

TECHNOSCAPE '23

PROGRAMME SCHEDULE

D A Y - I (Thursday 14 Dec 2023)

TIME	PROGRAMME	VENUE
11 ⁰⁰ - 14 ⁰⁰	Registrations	Technology Tower Main Portico
15 ⁰⁰ - 16 ⁰⁰	Inauguration Ceremony Chief Guest <i>Ms. A. Dhanalakshmi, Joint Sec. DST</i> Guest of Honour <i>Mr. M. Abdul Wahab, MD, KH Group</i>	Ambedkar Auditorium, Technology Tower
16 ⁰⁰ - 16 ³⁰	World Café – Networking and Coffee	Amphitheatre, Technology Tower
16 ³⁰ - 18 ⁰⁰	Panel Discussion: <i>Is Water-Food-Energy Nexus: a viable option to balance Industrial Needs and Environmental Sustainability?</i> Mr. Bhaskar Nateshan (MODERATOR), Executive Director, Sanmar Group, INDIA Mr. Sakthiaswaran K, Malaysian Water Works, MALAYSIA Mr. Md. Zafarullah, Managing Director, RANITEC, INDIA Dr. Rangaiah GP, Professor Emeritus, NUS, SINGAPORE Dr. Hidiaki Yoshitake, Professor, Yokohama National University, JAPAN Ms. Marcella D'Souza, Managing Director, WOTR, (NGO), INDIA Dr. Jennifer Tamayo, FPDRI, THE PHILIPPINES Mr. Natarajan Malupillai, Impact Investor, INDIA Mr. Manikandan Vasudevan, Hydronautics, INDIA	Ambedkar Auditorium, Technology Tower
18 ⁰⁰ - 18 ³⁰	B . R . E . A . K .	
18 ³⁰ - 20 ⁰⁰	raagaMudra – Cultural Fiesta	GREENOS/ Ambedkar Auditorium
19 ³⁰ - 21 ⁰⁰	Kesar – Gala Dinner	GREENOS/ Foodys

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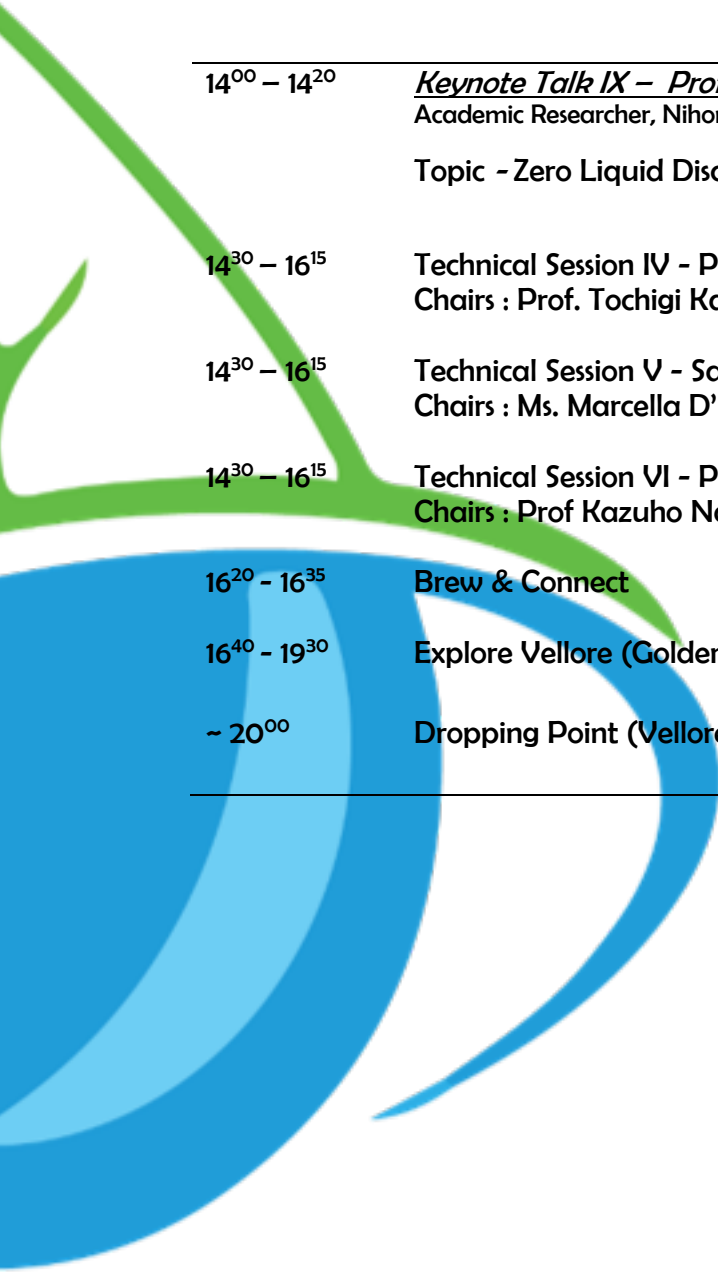
DAY - II (Friday 15 Dec 2023)

