

Organiser:



Co-organiser:



Sustainability Partner:



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

27th evening, 28th & 29th Oct. 2026

Conference-cum-Exhibition, Venue: Trident, Hyderabad

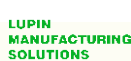
Objectives

- Promote adoption of green & sustainable chemistry tools like solvent & reagent selection guides, and LCA for process research and development.
- Share potential of emerging technologies such as biocatalysis, flow chemistry, electrochemistry, and photochemistry with real-world case studies.
- Enhance safety culture, process safety management, and AI-driven risk mitigation for sustainable pharma operations.
- Address environmental management through sustainability metrics, Scope 1-3 emissions tracking, wastewater treatment, and ZLD technologies.
- Facilitate sharing of best practices among CXOs, senior scientists, and EHS experts.

Date	Session Description	Expected Audience
Inauguration 27-10-2026 6 pm – 10 pm	Inauguration & Leadership Forum (By invitation only) – Sustainability & Green Chemistry in Pharmaceutical Industry – Keynote address by a senior representative from Pfizer, Merck, etc on sustainability in Pharma Industry, expectations of Pharma MNC from Indian supply chain and introducing ACS-Green Chemistry Institute Pharmaceutical round table followed by networking dinner	CXOs, senior decision makers of Indian Pharma Industry
Technical Sessions 28-10-2026 9 am – 6 pm	I) Green Chemistry Tools for Process Research covering following topics – GCIPR tools including Solvent selection, Reagent selection guide, Process Mass Intensity (PMI), LCA and successful case studies	Senior scientists from R&D, process development, technology transfer, etc,
	II) People, Process and Plant Safety for Sustainable Operations covering following topics – safety culture, process safety management, incident analysis, reactive hazard, dust explosion, asset integrity, AI for people and process safety, best practices.	EHS head, EHS managers, safety professionals, etc,
Technical Sessions 29-10-2026 9 am – 6 pm	I) Emerging Green & Sustainable Chemistry Technologies covering topics – Biocatalysis, flow chemistry, electro chemistry, mechano-chemistry, photo chemistry, case studies, etc.	Senior scientists from R&D, process development, technology transfer, etc,
	II) Environmental Sustainability Management - Tools & Technologies covering following topics – Sustainability metrics, LCA, Scope 1, 2 & 3 Emissions, Pharmaceuticals in environment, AI in environmental management system, wastewater treatment & ZLD technologies, best practices, etc.	EHS head, EHS managers, environment professionals, etc,

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Session Partners



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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 Pharmalabs 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 Kuppusamy , 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

28th October 2026 (Wednesday)

Technical Session on "People, Process & Plant Safety for Sustainable Operations"

Session Mentors



Mr. Hari Bukya,
Head - Process Safety,
Hetero Group



Mr. Raju Paradeshi, Central Specialist
(PSM & IH), Global Manufacturing
Operations, **Dr. Reddy's Laboratories Ltd.**



Mr. Bharat Londhe, Head - EHS &
Process Safety Management, **Amneal
Pharmaceuticals Ltd.**

Expected Participants: Head-EHS/Process Safety, VP-EHS/Process Safety, GM-Production, EHS / Process Safety Professionals, etc. (Approx. 125)

