IGCW2025 - Technical Session on Renewable Feedstocks for Decarbonization & Sustai

Venue for IGCW2025: Hotel Westin Mumbai Garden City, Goregaon (E), Mumbai, India

Date for this Technical Session: 7 th October'2025 (Tuesday)

Expected Participants: *Chief Sustainability Officer, VP or GM - Technology, Senior Scientists, Supply Chain & Sust*

Expected No. of Participants: *approx. 30 - 40*

Objectives:

1. To explore potential of conversion of Biomass to Chemicals & Energy using Pyrolysis and ot
2. To explore CO_2 as an alternative feedstock to derive Chemicals.
3. To discuss availability of Renewable Feedstock to meet our requirement of Chemicals.
4. To engage with Biomass Supply Chain and see deployment of AI / ML there.
5. To give opportunity to Start-ups (in the domain of Renewable Feedstock) to share their inn

Timing	Speaker, Designation, Company	Topics
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, **Centre for Energy & Enviromental Sustainability**	**Keynote:** Title to be confirmed
10:15 - 10:50 hr	Dr. Pramod Kumbhar, President & CTO, **Praj Matrix R&D**	**Keynote:** Biorefineries: Making every carbon count
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, **IIT-Bombay**	Carbon capture, utilization and storage (CCUS) – A roadmap for India
12:00 - 12:30 hr	Dr. Asim Bhoumik Associate Editor, **Green Chemistry, School of Materials Sciences, Indian Association for the Cultivation of Science**	CO2 as Feedstock for the Synthesis of Fuels and Chemicals over Porous Nanocatalysts

12:30 - 13:15 hr	**Moderator:** Dr. Sangeeta Srivastava, Executive Director, **Godavari Biorefineries Ltd.** **Panel Members:** 1. Dr. Pramod Kumbhar President & CTO, **Praj Matrix R&D** 2. Dr. Nirmala Kaushik, Scientist-F and In-charge (Fin.& Acct), **Technology Information, Forecasting and Assessment Council (TIFAC)** 3. General Manager - India Advanced Research, Open Innovation and Operational Excellence, **L'Oreal** (Invited) 4. Lt. Col. Monish Ahuja, MD, **Punjab Renewable Energy Systems Pvt. Ltd.**	Panel Discussion on ***"Availability of Feedstocks for Chemicals"***
13:15 - 14:30 hr	Lunch Break, Visiting IGCW Expo.	
14:30 - 15:00 hr	Dr. Thallada Bhaskar, Director, **CSIR-Advanced Materials and Processes Research Institute**	Thermo-catalytic processes for biomass conversion to biofuels
15:00 - 15:30 hr	Dr. Nirmala Kaushik Scientist-F and In-charge (Fin. & Acct) **Technology Information, Forecasting and Assessment Council (TIFAC)**	Biomass Assessment and understanding the data on availability
15:30 - 16:00 hr	Dr. Suhas Dixit, CEO, **AP Chemi**	Leveraging Biochar Solutions to Meet India's GHG Emission Intensity Target Rules, 2025: A Strategic Pathway for Chemical Industry Compliance
16:00 - 16:30 hr	Mr. Suhas Baxi, Co-founder & Chairman, **Biofuel Circle Pvt. Ltd.**	Digitized solution for reliable & sustainable Supply Chain of Biomass
16:30 - 17:00 hr	Col. Rohit Dev, Managing Director & Founder, **Reveille Energy**	Biomass supply chain management
17:00 - 17:15 hr	Dr. Vanita Prasad, Founder, Director & CTO, **Revy Environmental Solutions Pvt. Ltd.**	Biological Hydrogen Production
17:15 - 17:30 hr	Start-up - Mr. Akash Singh, Founder & CEO, **Unbubble**	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/Coffeee Break, Visiting IGCW Expo	

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

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	30 min PPT, 5 min Q&A
	30 min PPT, 5 min Q&A
	25 min PPT, 5 min Q&A
	25 min PPT, 5 min Q&A

45 min Panel Discussion
25 min PPT, 5 min Q&A
25 min PPT, 5 min Q&A
25 min PPT, 5 min Q&A
25 min PPT, 5 min Q&A
25 min PPT, 5 min Q&A
10 min PPT, 5 min Q&A