INDO - JAPAN TECHNO - SUMMIT - 2023

TIME	PROGRAMME	VENUE
08 ⁰⁰ - 09 ⁰⁰	Registrations	Dr. MGR Block Portico
09 ⁰⁰ - 09 ²⁰	<u>Keynote Talk I – Prof. GP Rangaiah</u> Emeritus Professor, National University of Singapore, SINGAPORE Topic - <i>Multi-Objective Optimization and Multi-Criteria Decision Making for Water and Wastewater Treatment Applications</i>	Rajaji Hall, Dr. MGR Block
09 ³⁰ - 09 ⁵⁰	<u>Keynote Talk III – Prof. Hiromitsu Takaba</u> Dept of Environmental Chemistry and Chemical Engineering, Kogakuin University, JAPAN Topic - <i>Advancing Water Treatment Membranes through Molecular Simulation and Machine Learning</i>	
10 ⁰⁰ - 10 ²⁰	<u>Keynote Talk V – Prof. Tsuji Tomoya</u> Professor, Malaysia - Japan International Institute of Technology, Universiti Teknologi Malaysia, MALAYSIA Topic – <i>Solid-liquid Equilibria for Ethanol – Water – Antipyrine and Ethanol – Water – 4-Aminoantipyrine and the Constituent Binaries</i>	
09 ⁰⁰ - 09 ²⁰	<u>Keynote Talk II – Prof. Taro Arakawa</u> Professor, Division of Intelligent Systems Engineering, Yokohama National University, JAPAN Topic - <i>Silicon photonic micro-ring resonators and their application to high-sensitivity sensors for chemicals in water</i>	MB 210, Smart Classroom, Dr. MGR Block



09 ³⁰ - 09 ⁵⁰	<u><i>Keynote Talk IV – Prof. Matsuda Hiroyuki,</i></u> Nihon University, JAPAN	
	Topic – <i>Thermophysical Properties for Green Separation Processes</i>	
10 ⁰⁰ - 10 ²⁰	<u><i>Keynote Talk VI – Prof. Hideaki Yoshitake</i></u> Division of Materials Science and Chemical Engineering, Yokohama National University, JAPAN	
	Topic - <i>Recent Developments in Synthesis of Highly Efficient Adsorbents for Aqueous Pollutants Towards Sustainable Society</i>	
10 ³⁰ - 10 ⁵⁰	H ₂ O Time – Chai pe Charcha	Rajaji Hall Portico, Dr. MGR Block
11 ⁰⁰ - 13 ⁰⁰	Technical Session I - Socio Economic Initiative Chairs : Prof. GP Rangaiah; Prof. Hiromitsu Takaba	Rajaji Hall, Dr. MGR Block
11 ⁰⁰ - 13 ⁰⁰	Technical Session II - Smart Sensing Technologies Chairs: Prof. Tsuji Tomoya, Prof. Taro Arakawa	MB 210, Smart Classroom, Dr. MGR Block
11 ⁰⁰ - 13 ⁰⁰	Technical Session III - Circular Economy and Resource Recovery Chairs : Prof. Hideaki Yoshitake; Prof. Matsuda Hiroyuki	Library Conference Hall Central Library
13 ⁰⁰ - 14 ⁰⁰	Luncheon	FOODYS
14 ⁰⁰ – 14 ²⁰	<u><i>Keynote Talk VII – Prof. Tochigi Katsumi</i></u> Academic Researcher, Nihon University, JAPAN	Rajaji Hall, Dr. MGR Block
	Topic - Evaluation of Phase Equilibria, Transport Properties and Surface Tensions for Aqueous Mixtures Using Activity Coefficient Models	
14 ⁰⁰ – 14 ²⁰	<u><i>Keynote Talk VIII - Dr. D. Sivakumar</i></u> General Manager, CETP, RANITEC, INDIA	MB 210, Dr. MGR Block
	Topic – How to achieve Zero Liquid Discharge in Industries	



14 ⁰⁰ – 14 ²⁰	<u>Keynote Talk IX – Prof. Kazuho Nakamura</u> Academic Researcher, Nihon University, JAPAN	Library Conference Hall Central Library
	Topic - Zero Liquid Discharge Process with Energy Recovery for Sustainable Water Usage	
14 ³⁰ – 16 ¹⁵	Technical Session IV - Processed Water Technologies Chairs : Prof. Tochigi Katsumi; Dr. D. Sivakumar	Rajaji Hall, Dr. MGR Block
14 ³⁰ – 16 ¹⁵	Technical Session V - Sanitation and Urban Design Chairs : Ms. Marcella D'Souza; Prof. Jakub K Drewnowski	MB 210, Dr. MGR Block
14 ³⁰ – 16 ¹⁵	Technical Session VI - Processed Water Technologies Chairs : Prof Kazuho Nakamura; Prof. Shishir Kumar Behera	Library Conference Hall Central Library
16 ²⁰ - 16 ³⁵	Brew & Connect	Dr. MGR Block Lawn
16 ⁴⁰ - 19 ³⁰	Explore Vellore (Golden Temple Visit)	
~ 20 ⁰⁰	Dropping Point (Vellore New Bus Station / Vellore Fort – Vellore Old Bus station)	

