

| <b>IGCW2025 - Technical Session on Renewable Feedstocks for Decarbonization &amp; Sustainability</b><br><b>Venue for IGCW2025: Hotel Westin Mumbai Garden City, Goregaon (E), Mumbai, India</b><br><b>Date for this Technical Session: 7th October'2025 (Tuesday)</b><br><b>Expected Participants: Chief Sustainability Officer, VP or GM - Technology, Senior Scientists, Supply Chain &amp; Sustainability Professionals</b><br><b>Expected No. of Participants: approx. 30 - 40</b><br><b>Objectives:</b> <ol style="list-style-type: none"> <li>1. To explore potential of conversion of Biomass to Chemicals &amp; Energy using Pyrolysis and other options.</li> <li>2. To explore CO<sub>2</sub> as an alternative feedstock to derive Chemicals.</li> <li>3. To discuss availability of Renewable Feedstock to meet our requirement of Chemicals.</li> <li>4. To engage with Biomass Supply Chain and see deployment of AI / ML there.</li> <li>5. To give opportunity to Start-ups (in the domain of Renewable Feedstock) to share their innovative products.</li> </ol> |   |  |                            |
|---|---|--|----------------------------|
| Timing  | Speaker, Designation, Company   | Topics   | Context & Content/Comments |
| 8:30 - 9:30 hr  | Registration, Tea/Coffee, Networking, Visiting IGCW Expo  |  |                            |
| 9:30 - 9:40 hr  | Mentors for the Session   | Welcome, Acknowledgement, Self-Introduction & sharing work, Creating Context for the workshop, Introducing Keynote Speaker                   |                            |
| 9:40 - 10:15 hr   | Dr. Ashok Pandey, ED, <b>Centre for Energy &amp; Environmental Sustainability</b>   | <b>Keynote:</b> Title to be confirmed  | 30 min PPT, 5 min Q&A      |
| 10:15 - 10:50 hr  | Dr. Pramod Kumbhar, President & CTO, <b>Praj Matrix R&amp;D</b>   | <b>Keynote:</b> Biorefineries: Making every carbon count   | 30 min PPT, 5 min Q&A      |
| 10:50 - 11:30 hr  | Tea/Coffee Networking Break, Visiting IGCW Expo.  |  |                            |
| 11:30 - 12:00 hr  | Dr. Vikram Vishal, Professor, Department of Earth Sciences, <b>IIT-Bombay</b>   | Carbon capture, utilization and storage (CCUS) – A roadmap for India   | 25 min PPT, 5 min Q&A      |
| 12:00 - 12:30 hr  | Dr. Asim Bhoumik Associate Editor, <b>Green Chemistry, School of Materials Sciences, Indian Association for the Cultivation of Science</b>  | CO <sub>2</sub> as Feedstock for the Synthesis of Fuels and Chemicals over Porous Nanocatalysts  | 25 min PPT, 5 min Q&A      |
| 12:30 - 13:15 hr  | <b>Moderator:</b> Dr. Sangeeta Srivastava, Executive Director, <b>Godavari Biorefineries Ltd.</b><br><b>Panel Members:</b> <ol style="list-style-type: none"> <li>1. Dr. Pramod Kumbhar President &amp; CTO, <b>Praj Matrix R&amp;D</b></li> <li>2. Dr. Nirmala Kaushik, Scientist-F and In-charge (Fin.&amp; Acct), <b>Technology Information, Forecasting and Assessment Council (TIFAC)</b></li> <li>3. General Manager - India Advanced Research, Open Innovation and Operational Excellence, <b>L'Oreal</b> (Invited)</li> <li>4. Lt. Col. Monish Ahuja, MD, <b>Punjab Renewable Energy Systems Pvt. Ltd.</b></li> </ol> | Panel Discussion on <b>"Availability of Feedstocks for Chemicals"</b>  | 45 min Panel Discussion    |
| 13:15 - 14:30 hr  | Lunch Break, Visiting IGCW Expo.  |  |                            |
| 14:30 - 15:00 hr  | Dr. Thallada Bhaskar, Director, <b>CSIR-Advanced Materials and Processes Research Institute</b>   | Thermo-catalytic processes for biomass conversion to biofuels  | 25 min PPT, 5 min Q&A      |
| 15:00 - 15:30 hr  | Dr. Nirmala Kaushik Scientist-F and In-charge (Fin. & Acct) <b>Technology Information, Forecasting and Assessment Council (TIFAC)</b>   | Biomass Assessment and understanding the data on availability  | 25 min PPT, 5 min Q&A      |
| 15:30 - 16:00 hr  | Dr. Suhas Dixit, CEO, <b>AP Chemi</b>   | Leveraging Biochar Solutions to Meet India's GHG Emission Intensity Target Rules, 2025: A Strategic Pathway for Chemical Industry Compliance | 25 min PPT, 5 min Q&A      |
| 16:00 - 16:30 hr  | Mr. Suhas Baxi, Co-founder & Chairman, <b>Biofuel Circle Pvt. Ltd.</b>  | Digitized solution for reliable & sustainable Supply Chain of Biomass  | 25 min PPT, 5 min Q&A      |
| 16:30 - 17:00 hr  | Col. Rohit Dev, Managing Director & Founder, <b>Reveille Energy</b>   | Biomass supply chain management  | 25 min PPT, 5 min Q&A      |
| 17:00 - 17:15 hr  | Dr. Vanita Prasad, Founder, Director & CTO, <b>Revy Environmental Solutions Pvt. Ltd.</b>   | Biological Hydrogen Production   | 10 min PPT, 5 min Q&A      |
| 17:15 - 17:30 hr  | Start-up - Mr. Akash Singh, Founder & CEO, <b>Unbubble</b>  | Plant-based, biodegradable & cost effective packaging material   |                            |
| 17:30 - 17:35 hr  | Mentors for the Session   | Closing Remarks & Acknowledgements   |                            |
| 17:15 - 18:00 hr  | Tea/Coffee Break, Visiting IGCW Expo  |  |                            |

**Industry Mentor:** Dr. Sangeet Srivastava, Executive Director, Godavari Biorefineries Ltd.  
Dr. Sasisanker Padmanabhan, Sr. Principal Scientist, Praj Industries Ltd.