TECHNOSCAPE'23

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

TIME	PROGRAMME	VENUE
11 ⁰⁰ - 14 ⁰⁰ 15 ⁰⁰ - 16 ⁰⁰	Registrations Inauguration Ceremony Chief Court	Technology Tower Main Portico Ambedkar Auditorium,
	Chief Guest Ms. A. Dhanalakshmi, Joint Sec. DST Guest of Honour Mr. M. Abdul Wahab, MD, KH Group	Technology Tower
16 ⁰⁰ - 16 ³⁰	World Café — Networking and Coffee	Amphitheatre, Technology Tower
16 ³⁰ - 18 ⁰⁰	Panel Discussion:	Ambedkar Auditorium,
	Is Water-Food-Energy Nexus: a viable option to balance Industrial Needs and	Technology Tower
18 ⁰⁰ - 18 ³⁰	Ms. Marcella D'Souza, (MODERATOR), Director, WOTR, 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 Dr. Jennifer Tamayo, FPDRI, THE PHILIPPINES Mr. Manikandan Vasudevan, Hydronautics, INDIA B·R·E·A·K	
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	
10 ⁰⁰ - 10 ²⁰	Machine Learning 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	
0 9 ⁰⁰ - 0 9 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	

09 ³⁰ - 09 ⁵⁰	Keynote Talk IV – Prof. Matsuda Hiroyuki,	
0) 0)	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	Rajaji Hall Portico
1100 - 1300	Technical Session I - Socio Economic Initiative Chairs : Prof. GP Rangaiah; Prof. Hiromitsu Takaba	Rajaji Hall, Dr. MGR Block
1100 - 1300	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	Keynote Talk VII – Prof. Tochigi Katsumi 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	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	

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 Usag	ge
14 ³⁰ – 16 ³⁰	Technical Session IV - Processed Water Technologies	Rajaji Hall,
	Chairs : Prof. Tochigi Katsumi; Ms. Marcella D'Souza	Dr. MGR Block
14 ³⁰ – 16 ³⁰	Technical Session V	MB 210,
	Theme : Sanitation and Urban Design	Dr. MGR Block
	Chairs : Dr. D. Sivakumar Prof. Jakub K Drewnowski	
$14^{30} - 16^{30}$	Technical Session VI	Library Conference Hall
	Theme: Processed Water Technologies	Central Library
	Chairs : Prof Kazuho Nakamura; Prof. Shishir Kumar Behera	•
16 ³⁰ – 16 ⁴⁵	Brew & Connect	Dr. MGR Block Lawn
16 ⁴⁵ - 19 ³⁰	Explore Vellore (Golden Temple Visit)	
~2000	Dropping Point (Vellore New Bus Station / Vellore Fort – Vellore Old Bus station)	
1/4	Diopping Family Colors for Bus station, value of the Value of Bus station,	

TECHNOSCAPE'23

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	<u>Keynote Talk X – Prof. Satinder Kaur Brar</u> Professor, Environmental Engineering, York University, CANADA	Rajaji Hall, Dr. MGR Block
	Topic - Emerging Contaminants: Have we yet peaked the analysis trail?	
O9 ³⁰ - O9 ⁵⁰	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. Jacek Czerwinski Environmental Engineering Faculty, Lublin University of Technology, POLAND Topic - Studies on transformations of monocyclic aromatic hydrocarbons in municipal wasteeater treatment plants	
09 ⁰⁰ - 09 ²⁰	Keynote Talk XI – Prof. Hem Raj Pant Professor, Department of Applied Sciences and Chemical EngG, Tribhuvan University, NEPAL Topic – Electrospun composite membrane in water purification	MB 210, Smart Classroom, Dr. MGR Block

09 ³⁰ - 09 ⁵⁰	Keynote Talk XIII – Prof. Jakub Drewnowski	MB 210, Smart Classroom,
	Professor, Gdansk university of Technology, POLAND	Dr. MGR Block
	Topic - The Advanced WasteWater Treatment Technology-Challenges and	
	Current Trends in Achieving Energy Neutrality	
10 ⁰⁰ - 10 ²⁰	<u>Keynote Talk XV – Ir. Ts. Sakthiaswaran Kaliappan</u> 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
1100 - 1300	Technical Session VII- Sanitation and Urban Design	Rajaji Hall,
	Chairs : Prof. Satinder Kaur Brar; Prof. Boelo shuur	Dr. MGR Block
1100 - 1300	Technical Session VIII - Socio Economic Initiative	MB 210, Smart Classroom,
	Chairs : Prof. Jennifer Tamayo; Dr. Pundlik Bhagat	Dr. MGR Block
11 ⁰⁰ - 13 ⁰⁰	Technical Session IX - Separation Technologies	Library Conference Hall
	Chairs : Prof. Jacek Czerwinski; Prof. Pugazhenthi	Central Library
13 ⁰⁰ - 14 ⁰⁰	Luncheon	GREENOS
14 ⁰⁰ - 15 ³⁰	Technical Session X - Smart Sensing Technologies	Rajaji Hall,
	Chairs : Prof. Hem Raj Pant; Prof. Bhaskar Das	Dr. MGR Block
14 ⁰⁰ - 15 ³⁰	Technical Session XI - Separation Technologies	MB 210, Smart Classroom,
	Chairs : Dr. Juri B; Prof. Amit Mahendrakar	Dr. MGR Block

15 ³⁰ - 16 ⁰⁰	Brew & Connect	Dr. MGR Block Lawn
16 ⁰⁰ - 16 ⁴⁵	Valedictory Ceremony	Rajaji Hall, Dr. MGR Block
	Chief Guest: Mr. Chittaranjan Meher, Country Leader, Sustainability Software BU, IBM INDIA	