

Catalyst & Solvent Strategies

10 Jul 2026 - 10 Jul 2026

CONFERENCE PROGRAMME

Friday, 10th July 2026

08:00	**Registration**
09:00	**Inaugural Session**
09:00	**Introduction to Glostem** **Tavleen Thakur** , Associate Manager , Glostem Private Limited , India
09:10	**Welcome Address by CEO, Glostem** **Sanjay Bajaj** , CEO & MD , Glostem Private Limited , India
09:20	**Address by ISCB** **Anamik Shah** , President , Indian Society of Chemists & Biologists , India
09:30	**Address by CSI** **Raksh Vir Jasra** , President , The Catalysis Society of India , India
09:40	**Address by Guest of Honor** **Bhalchandra Bhanage** , Vice Chancellor , The Maharaja Sayajirao University of Baroda , India
09:50	**Keynote Session: India's Reaction Engineering Future: Efficiency, Sustainability & Scale** Why solvent and catalyst selection are the biggest levers for industrial competitiveness. The shift toward green chemistry, biocatalysis, and low-carbon processes. India's opportunity to lead in sustainable reaction engineering
09:50	Keynote Presentation **Catalysts & Solvents: The Key to Sustainable Industrial Competitiveness** **Vinod Kansal** , Founder , Kantech Research Solutions , India
10:20	**SESSION 1- ADVANCED SOLVENT SELECTION FOR INDUSTRIAL CHEMISTRY** **Theme**: Critical Issues in Solvent Choice: Mechanistic & Practical Perspectives
10:25	**Residual Solvent Analysis as per ICH and USP Guidlines** **Deepak Chatur** , Founder , Glow Pharma Institute , India

10:45	**Solvent Recovery as a Profit Center: Engineering for Reuse and Purity** **Sanjiv Bhawar** , Site Head - API , Biocon , India
11:05	**Networking Tea Break**
11:30	**SESSION 2- GREEN & ALTERNATIVE SOLVENTS FOR SUSTAINABLE MANUFACTURING** Theme: Replacing Traditional Solvents Without Compromising Yield
11:35	**Green Solvents in Practice: Ionic Liquids, Deep Eutectic Solvents, and Bio Based Media** **Mukesh Sharma** , Chief Manager - Innovation , ClimaCrew , India
11:55	**“In-Water” Organic Reactions: Opportunities and Challenges of Water as a Sustainable Reaction Medium** **Dinesh Kumar** , Associate Professor , NIPER, Ahmedabad , India
12:15	**Reducing VOCs and Waste: Sustainable Solvent Management Strategies for Indian Plants** **Parikh Vrajesh** , Executive Director Technical , Gujarat Alkalies and Chemicals Limited , India
12:35	**Group Photograph**
12:45	**Lunch & Networking**
13:30	**SESSION 3- CATALYST SELECTION, SCALABILITY AND DEACTIVATION CONTROL** **Theme**: Choosing the Right Catalyst for Industrial Feasibility
13:35	**Catalyst Development for Vapour Phase Heterogenous Catalysis** **Rustom Cursetji** , Ex -Advisor R&D , Sud-Chemie India Pvt Ltd , India
13:55	**Catalysts for Chiral Molecules: Designing for Selectivity and Yield** **Surendra Singh** , Professor, Chemistry , University of Delhi , India
14:15	**Maximizing Catalyst Longevity: Deactivation, Solvent Effects, and Regeneration Strategies** **Ganapati V. Shanbhag** , General Manager, Zeolite R&D , Tatva Chintan Pharma Chem Ltd. , India
14:35	**Enabling Efficient, Selective, and Scalable Catalysis with improved Metal Utilization** **Nilofar Khan** , National Sales & Business Development Manager, Process Catalysts , BASF , India
14:55	**SESSION 4- BIOCATALYSIS FOR SUSTAINABLE REACTIONS** **Theme**: The Fastest-Growing Catalyst Platform in India
15:00	**Biocatalysis and Challenges in Biocatalyst Use: Residual Protein, Filtration, and Purity Control** **Nagaraj Maddur** , Principal Scientist II , Advanced Enzyme Technologies Limited , India
15:20	**Solvent Tolerance and Cofactor regeneration in Biocatalytic Systems For Sustainable Technologies** **Kumaraguru Thenkrishnan** , Scientist-E , CSIR-IICT , India
15:40	**Tea Break**

16:00	**SESSION 5- SOLVENT–CATALYST SYNERGY FOR CHEMICAL SYNTHESIS** **Theme**: Engineering Solvent Systems for Maximum Reuse
16:05	**Co-optimized PGM Catalysts for Diverse Reaction Media and Robust Recyclability at Scale** **Kshudiram Mantri** , General Manager – Head, HetCat R&D (Catalyst & Chemicals) , Hindustan Platinum Pvt. Ltd. , India
16:25	**Advancement in Polyolefins Catalyst System** **Priyanshu B Vyas** , Team Lead, Polymer R&D , Reliance Industries Limited , India
16:45	**AI-assisted Literature Review - Catalyst Screening, Solvent Recommendation, Process Optimization etc.** **Vaibhav Gandhi** , Director and Professor, Tinkering Hub, Faculty Development and Updation, Computer Science , Parul University , India
17:05	**Panel Discussion: “Catalyst and Solvent Technologies Shaping the Future of Manufacturing”** **Moderator** - Sandeep R. Patil, Associate Professor and Program-Chair, Chemistry, Navrachana University **Panelist** - D A Thaker, R&D Scientist, Transpek-Silox Industry Limited **Panelist** - Keshav Deo, Director, Ami Lifesciences **Panelist** - Rohit Ravikant Soni, Managing Director, Advait Pharmachem **Panelist** - Anjali Patel, Senior Professor, The Maharaja Sayajirao University of Baroda
17:45	**Closing Remarks & Vote of Thanks**
17:45	**Closing Remarks & Vote of Thanks** **Sanjay Bajaj** , CEO & MD , Glostem Private Limited , India