

TECHNICAL SESSION ON RENEWABLE FEEDSTOCKS FOR DECARBONIZATION & SUSTAINABILITY

7th November 2023 | The Westin Mumbai Garden City

Expected Participants:

Chief Sustainability Officer, VP or GM - Technology, Senior Scientists, Supply Chain & Sustainability Professionals

Objectives:

- To explore potential of chemicals & energy from Biomass and get a sense of government policies on the same.
- To learn about diverse technological developments to obtain chemicals from biomass & other renewable feedstock.
- To create an understanding of carbon recycling and decarbonisation and its potential in today's context.
- To connect with diverse solution providers (digital solutions, supply chain solutions, etc) in this domain.

Session Mentors



Dr. Avatar Matharu, Senior Lecturer, Deputy Director of the **Green Chemistry Centre of Excellence (GCCE), UK**



Dr. Sangeeta Srivastava, Executive Director, **Godavari Biorefineries Ltd.**



Dr. Sasisanker Padmanabhan, Sr. Principal Scientist, **Praj Industries**

Timing	Speaker	Topic / Title of Presentation
08:30 - 09:30	Registration, Tea/Coffee, Networking, Visiting IGCW Expo	
09:30 - 09:45	Welcome by Session Mentors: Acknowledgement, Self-Introduction & sharing work, Creating Context for the Session	
09:45 - 10:15	 Dr. John Warner, Co-founder, Beyond Benign	Keynote: Innovation with Biomaterials: Nature's Mechanisms in the Human Built World
10:15 - 10:45	 Mr. Sandeep Chaturvedi, Chairman, Biodiesel Association of India	Future of Renewable Feedstocks in India, changing Government policies & prospects
10:45 - 11:15	 Dr. A. J. Varma, Former Chairman, Department of Polymer Science & Engineering, CSIR-National Chemical Laboratory	Multiple products and zero waste stream from the processing of lignocellulose biomass: Key to Sustainability & Economics
11:15 - 12:00	Tea/Coffee Networking Break, Visiting IGCW Expo.	
12:00 - 12:30	 Dr. Sasisanker Padmanabhan, Sr. Principal Scientist, Praj Industries	Utilization of all Carbon Components in Processing of Agri-based Feedstock: Moving Towards Second Generation Biorefineries
12:30 - 13:00	 Dr. Avatar Matharu, Senior Lecturer, Deputy Director, Green Chemistry Centre of Excellence (GCCE)	Chemicals from unavoidable food supply chain wastes
13:00 - 13:30	 Dr. Prashant Dhakephalkar, Director, Agharkar Research Institute (ARI)	Platform molecules & materials from Biomass
13:30 - 15:00	Lunch Break, Visiting IGCW Expo.	
15:00 - 15:30	 Dr. Preeti Jain, Global Director (Policy, Chemicals & Carbon Solutions), LanzaTech	Carbon Recycling for Sustainable Fuels & Chemicals
15:30 - 16:00	 Lt. Col. Monish Ahuja, Promoter & MD, Punjab Renewable Energy Systems Pvt. Ltd.	Bio-Energy and Biomass Supply Chain solutions through innovative business models
16:00 - 16:30	 Dr. Prakash D. Vaidya, Professor, Dept. of Chemical Engineering, Institute of Chemical Technology (ICT)	Improved hydrogen production technologies based on reforming of biofeeds
16:30 - 16:50	 Mr. Raj Tanna, Managing Director, Schutzen Care Pvt. Ltd.	Valorising Waste to produce Biobased & Biodegradable value added products
16:50 - 17:10	 Dr. K. I. Suresh, Chief Scientist, Material Science & Technology Division, CSIR-National Institute for Interdisciplinary Science and Technology (CSIR-NIIST)	Aqueous Polyurethane Dispersions Modified using Renewable Cardanol Polyols: Opportunities and Challenges
17:10 - 17:15	Closing Remarks & Acknowledgements by Conference Mentors	
17:15- 18:00	Tea/Coffee Break, Visiting IGCW Expo	

*Please note that this is a Tentative Agenda, and there might be changes in the topic/title and overall flow of the presentations.

Click here to Register for the Session: <https://www.industrialgreenchem.com/igcw23-online-and-offline-registration/>