TECHNOSCAPE'23

PROGRAMME SCHEDULE D A Y - I (Thursday 14 Dec 2023)

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

TECHNOSCAPE'23

PROGRAMME SCHEDULE D A Y - 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	Keynote Talk I – Prof. GP Rangaiah Emeritus Professor, National University of Singapore, SINGAPORE	Rajaji Hall, Dr. MGR Block
	Topic - Multi-Objective Optimization and Multi-Criteria Decision Making for Water and Wastewater Treatment Applications	
09 ³⁰ - 09 ⁵⁰	Keynote Talk III – Prof. Hiromitsu Takaba Dept of Environmental Chemistry and Chemical Engineering, Kogakuin University, JAPAN	
	Topic - Advancing Water Treatment Membranes through Molecular Simulation and Machine Learning	
10 ⁰⁰ - 10 ²⁰	Keynote Talk V — Prof. Tsuji Tomoya Professor, Malaysia - Japan International Institute of Technology, Universiti Teknologi Malaysia, MALAYSIA	
	Topic – Solid-liquid Equilibria for Ethanol – Water – Antipyrine and Ethanol – Water – 4-Aminoantipyrine and the Constituent Binaries	

	09 ⁰⁰ - 09 ²⁰	Keynote Talk II - Prof. Taro Arakawa Professor, Division of Intelligent Systems Engineering, Yokohama National University, JAPAN	MB 210, Smart Classroom, Dr. MGR Block
		Topic - Silicon photonic micro-ring resonators and their application to high-sensitivity sensors for chemicals in water	
1	09 ³⁰ - 09 ⁵⁰	Keynote Talk IV – Prof. Matsuda Hiroyuki Nihon University, JAPAN	
		Topic – Thermophysical Properties for Green Separation Processes	
	10 ⁰⁰ - 10 ²⁰	Keynote Talk VI – Prof. Hideaki Yoshitake Division of Materials Science and Chemical Engineering, Yokohama National University, JAPAN	
		Topic - Recent Developments in Synthesis of Highly Efficient Adsorbents for Aqueous Pollutants Towards Sustainable Society	
	10 ³⁰ - 10 ⁵⁰	H₂O Time – Chai pe Charcha	Dr. MGR Block Lawn
	11 ⁰⁰ - 13 ⁰⁰	Technical Session I - Socio Economic Initiative	Rajaji Hall,
		Chairs : Prof. GP Rangaiah; Prof. Hiromitsu Takaba	Dr. MGR Block
	11 ⁰⁰ - 13 ⁰⁰	Technical Session II - Smart Sensing Technologies	MB 210, Smart Classroom,
		Chairs: Prof. Tsuji Tomoya, Prof. Taro Arakawa	Dr. MGR Block
	11 ⁰⁰ - 13 ⁰⁰	Technical Session III - Circular Economy and Resource Recovery	Library Conference Hall
		Chairs : Prof. Hideaki Yoshitake; Prof. Matsuda Hiroyuki	Central Library
y	13 ⁰⁰ - 14 ⁰⁰	Luncheon	FOODYS
	14 ⁰⁰ – 14 ²⁰	Keynote Talk VII – Prof. Tochigi Katsumi Academic Researcher, Nihon University, JAPAN	Rajaji Hall,
-		Acquernic Researcher, Minori University, JAPAN	Dr. MGR Block

		Topic - Evaluation of Phase Equilibria, Transport Properties and Surface Tensions for Aqueous Mixtures Using Activity Coefficient Models	
	14 ⁰⁰ – 14 ²⁰	Keynote Talk VIII – Dr. D. Sivakumar General Manager, CETP, RANITEC, INDIA	MB 210, Dr. MGR Block
		Topic - How to achieve Zero Liquid Discharge in Industries	
1	14 ⁰⁰ – 14 ²⁰	Keynote Talk IX – Prof. Kazuho Nakamura 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 ³⁰	Technical Session IV - Processed Water Technologies Chairs : Prof. Tochigi Katsumi; Dr. D. Sivakumar	Rajaji Hall, Dr. MGR Block
	14 ³⁰ – 16 ³⁰	Technical Session V - Sanitation and Urban Design Chairs : Ms. Marcella D'Souza; Dr. Pundlik Bhagat	MB 210, Dr. MGR Block
	14 ³⁰ – 16 ³⁰	Technical Session VI - Processed Water Technologies Chairs: Prof. Kazuho Nakamura; Mr. Manikandan Vasudevan	Library Conference Hall Central Library
	16 ³⁰ – 16 ⁴⁵	Brew & Connect	Dr. MGR Block Lawn
	16 ⁴⁵ - 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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PROGRAMME SCHEDULE D A Y - III (Saturday 16 Dec 2023)