Timing		Speaker, Designation, Company	Topics
08:30 - 09:30 hr	Registration, Tea/Coffee, Networking, Visiting Exhibition		
09:30 - 09:40 hr		Welcome & Context setting by the Session Mentors; Acknowledgement and Introduction by GCF representatives	
09:40 - 10:10 hr		Dr. Sudhir Nambiar , CMC Head Small Molecules, Syngene International Ltd.	Keynote I: Integrating safety, green chemistry and sustainability toward building a safety culture in the workplace.
10:10 - 10:40 hr		Dr. Y. Gangadhar Reddy , Deputy Chief of Inspector of Factories, Telangana State Government	Legal Compliance for Chemical / Pharmaceutical Industries
10:40 - 11:30 hr	Tea/Coffee Networking Break, Visiting Exhibition		
11:30 - 11:50 hr		Mr. Prasad Nishtala , Director, Basic Elements	Fire Prevention using IoT
11:50 - 12:10 hr		Mr. Pawan , Founder & CEO, Sparrow Risk Management Pvt. Ltd.	Process Safety and alarm rationalization for incident monitoring as per CCPS
12:10 - 12:30 hr		Mr. Vijay Bhujle , Director, GVS Cibatech Pvt. Ltd.	Measures during Drying for safer plant operation
12:30 - 12:50 hr		Mr. Jitendra Kumar , CEO, FET Solutions Pvt. Ltd.	Combustible Dust and Powder Safety
12:50 - 13:10 hr		Panel Discussion moderated by Mr. Hari Bukya	Open Discussion and Q&A with Session Speakers
13:10 - 14:30 hr	Lunch Break, Visiting IGCW Exhibition		
14:30 - 14:50 hr		Mr. Siddalingesha CS , Senior Manager - Process Safety, Syngene International Ltd. (Invited)	Chemical Reaction Hazard Management & Explosions
14:50 - 15:10 hr		Dr. Samson Ponselvan , Vice President & Head - EHS & ESG, Viyash Scientific Ltd.	Keynote II: Psychological Safety and Behaviour-Based Safety
15:10 - 15:20 hr		Exhibitor Presentation 1: Mr. Vilobh Shete , Field Application Specialist, H.E.L. Group	Engineering Greener Reactions: The Synergy of Safety, Sustainability and Flow Chemistry
15:20 - 15:40 hr		Panel Discussion moderated by Mr. Raju Paradeshi	Open Discussion and Q&A with Session Speakers
15:40 - 16:30 hr	Tea / Coffee Break, Visiting IGCW Exhibition		
16:30 - 16:50 hr		Ms. Arun Shourie , Senior Manager - Risk Services, Cholamandalam MS Risk Services Ltd.	Integrating Process Safety into the Project Design Life Cycle - A Stage Wise Approach to Process Safety
16:50 - 17:00 hr	 	Exhibitor Presentation 2: Mr. Vishwanath Nayak , Manager - Technical & Ms. Vishnu Priya Panguluri , Manager - BD & Technical, Enthalpy Labs Pvt. Ltd.	Process Safety Approach & Capability of Enthalpy
17:00 - 17:10 hr		Exhibitor Presentation 3: Mr. Janakartik Ganeshkumar , Management Associate, GVS Cibatech Pvt. Ltd.	Runaway Reaction during Intermediate Hold-up
17:10 - 17:25 hr		Panel Discussion moderated by Mr. Hari Bukya	Open Discussion and Q&A with Session Speakers
17:25 - 17:30 hr		Mentors for the Session	Closing Remarks & Acknowledgements
17:30 - 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 "Environmental Sustainability Management - Tools & Technologies"



**Session
Mentors**

Mr. Rajendra Patil, Founding Member,
RP Associates; Former Corporate Head
- EHSS, **Syngene International**



Mr. Mohan Rangaraj, Assistant
General Manager - Corporate
Sustainability, **Sai Life Sciences Ltd.**

Session Partners



Expected Participants: Chief Sustainability Officer, Head/VP - Environment, GM - Sustainability, Environment, EHS Professionals, etc. (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	 Mr. Ramachandra Pandian , Retired Vice President - Health, Safety & Sustainability, Pidilite Industries Ltd.	Keynote I: Sustainability targets are now engineering projects: what has to change inside the plant by 2030
10:10 - 10:40 hr	 Mr. Jayateerth Nadgir , Sr. Vice President, CEO, Murugappa Water Technology & Solutions (Invited)	Keynote II: Water quality and emerging contaminants: what the Indian data actually shows
10:40 - 11:30 hr	Tea/Coffee Networking Break, Visiting Exhibition	
11:30 - 11:50 hr	 Mr. R. Thilakar , Senior Director - Environment, Deccan Chemicals Pvt. Ltd.	What global customers will demand from Indian suppliers by 2027
11:50 - 12:10 hr	 Mr. Veer Panwar , General Manager - EKI Sustainability Services, EKI Energy Services Ltd.	India's Carbon Market, CCTS, MRV & verification readiness, and the evolving roadmap for the pharma and chemicals sector
12:10 - 12:30 hr	 Mr. Sujain Jain , Founder, ReCirculytics	Practical perspectives on Extended Producer Responsibility (EPR), circularity, and regulatory compliance as they apply to the pharma supply chain
12:30 - 12:50 hr	 Mr. Mehul Tatia , - Director - Sustainability and Value Transformation, iBT, PricewaterCoopers (PwC) India	Transforming Pharma Sector: Net Zero Studio's Approach to Cost Reduction and Decarbonization through Technology and Engineering Innovations
12:50 - 13:10 hr	Panel Discussion moderated by Mr. Rajendra Patil	Q&A and Open Discussion with Session Speakers
13:10 - 14:15 hr	Lunch Break, Visiting IGCW Exhibition	
14:15 - 14:35 hr	 Mr. Rajesh Deshpande , Managing Director, Energetic Consulting Pvt. Ltd.	Operating sustainably - Transition from annual energy audit to Continuous monitoring simulators for pharma and chemical utilities
14:35 - 14:55 hr	 Ms. Shaily Maloo , Founder & Director, Pwaves Solutions Pvt. Ltd.	Product Carbon Footprint (PCF) and Life Cycle Assessment (LCA) - Practical Perspectives for Pharma Industry
14:55 - 15:15 hr	 Exhibitor Presentation 1: Mr. Rajendran Kumaresan , Chairman & Managing Director, SNF India Pvt. Ltd.	SNF ESG & Sustainability Practices & Your Sustainable Partner in Water Treatment
15:15 - 15:35 hr	Panel Discussion moderated by Mr. Mohan R.	Q&A and Open Discussion with Session Speakers
15:35 - 16:15 hr	Tea / Coffee Break, Visiting IGCW Exhibition	
16:15 - 16:35 hr	 Prof. Satish Regonda , Associate Professor, Dept. of Civil Engineering, Dept. of Climate Change, Indian Institute of Technology (IIT-Hyderabad)	Water Stewardship for Industry: From Water Accounting to Climate Resilience□Preparing for Droughts and Floods
16:35 - 16:55 hr	 Mr. V. Shivkumar , VP- Business development, GVS Cibatech Pvt. Ltd.	API in Waste Water - Understanding and Managing the Risk
16:55 - 17:05 hr	 Exhibitor Presentation 2: Mr. Sunil Kumar , Director, SIPL Pvt. Ltd.	Simapro Software solutions for Life Cycle Assessment (LCA)
17:05 - 17:15 hr	 Exhibitor Presentation 3: Mr. Pramod Hande , VP - Sales, LabGuard India Pvt. Ltd.	
17:15 - 17:35 hr	Panel Discussion moderated by Mr. Rajendra Patil	Q&A and Open Discussion with Session Speakers
17:35 - 17:40 hr	Closing Remarks & Acknowledgements by Session Mentors	
17:40 - 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



