

Call for Papers

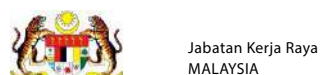
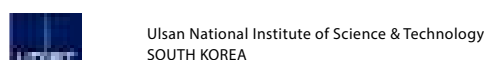
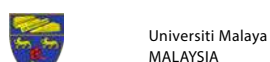
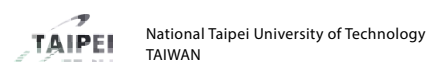
14th - 16th December, 2023
Vellore, INDIA



Organised by



Partners



<https://technoscape.in/>

"The human right to water is indispensable for leading a life in human dignity. It is a prerequisite for the realization of other human rights."

- UNITED NATIONS

ABOUT US

Water, the most vital natural resource, has touched every aspect of human life. Various anthropogenic activities are threatening its very existence. If the judicious utilisation of remaining supplies is to be ensured, it is our responsibility as human beings to search for viable conservation techniques. The international community has enthusiastically embraced the Sustainable Development Goals (SDG). In particular, SDG 6 has become the guiding light for efforts to meet the rising water demand and avert a worldwide water crisis. In tune with the United Nations' goal to 'Ensure availability and sustainable management of water and sanitation for all' by 2030, we at Vellore Institute of Technology-Vellore, INDIA, propose to host TECHNOSCAPE²³, an international conference on Sustainable Technologies for Water and Wastewater Treatment, from 14th to 16th December 2023. TECHNOSCAPE²³ aims to provide a platform for water enthusiasts and environmental experts to share their rich scientific experiences.

VELLORE INSTITUTE OF TECHNOLOGY (VIT), INDIA

Vellore Institute of Technology was established in the year 1984 as Vellore Engineering College by the Chancellor, Dr G. Viswanathan. It was conferred the university status in 2001 to recognize its excellence in academics, research and extra-curricular initiatives. With a vision of "Transforming life through Excellence in Education and Research", VIT has been consistently ranked among the best institutions in the country and is aspiring to emerge as a global leader. The Engineering and Technology subject areas of VIT are ranked 346 in the world and 9 in India as per the QS World University Rankings by Subject 2022.

YOKOHAMA NATIONAL UNIVERSITY (YNU), JAPAN

Founded in 1874, Yokohama National University has emerged as a leading international educational hub. The institution fosters practical learning based on Yokohama's deep-rooted history and tradition as a thriving city of commerce, industry and trade. The flexibility and adaptability of YNU's vibrant campus enables the cultivation of globally competitive talent. YNU was bestowed with the prestigious Nihon-Ryugaku Awards, in the categories of Graduate Schools of the Eastern Japan division (2018 and 2020) and National & Public Universities of the Eastern Japan division (2017 - 2021). According to the QS World University Rankings 2022, YNU has been ranked 801-1000 globally and 169 in Asia.

GDAŃSK UNIVERSITY OF TECHNOLOGY (GUT), POLAND

The Gdańsk University of Technology (GUT) was founded in 1899 by decree of Emperor Wilhelm II, and started for the first time in 1904. According to the prestigious Shanghai Ranking, GUT is one of the oldest technical colleges in Poland and ranks in the top eight among Polish universities and between 801 and 900 internationally. The European Commission gave Gdańsk Tech permission to utilise the coveted HR Excellence in Research mark in 2017. GUT has been recognised as an institution that provides some of the most excellent working and growth environments for European researchers.



TAIWAN



GERMANY



MALAYSIA



SOUTH KOREA



MALAYSIA

GOALS OF THE CONFERENCE

TECHNOSCAPE²³ aims to establish a sustainable environment by achieving the following goals:

- Bring together water professionals to address the existing state of water resources, contribute plausible ideas and inculcate better water management practices to meet the colossal demand.
- Offer a platform to share prodigious knowledge about advanced and sustainable technologies for water and wastewater treatment.
- Provide a holistic view on the latest water research and insights on some of the modern technologies such as IoT, Remote Sensing and Geographic Information System (GIS).
- Focus on transdisciplinary research to facilitate a systematic approach towards challenges.

