IGCW2025 - TECHNICAL SESSION ON WASTE VALORISATION & INDUSTRIAL ECOLOGY

8th October 2025 (Wednesday) | The Westin Mumbai Garden City

Session Partner

ION EXCHANGE
Refreshing the Planet

Co-organisers:

Session Mentors

Mr. Ulhas Parlikar, Global Consultant - Waste Management, Circular Economy,
Policy Advocacy & Co-processing

Ms. P. Bineesha, Executive Director,
International Institue of Waste Management (IIWM)

Timing		Speaker, Designation, Company	Topic / Title of Presentation
08:30 - 09:30	**Registration, Tea/Coffee, Networking, Visiting IGCW Expo**		
09:30 - 09:40	Mentors for the Session Welcome, Acknowledgement, Self-Introduction & Creating Context for the workshop, Introducing Keynote Speaker		
09:40 - 10:15		Dr. John Warner, President & CEO, **The Technology Green House**	The Sustainability Pendulum: Green Chemistry and the Bioeconomy
10:15 - 10:45		Mr. Venkatanath Kandalla, Executive VP & Head - Industrial Chemical Division, **Ion Exchange Ltd.**	Industrial Water Treatment and Green Chemistry
10:45 - 11:30	**Tea/Coffee Networking Break, Visiting IGCW Expo.**		
11:30 - 11:55		Dr. Debabrata Rautaray, Vice President - Chief Product Development & Innovation Officer, **DCM Shriram Ltd.**	Circular Chemistry: Industrial By-products for Sustainable Chemicals and Matreials Innovation
11:55 - 12:20		Dr. Dhiraj Singh Yadav, Vice President & Head - Research & Development, **Excel Industries Ltd.**	Optimization and recycling of process water to minimize freshwater consumption and reduce effluent load, implemented as part of our green initiatives
12:20 - 12:45		Dr Sanjukta Subudhi, Associate Director & senior Fellow, Microbial Biofuels & Biochemical Dept., Coordinator for Tata chemicals Ltd-TERI Center of excellence on biochemicals, **The Energy and Resources Institute (TERI)**	Biobased chemical production from renewable sources: Pathway towards Bio transition.
12:45 - 13:15		**Moderator:** Mr. Ulhas Parlikar	Q&A and Open Discussion
13:15 - 14:30	**Lunch Break, Visiting IGCW Expo.**		
14:30 - 15:00		Mr. Surjith Reddy, Executive Director, **Dalmia Cement Ltd.**	Zero waste to landfill, valorisation methods and critical role of cement industry
15:00 - 15:30		Mr. Raghunath Ramaiah, Founder & CEO, **KIS Group Sustainability**	BioMethane for Decarbonization & energy transition of chemical industries: Learning from success story of Unilever & other
15:30 - 16:00		Ms. Aruna Chowbay, COO, **APChemi**	Why advanced recycling of single-use plastic waste cannot be scaled up without cross-value chain collaboration?
16:00 - 16:20		Mr. Vikram Dhumal, Business Head, Geist Research, **A Unit of Z-Teach India Pvt. Ltd.**	"Is Resource Recovery really Feasible?"
16:20 - 16:40		Dr. Avijit Dey, Vice President, **Aquatech Systems (Asia) Pvt Ltd**	Circular Feedstocks for Chemical Industries utilizing Seawater Desalination waste Brine Valorization
16:40 - 17:00		Mr. Shashikanth Parcha, Founder & MD, **Nano Wings Pvt. Ltd.**	Nanomaterials and composites for Agri segment and waste water treatment through solvent retainment applications respectively.
17:00 - 17:20		Mr. Kunal Godambe, Founder, **Green Shift Energy Pvt. Ltd.**	Novel Approaches in Agricultural and Industrial Waste Valorisation
17:20 - 17:30		Mentors for the Session	Closing Remarks & Acknowledgements
17:30 - 18:00	**Tea/Coffeee Break, Visiting IGCW Expo**		