dr. Rahul Nabar, Dept. of Chem. Engg., IIT- Bombay, India	Green Chemistry through effective Industry-Academia Collaborations: Challenges and Opportunities	Challenges at the interface of Industry & Academic Collaboration, its need to increase penetration of Green Chemistry in Specialty & Fine Chemicals Industry
4:30 pm - 4:45 pm	Mr. Shirish Paranjpe, Marketing Manager, Godavari Biorefineries Ltd., India	Bio-based Chemicals: Future of the Chemical Industry	
4:45 pm - 5:00 pm	Dr. Paresh L. Dhepe, Principal Senior Scientist, Catalysis & Inorganic Chemistry Division, CSIR-National Chemical Laboratories, India	Contributions from NCL in Green Catalysis	
5:00 pm - 5:15 pm	Mr. Alok Pandit, CEO, Equinox Software & Services Pvt. Ltd., India	Recent Trends in IT enabled Process Engineering	Using information technology solutions to optimize processes to reduce environmental footprint & improve economic performance, new software tools

5:15 pm - 5:30 pm	Mr. Prashant S. Dravid, Director, Systems Sales, SPXFlow Technology (India) Pvt. Ltd., India	Close Circuit Spray Dryers for Pharmaceutical & Chemical Industry, highlighting energy efficiency & modern Safety features	Spray dryers principles, closed circuit dryers, drying products soluble in solvent other than water
5:30 pm - 6:00 pm	Tea/Coffee Break, Visiting IGCW Expo		
6:00 pm - 6:30pm	IGCW2019 Completion Ceremony		

Industry Mentor:

Mr. R. N. Mohanty, President - Technology, Pidilite Industries Ltd., India

IIT Mentor:

Dr. Rahul Nabar, Adj. Associate Professor, Dept. of Chemical Engineering, IIT-Bombay, India

Potential Speakers: