

ADVANCING IMPLEMENTATION OF GREEN & SUSTAINABLE CHEMISTRY IN THE PHARMA SUPPLY CHAIN

Conference-cum-Exhibition, Venue: Trident, Hyderabad

28th October 2026 (Wednesday)

Technical Session on Green Chemistry Tools for Process Research



**Session
Mentors**

Dr. Rakeshwar Bandichhor,
Chief Scientific Officer,
Aarti Pharamlabs Ltd.



Dr. Rakesh Ganorkar,
Chief Scientific Officer,
Lupin Manufacturing Solutions

Session Partners



**LUPIN
MANUFACTURING
SOLUTIONS**

**Expected Participants: President/VP/GM - R&D, Process Development Scientists,
Scale-up & Technology Transfer (Approx. 125)**

Timing	Speaker, Designation, Company	Topics
08:30 - 09:30 hr	Welcome, Acknowledgment and Context Setting	
09:30 - 09:40 hr	Welcome & Context setting by the Session Mentors	
09:40 - 10:10 hr	 Dr. Sankar Kuppasamy , Associate Director - Drug Substance Early Phase, Novartis Healthcare Pvt. Ltd.	Solvent Selection Guide
10:10 - 10:40 hr	 Dr. Paul Richardson , Director, Pfizer (Online)	ACS-GCI Pharmaceutical Roundtable Tools - Reagent Selection, Process Mass Intensity (PMI), PMI-LCA
10:40 - 11:30 hr	Tea/Coffee Networking Break, Visiting Exhibition	
11:30 - 11:50 hr	 Dr. Yingju Xu , Senior Principal Scientist, Merck	Green by Design - Process Development with Purpose
11:50 - 12:10 hr	 Dr. Krishnaiah Pendem , Deputy Director, Neuland Laboratories Ltd.	Green Chemistry Case Studies at Neuland
12:10 - 12:30 hr	 Dr. YSS Ganesh , AVP-R&D, Sai Life Sciences Ltd.	Accelerating Sustainable Process Development Through High Throughput Experimentation (HTE)
12:30 - 12:40 hr	 Exhibitor Presentation 1: Ms. Sneha Malika Baddam , Application Manager, VisiMix/Skytech	VisiMix Simulation for Pharma API / BioPharma, CDMO & Formulation Manufacturing
12:40 - 12:50 hr	 Exhibitor Presentation 2: Dr. Daulat Phapale , Technology and Application Scientist - Reaction Analysis (PAT), Mettler-Toledo India Pvt. Ltd.	In-Situ IR and Raman Spectroscopy for Process Chemistry: Enabling Smarter, Greener, and Safer Chemical Processes
12:50 - 13:05 hr	Panel Discussion moderated by Dr. Rakesh Ganorkar	Q&A and Open Discussion with Session Speakers
13:05 - 14:15 hr	Lunch Break, Visiting IGCW Exhibition	
14:15 - 14:35 hr	 Dr. Lokesh Pawar , Senior Director & Head R&D, Piramal Pharma Ltd.	Green Chemistry in Action: Driving Sustainability Through Route Simplification and Flow Technology
14:35 - 14:55 hr	 Dr. Raghu Rangaswamy , CEO, Molecular Solutions Software Pvt. Ltd.	Data-Driven Approaches for Sustainable Process Chemistry: Integrating Green Chemistry Principles
14:55 - 15:05	 Exhibitor Presentation 3: Mr. Ranbir Singh Saluja , Research Scientist, Rasayan AI	Optimising Pharma R&D with Rasayan.ai
15:05 - 15:15 hr	 Exhibitor Presentation 4: Ms. Alka Jayaswal , General Manager - Sales & Marketing, Godavari Biorefineries Ltd.	Building Sustainable Solutions from Renewable Resources
15:15 - 15:30 hr	Panel Discussion moderated by Dr. Rakeshwar Bandichhor	Q&A and Open Discussion with Session Speakers
15:30 - 16:15 hr	Tea / Coffee Break, Visiting IGCW Exhibition	
16:15 - 16:35 hr	 Prof. Debabrata Maiti , Institute Chair Professor, Department of Chemistry & Centre for Climate Studies, IIT-Bombay	Unlocking new chemical space via Selective Catalysis
16:35 - 16:55 hr	 Dr. Saravanan Jothi , Director-Technical Services, Clonzym Technologies Private Limited	Multi-Enzyme Biocatalysis for Sustainable Manufacturing: Selected Case Studies
16:55 - 17:05 hr	 Exhibitor Presentation 5: Dr. Satish Lanke , Founder & MD, Catalogic Technologies LLP.	An Integrated Approach to Precious Metal Catalysis: Catalyst Selection, Application, recycling and metal recovery
17:05 - 17:15 hr	 Exhibitor Presentation 6: Ms. Ashwini Kothe , Head - R&D, Newreka GreenSynth Technologies Pvt. Ltd.	A green chemistry based tool for Nitro to Amine Reduction
17:15 - 17:30 hr	Panel Discussion moderated by Dr. Rakesh Ganorkar	Q&A and Open Discussion with Session Speakers
17:30 - 17:35 hr	Closing Remarks & Acknowledgements by Session Mentors	
17:35 - 18:30 hr	Tea/Coffee Break, Visiting IGCW Exhibition	