TIME	PROGRAMME	VENUE
08 ⁰⁰ - 09 ⁰⁰	Registrations	Dr. MGR Block Portico
09 ⁰⁰ - 09 ²⁰	Keynote Talk X – Prof. Satinder Kaur Brar Professor, Environmental Engineering, York University, CANADA	Rajaji Hall, Dr. MGR Block
09 ³⁰ - 09 ⁵⁰	Topic - Emerging Contaminants: Have we yet peaked the analysis trail? Keynote Talk XII - Dr. Jennifer Tamayo Senior Researcher, Forest Products Research and Development Institute, THE PHILIPPINES	
	Topic - Bamboo and its Versatile Uses for Water Sanitation and Hygiene (WASH) in the Philippines	
10 ⁰⁰ – 10 ²⁰	Keynote Talk XIV – Prof. Boelo Schuur Sustainable Process Technology Group, University of Twente, THE NETHERLANDS	
	Topic - Recovery of Chemicals from Wastewater by Adsorption: Process Considerations for Valorization Options	

	09 ⁰⁰ - 09 ²⁰	Keynote Talk XI — Prof. Hem Raj Pant Professor, Department of Applied Sciences and Chemical Engineering, Tribhuvan University, NEPAL	MB 210, Smart Classroom, Dr. MGR Block
		Topic – Electrospun composite membrane in water purification	
	09 ³⁰ - 09 ⁵⁰	Keynote Talk XIII – Prof. Jakub Drewnowski	MB 210, Smart Classroom,
		Professor, Gdansk University of Technology, POLAND	Dr. MGR Block
- 1		Topic - The Advanced WasteWater Treatment Technology-Challenges and	
		Current Trends in Achieving Energy Neutrality	
4	10 ⁰⁰ – 10 ²⁰	Keynote Talk XV – Ir. Ts. Sakthiaswaran Kaliappan Federal Government of Malaysia, MALAYSIA	
		Topic - Root Cause Analysis for the Treated Water Pump Motor Failure in Beaufort Water Treatment Plant	
	10 ³⁰ - 10 ⁵⁰	H₂O Time – Chai pe Charcha	Dr. MGR Block Lawn
	11 ⁰⁰ - 13 ⁰⁰	Technical Session VII- Sanitation and Urban Design Chairs : Prof. Satinder Kaur Brar; Prof. Boelo Schuur	Rajaji Hall, Dr. MGR Block
	11 ⁰⁰ - 13 ⁰⁰	Technical Session VIII - Socio Economic Initiative	MB 210, Smart Classroom,
		Chairs : Prof. Jennifer Tamayo; Prof. Shishir Kumar Behera	Dr. MGR Block
	11 ⁰⁰ - 13 ⁰⁰	Technical Session IX - Separation Technologies	Library Conference Hall
		Chairs : Prof. GP Rangaiah; Prof. Pugazhenthi	Central Library
	13 ⁰⁰ - 14 ⁰⁰	Luncheon	GREENOS
	14 ⁰⁰ - 15 ³⁰	Technical Session X - Smart Sensing Technologies Chairs : Prof. Hem Raj Pant; Prof. Jakub Drewnowski	Rajaji Hall, Dr. MGR Block

14 ⁰⁰ - 15 ³	Technical Session XI - Separation Technologies Chairs: Dr. Juri B; Prof. Amit Mahendrakar	MB 210, Smart Classroom, Dr. MGR Block
15 ³⁰ - 16 ⁰	O Brew & Connect	Dr. MGR Block Lawn
16 ⁰⁰ - 16 ³	B·R·E·A·K	
16 ³⁰ - 17 ³⁰	Valedictory Ceremony	Rajaji Hall,
		Dr. MGR Block
	Chief Guest : Mr. Chittaranjan Meher, Country Leader,	
	Sustainability Software BU, IBM INDIA	