THEMES

- Advancements in Membrane Technologies
- Carbon Footprint Reduction
- Circular Economy
- Ecological Sanitation
- Emerging Contaminants in Water and Wastewater
- GIS and Remote Sensing in Water Monitoring
- Green Technologies for Crude Oil Processed Water Treatment
- Hydroponics and Smart Farming
- Impact of COVID-19 on Wastewater Management
- Incorporation of IoT, AI, and ML in Water Technologies
- Landless Farming
- Novel Desalination Technologies
- Phytoremediation
- Process Water Treatment Technology
- Produced Water Treatment
- Recovery and Remediation of Marine oil-spills
- Resource Recovery
- Socio-Economic issues concerning Wastewater Management
- Sustainable Initiatives to Achieve Zero Liquid Discharge
- Water-Energy-Land-Food nexus
- Water Governance
- Water Reclamation from Industrial Effluents
- Water Sanitation and Hygiene (WASH)
- Water Sensitive Urban Design



KEY DATES

15 MAR 2023	30 JUN 2023	15 JUL 2023	15 JUL 2023	30 SEP 2023	31 OCT 2023	30 NOV 2023
Call for Papers Opens	Abstract Submissions Closes	Intimation to Selected Delegates	Early Bird Registration Opens	Early Bird Registration Closes	Full Paper Submission Closes	Registration Closes

SUBMISSION PROCEDURE

Authors, who wish to have their papers considered for Platform or Poster presentation, can submit an abstract of a maximum of two pages. A template is available for download on the conference website www.technoscape.in. The abstract can be turned in through TECHNOSCAPE²³ online submission portal. All the submissions will be assessed on the basis of scientific content, novelty, and relevance to the scope of the conference. Recommendations from reviewers will be considered final for the selection.

PUBLICATIONS

Papers accepted for the conference will have the opportunity to be published in the supporting journals. The acceptance is subject to the peer-review by the International Advisory Committee, preceded by the payment of the registration fee. The conference is supported by the given Scopus Indexed Journals:

Environmental Science and Pollution Research (ESPR) – Springer Publications (IF: 5.190)

Environmental Monitoring and Assessment (EMAS) – Springer Publications (IF: 3.307)

Chemical Engineering Communications (CEC) – Taylor & Francis (IF: 2.586)

REGISTRATIONS

	INDIA (₹)			Low Income Country (\$) **			High Income Country (\$) **		
	Early Bird	Regular	On-spot	Early Bird	Regular	On-spot	Early Bird	Regular	On-spot
Academicians	6000	7000	8500	300	350	450	350	400	500
Research Scholars / Students ***	4000	5000	6000	200	250	350	250	300	400
Industrial Delegates	10000	12000	15000	350	400	500	450	500	600
Accompanying Delegate	2000	2000	2000	125	125	125	150	150	150

Registration fee is inclusive of 18% GST

** Check World Bank High/Low-income country classification here – <https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups>

*** A student registering for the conference should be a holder of a student identification card from a recognized higher educational institution or a holder of an international student card. Proof of student status is required and should be sent at the time of registration.

For Cancellation and Refund policy, kindly refer to the conference website.

DESTINATION

INDIA

India, one of the world's oldest civilizations, is a mosaic of multicultural experiences. It marks out for having unrivalled natural beauty, ranging from tropical rainforest to snow-capped mountains. The maxim 'Athithi Devo Bhava' that translates to 'Guest is equivalent to God' dwells within the heart of every Indian. There exists a myriad of cultures, including those of the Portuguese, Dutch, French, Mughals, Persians and British. With the world rank of 8th in Tourism, the country is home to lush paddy fields, spectacular sunrises, historical places of worship and awe-inspiring rock-cut structures.



Kanyakumari, Tamil Nadu

TAMIL NADU

Tamil Nadu, the birthplace of the world's oldest language - Tamil, has a lot to offer with its unique festivals and breathtaking spectacles of nature, culture and art. Its ancient architectural marvels date back two millennia, a few of which are world heritage sites. The fervour of fans, their unique love, and frenzy for cinema and the culinary experience can compete with the best in the world. It has a beautiful coastline of over 1000 km, with golden sands, lush vegetation and twisted gorges cascading into a series of spectacular waterfalls. Adding to its rich heritage, there exists a juxtaposition of the 'Shola forest and grassland ecosystem' and the beautiful mountainous regions.