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D A Y - III (Saturday 16 Dec 2023)

TIME	PROGRAMME	VENUE
08 ⁰⁰ - 09 ⁰⁰	Registration	Dr. MGR Block Portico
09 ⁰⁰ - 09 ²⁰	<p><u><i>Keynote Talk X – Prof. Satinder Kaur Brar</i></u> Professor, Environmental Engineering, York University, CANADA</p> <p>Topic - <i>Emerging Contaminants: Have we yet peaked the analysis trail?</i></p>	Rajaji Hall, Dr. MGR Block
09 ³⁰ - 09 ⁵⁰	<p><u><i>Keynote Talk XII – Dr. Jennifer Tamayo</i></u> Senior Researcher, Forest Products Research and Development Institute, THE PHILIPPINES</p> <p>Topic - <i>Bamboo and its Versatile Uses for Water Sanitation and Hygiene (WASH) in the Philippines</i></p>	
10 ⁰⁰ - 10 ²⁰	<p><u><i>Keynote Talk XIV – Prof. Jacek Czerwinski</i></u> Environmental Engineering Faculty, Lublin University of Technology, POLAND</p> <p>Topic - <i>Studies on transformations of monocyclic aromatic hydrocarbons in municipal wastewater treatment plants</i></p>	
09 ⁰⁰ - 09 ²⁰	<p><u><i>Keynote Talk XI – Prof. Hem Raj Pant</i></u> Professor, Department of Applied Sciences and Chemical EngG, Tribhuvan University, NEPAL</p> <p>Topic – <i>Electrospun composite membrane in water purification</i></p>	MB 210, Smart Classroom, Dr. MGR Block

09 ³⁰ - 09 ⁵⁰	<p><u><i>Keynote Talk XIII – Prof. Jakub Drewnowski</i></u> Professor, Gdansk university of Technology, POLAND</p> <p>Topic - <i>The Advanced WasteWater Treatment Technology-Challenges and Current Trends in Achieving Energy Neutrality</i></p>	
10 ⁰⁰ - 10 ²⁰	<p><u><i>Keynote Talk XV – Ir. Ts. Sakthiaswaran Kaliappan</i></u> Federal Government of Malaysia, MALAYSIA</p> <p>Topic - <i>Root Cause Analysis for the Treated Water Pump Motor Failure in Beaufort Water Treatment Plant</i></p>	MB 210, Smart Classroom, Dr. MGR Block
10 ³⁰ - 10 ⁵⁰	H ₂ O time – Chai pe Charcha	Dr. MGR Block Lawn
11 ⁰⁰ - 13 ⁰⁰	<p>Technical Session VII- Sanitation and Urban Design Chairs : Prof. Satinder Kaur Brar; Prof. Boelo shuur</p>	Rajaji Hall, Dr. MGR Block
11 ⁰⁰ - 13 ⁰⁰	<p>Technical Session VIII - Socio Economic Initiative Chairs : Prof. Jennifer Tamayo; Dr. Pundlik Bhagat</p>	MB 210, Smart Classroom, Dr. MGR Block
11 ⁰⁰ - 13 ⁰⁰	<p>Technical Session IX - Separation Technologies Chairs : Prof. Jacek Czerwinski; Prof. Pugazhenth</p>	Library Conference Hall Central Library
13 ⁰⁰ - 14 ⁰⁰	Luncheon	GREENOS
14 ⁰⁰ - 15 ³⁰	<p>Technical Session X - Smart Sensing Technologies Chairs : Prof. Hem Raj Pant; Prof. Bhaskar Das</p>	Rajaji Hall, Dr. MGR Block
14 ⁰⁰ - 15 ³⁰	<p>Technical Session XI - Separation Technologies Chairs : Prof. GP Rangaiah; Prof. Amit Mahendrakar</p>	MB 210, Smart Classroom, Dr. MGR Block



14 ⁰⁰ - 15 ³⁰	Technical Session XII - Circular Economy and Resource Recovery Chairs : Dr. Juri B; Ir. Ts. Sakthiaswaran Kaliappan	Library Conference Hall Central Library
15 ³⁰ - 15 ⁴⁵	Brew & Connect	Dr. MGR Block Lawn
15 ⁵⁰ - 16 ³⁰	Valedictory Ceremony Chief Guest: <i>Mr. Chittaranjan Meher, Country Leader, Sustainability Software BU, IBM INDIA</i>	Rajaji Hall, Dr. MGR Block