

**CATALYST & SOLVENT**  
 Strategies For Efficient & Scalable Industrial Chemistry  
 July 10, 2026, Vadodara  
 One Day Technical Conference - For Industry Scientists  
 (API, Intermediates, Chemicals, Paints & Dyes)  
 #CNS26

## Catalyst & Solvent Strategies

10 Jul 2026 - 10 Jul 2026

### CONFERENCE PROGRAMME

#### Friday, 10th July 2026

08:00	<b>Tentative Programme</b>
09:00	<b>Inaugural Session</b>
09:30	<p><b>Plenary Session: India's Reaction Engineering Future: Efficiency, Sustainability &amp; Scale</b></p> <p>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</p>
10:00	<p><b>Session 1- Advanced Solvent Selection for Industrial Chemistry</b></p> <p><b>Theme:</b> Critical Issues in Solvent Choice: Mechanistic &amp; Practical Perspectives</p>
10:45	<b>Networking Tea Break</b>
11:15	<p><b>Session 2- Green &amp; Alternative Solvents for Sustainable Manufacturing</b></p> <p>Theme: Replacing Traditional Solvents Without Compromising Yield</p>
12:00	<p><b>Session 3- Solvent Recovery &amp; Recycling: Engineering Solvent Systems for Maximum Reuse</b></p> <p><b>Theme:</b> Engineering Solvent Systems for Maximum Reuse</p>
12:45	<b>Lunch &amp; Networking</b>
13:45	<p><b>Session 4- Catalyst Selection: Homogeneous, Heterogeneous &amp; Biocatalysts</b></p> <p><b>Theme:</b> Choosing the Right Catalyst for Industrial Feasibility</p>
14:30	<p><b>Session 5- Biocatalysis for Modern Industrial Chemistry</b></p> <p><b>Theme:</b> The Fastest-Growing Catalyst Platform in India</p>
15:15	<b>Tea Break</b>

15:30	<p><b>Session 6- Catalyst Stability, Reusability &amp; Deactivation Control</b></p> <p><b>Theme:</b> Maximizing Catalyst Lifetime to Improve Profitability</p>
16:15	<p><b>Session 7- Solvent-Catalyst Synergy for High Efficiency Reactions</b></p> <p>Theme: Designing the Ideal Reaction Environment</p>
17:00	<p><b>Panel Discussion: “Catalyst and Solvent Technologies Shaping the Future of Manufacturing”</b></p> <ul style="list-style-type: none"> <li>• Which catalyst and solvent technologies will define the next decade of manufacturing</li> <li>• Emerging trends: biocatalysis, green solvents, DES, ILs, supported catalysts</li> <li>• How India can leapfrog by adopting next-gen reaction technologies early</li> <li>• Why biocatalysis is becoming essential for chiral molecules and green routes</li> <li>• Overcoming challenges: residual protein, enzyme stability, solvent tolerance</li> <li>• The role of catalyst selection kits and high-throughput enzyme screening</li> <li>• How Indian pharma can accelerate biocatalytic route adoption</li> </ul>
17:30	<p><b>Closing Remarks &amp; Vote of Thanks</b></p>
17:40	<p><b>Presentation of Academic Innovations through Digital Posters</b></p> <p>Digital Poster Presentations on Catalysis, Biocatalysis, Green solvents, Reaction engineering and Process intensification</p>
18:30	<p><b>Networking Dinner</b></p>