ADVANCING IMPLEMENTATION OF GREEN & SUSTAINABLE CHEMISTRY IN THE PHARMA SUPPLY CHAIN

Conference-cum-Exhibition, Venue: Trident, Hyderabad

29th October 2026 (Thursday)

Technical Session on "Emerging Green & Sustainable Chemistry Technologies"



**Session
Mentors**

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



Dr. Srinivas Oruganti,
Director,
Dr. Reddy's Institute of Life Sciences

Session Partners



SUPRIYA LIFESCIENCE LTD.
Creating true values that bind global health

Expected Participants: President/VP/GM - R&D, Process Development Scientists,
Scale-up & Technology Transfer (Approx. 125)

Timing		Speaker, Designation, Company	Topics
08:30 - 09:30 hr		Welcome, Acknowledgment and Context Setting	
09:30 - 09:40 hr		Welcome & Context setting by the Session Mentors	
09:40 - 10:10 hr		Dr. Mukul Lal, Syngenta , Director - R&T, Syngenta International Ltd.	Keynote I: Emerging Enabling Technologies in Crop Protection Research
10:10 - 10:40 hr		Dr. Juan Colberg , Senior Director Technology & Innovation, Global Green Chemistry Leader, Pfizer (Online)	Continuous Manufacturing Approach for Delivering a Robust Green Chemistry and Supply Chain Strategy: A Case Study of Prifetrastat, a Late-Stage Program.
10:40 - 11:30 hr		Tea/Coffee Networking Break, Visiting Exhibition	
11:30 - 11:50 hr		Dr. Mengbin Chen , Senior Scientist, MSD (Online)	After Biocatalysis: Managing Residual Protein in Drug Substance Manufacturing
11:50 - 12:10 hr		Dr. R. Balamurali , Associate Vice President & Head of Technology Platforms, Syngene International Ltd.	From Discovery to Manufacturing: How Syngene Seeds Green Chemistry Through Early Adoption of Flow Chemistry and Electrosynthesis
12:10 - 12:30 hr		Dr. Amol Kulkarni , Chief Scientist & Head, Chemical Engineering & Process Development Division, CSIR-National Chemical Laboratory (CSIR-NCL)	Solvent free continuous synthesis for sustainable manufacturing
12:30 - 12:45 hr		Exhibitor Presentation 1: Dr. Chandrakanth Gadipelly , Principal Research Scientist - Flow Chemistry, Amar Equipment Pvt. Ltd.	Flow Chemistry as an Enabling Technology for Greener and Safer Pharma Supply Chains: Case Studies from AmarFLO™
12:45 - 12:55 hr		Exhibitor Presentation 2: Mr. Chandrakant K Sethia , Manager - AFR India, Corning	From Plan to Plant: Advancing Green and Sustainable Pharma Manufacturing with Flow Chemistry
12:55 - 13:15 hr		Prof. Sandip Murarka , Associate Professor, Dept of Chemistry, Indian Institute of Technology (IIT-Jodhpur)	Unlocking Chemical Space via Photoinduced C-H Functionalization
13:15 - 14:30 hr		Lunch Break, Visiting IGCW Exhibition	
14:30 - 14:50 hr		Dr. Ashwini Nangia , Dean - R&D, UPES University of Tomorrow	Keynote II: Grinding promoted covalent bond formation and supramolecular synthesis
14:50 - 15:10 hr		Dr. Ahir Pushpanath , Techno-Commercial Director Biocatalysis, bitBiome, Inc.	Accelerating the Adoption of Biocatalysis in Pharmaceutical Manufacturing via AI-enabled enzyme and strain design
15:10 - 15:20 hr		Exhibitor Presentation 3: Mr. Nagaraj Maddur , Principal Scientist II, Advanced Enzyme Technologies Ltd.	Recent developments in biocatalysis & complete process guide for the development of Duloxetine, major issues and practical solutions at the production level.
15:20 - 15:30 hr		Exhibitor Presentation 4: Mr. Satyarakesh Medidi - Director and CTO - Flow Rhex® Proburgeon Pvt. Ltd.	Green by Geometry: Case Studies in Making Chemistry Lighter
15:30 - 15:50 hr		Panel Discussion moderated by Dr. Sudhir Nambiar	Q&A and Open Discussion with Session Speakers
15:50 - 16:30 hr		Tea / Coffee Break, Visiting IGCW Exhibition	
16:30 - 16:50 hr		Dr. Donald Welling , Founder & Managing Director, SpheriTech Ltd (Online)	Greening of Peptide Synthesis
16:50 - 17:00 hr		Exhibitor Presentation 5: Mr. Chethan Raju Sundar , Head - Strategy & Business Operations, Flownetics Engineering Pvt. Ltd.	Engineering Sustainability into Scalable Continuous Manufacturing
17:00 - 17:10 hr		Exhibitor Presentation 6: Maneesh Merwade , Director, Anu Yek Rasayan Solutions Pvt Ltd.	Continuous Flow Chemistry - A sustainable Greener Alternative in Pharma Innovation
17:10 - 17:30 hr		Panel Discussion moderated by Dr. Srinivas Oruganti	Q&A and Open Discussion with Session Speakers
17:30 - 17:35 hr		Closing Remarks & Acknowledgements by Session Mentors	
17:35 - 18:30 hr		Tea/Coffee Break, Visiting IGCW Exhibition	