

TECHNICAL SESSION ON GREEN ENGINEERING FOR PROCESS SAFETY & BENIGN ENVIRONMENT

8th November 2023 | The Westin Mumbai Garden City

Expected Participants:

CTO, Director-Technical, President-R&D, GM-Tech Transfer, GM-Production, Senior Scientists & Engineers

Objectives:

- To introduce the 12 Principles of Green Engineering and how it impacts Safety and Environment.
- To discuss potential of Flow Chemistry, new advancements and challenges in implementation.
- To explore new frontiers of synthesis like Mechano-Chemistry.
- To connect with diverse solution providers in the domain of Green Engineering.



Dr. Amol Kulkarni,
Scientist, Chemical
Engineering & Process
Development, **CSIR-NCL**



Session Mentors

Dr. Sandeep Jain,
Sr. Director - Special
Technologies,
PI Industries Ltd.



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

Timing	Speaker	Topic / Title of Presentation
08:30 - 09:30	Registration, Tea/Coffee, Networking, Visiting IGCW Expo	
09:30 - 09:40	Industry & Academic Mentors for the Session	Welcome, Acknowledgement, Self-Introduction & sharing work, Creating Context for the workshop
09:40 - 10:15	 Prof. Paul Anastas, Director, Centre for Green Chemistry & Engineering at Yale	Keynote: Introducing the 12 Principles of Green Engineering
10:15 - 10:45	 Mr. Ninad Loke, Tech Lead - Process Engineering, Dr. Reddy's Labs Ltd.	Enabling technologies in API process development – Green Chemistry metrics
10:45 - 11:15	 Mr. Hari Bukya, GM - Process Safety, Hetero Group	Understanding Process Safety and Process Case Studies
11:15 - 12:00	Tea/Coffee Networking Break, Visiting IGCW Expo.	
	Panel Discussion on Flow Chemistry	
12:00 - 12:45	<p>Moderator:  Dr. Suhas Jawlekar, Associate Director - Process Engineering, Polymorph Development & New technology, Dr. Reddy's Laboratories Ltd.</p> <p>Panel Members:  Dr. Subhash Dhar, Head of Plant Technology, Deepak Nitrite Ltd.</p> <p> Dr. Chandrakanth Gadipelly, Head of Flow Reactors, Amar Equipment Pvt. Ltd.</p> <p> Dr. Gopal Kasat, Global Director Mixing Science Practice, Tridiagonal Software Pvt. Ltd.</p> <p> Dr. Uttamkumar Joshi, Application & Market Development Consultant, Tridiagonal Software Pvt. Ltd.</p> <p> Dr. Sanket Salgaonkar, Principal Engineer, Mettler-Toledo International Inc.</p>	<p> Mr. Bhavik Shah, Lead - Process Engineering & Flow Chemistry, UPL Ltd.</p> <p> Mr. Krut Patel, Director, Shimmer Chemicals Pvt. Ltd.</p>
12:45 - 13:15		Right first-time GREEN scale-up using MixIT
13:15 - 13:45		Green engineering & process sustainability through non isothermal calorimetry studies
13:45 - 15:00	Lunch Break, Visiting IGCW Expo.	
15:00 - 15:05	Industry & Academic Mentors for the Session	Creating context for Solution Providers
15:05 - 15:25	 Mr. Ankit Vyas, CMO, Standard Engineers	Green Engineered Mixing & Agitation Solutions
15:25 - 15:45	 Mr. Chandrakant Sethia, Manager AFR India, Corning Reactor Technologies	Continuous manufacturing through Inherently Safer & Sustainable Technology
15:45 - 16:05	 Dr. Makrand Pimlapure, MD, MakSpeed Technologies Pvt. Ltd.	"MakSpeed Flow Chemistry Systems: A Case for Green Chemistry Advancements"
16:05 - 16:25	 Mr. Abhijeet Kulkarni, MD & CEO, Proburgeon Pvt. Ltd.	Flow Technology for Efficient Processes
16:25 - 16:45	 Mr. Vilobh Shete, Chemical Research & Process Engineer, HEL Group	Vent sizing for Integration of Process Safety & Green Chemistry
16:45 - 17:00	Closing Remarks & Acknowledgements by Session Mentors	
17:00 - 18:00	Tea/Coffee Break, Visiting IGCW Expo	

*Please note that this is a Tentative Agenda, and there might be changes in the topic/title and overall flow of the presentations.

Click here to Register for the Session: <https://www.industrialgreenchem.com/igcw23-online-and-offline-registration/>