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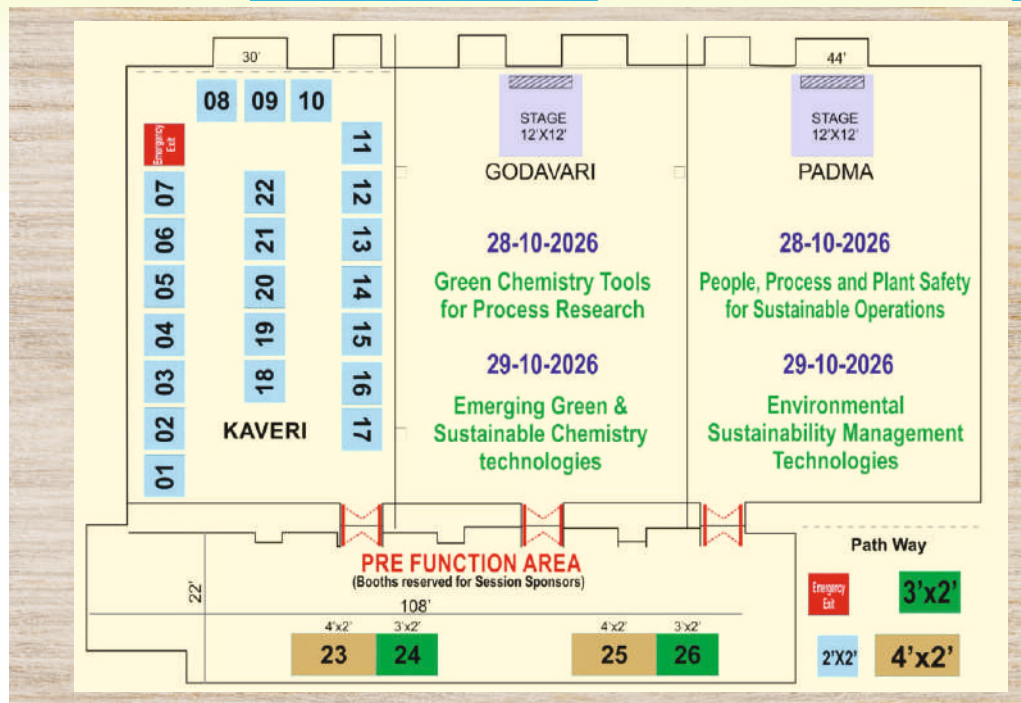
**Expected Participants: President/VP/GM - R&D, Process Development Scientists,
Scale-up & Technology Transfer (Approx. 125)**

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	

EXHIBITION

30 solution providers offering diverse green and sustainable chemistry solutions showcasing their innovative technologies in the domain of Flowchemistry, Biocatalysis, Chemocatalysis, process and plant safety, sustainability, waste water treatment, recovery of byproducts, ZLD, etc.

FLOOR PLAN



ISC3 STARTUP BOOTHS



OUR EXHIBITORS



Organiser:



Green ChemisTree Foundation

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

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For updates
and Registration
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