VELLORE

"They've kept the tale a hundred years; they'll keep the tale a hundred more" - Sir Henry Newbolt.

With its bright blue sky, the hillocks and the blazing sun, Vellore, 'The City of spears' is located on the banks of the River Palar in Tamil Nadu. Located in the heart of the city, the picturesque Vellore fortress boasts a military-inspired architecture that has stood the test of time. The city, surrounded by hills and facing the lovely sundown, puts on a purple tinge like a heather bloom to greet us with tropical temperature.



Thanjavur, Tamil Nadu



IVORY COAST



USA



INDIA



MALAYSIA



INDIA

ACADEMIC PARTNERS



National Taipei University of Technology
TAIWAN



Johann Heinrich von Thünen Institute
GERMANY



Universiti Malaysia
MALAYSIA



Ulsan National Institute of Science & Technology
SOUTH KOREA



Universiti Tunku Abdul Rahman
MALAYSIA

INDUSTRIAL PARTNERS



Nitto Hydranautics
USA



Azumi Filter Paper Co., Ltd
JAPAN

SUSTAINABILITY PARTNERS



RANITEC
INDIA



Jabatan Kerja Raya
MALAYSIA



Watershed Organisation Trust
INDIA



African Water and
Sanitation Association
Association Africaine de
l'Eau et de l'Assainissement
AWASA / AAEA

African Water and Sanitation Association
IVORY COAST



FORCE
INDIA

COMMITTEE MEMBERS

CHIEF PATRONS

Dr G. Viswanathan, Chancellor, Vellore Institute of Technology, INDIA

Dr Izuru Umehara, President, Yokohama National University, JAPAN

PATRONS

Mr Sankar Viswanathan, Vice-President, Vellore Institute of Technology, INDIA

Dr Sekar Viswanathan, Vice-President, Vellore Institute of Technology, INDIA

Dr G V Selvam, Vice-President, Vellore Institute of Technology, INDIA

STEERING COMMITTEE

Dr Rambabu Kodali, Vice-Chancellor, Vellore Institute of Technology, INDIA

Dr Partha Sharathi Mallick, Pro-Vice Chancellor, Vellore Institute of Technology, INDIA

Dr Jayabarathi T, Registrar, Vellore Institute of Technology, INDIA

Dr Muruganandam L, Dean – School of Chemical Engineering, Vellore Institute of Technology, INDIA

ORGANIZING COMMITTEE

Dr Mahesh Ganesapillai, Vellore Institute of Technology, INDIA (Conference Chair)

Dr Aruna Singh, Vellore Institute of Technology, INDIA (Conference Co-Chair)

Dr Kazuho Nakamura, Yokohama National University, JAPAN (Conference Co-Chair)

Dr Jakub Drewnowski, Gdańsk University of Technology, POLAND (Conference Co-Chair)

Dr Thirumalini S., Vellore Institute of Technology, INDIA (International Relations Chair)

Dr Govardhan K., Vellore Institute of Technology, INDIA (Programme Chair)

Dr Mohana Roopan S., Vellore Institute of Technology, INDIA (Technical & Publications Chair)

Dr Aslam Abdullah M, Vellore Institute of Technology, INDIA (Finance Chair)



TAIWAN



GERMANY



MALAYSIA



SOUTH KOREA



MALAYSIA

INTERNATIONAL ADVISORY COMMITTEE

Prof. Akihiko Terada, Tokyo University of Agriculture and Technology, JAPAN
Prof. Anastasia Zabaniotou, Aristotle University of Thessaloniki, GREECE
Prof. Anuradha Jabasingh S., Addis Ababa Institute of Technology, ETHIOPIA
Prof. Arunagiri A., National Institute of Technology Tiruchirappalli, INDIA
Prof. Atsushi Suzuki, Yokohama National University, JAPAN
Prof. Beteley Tekola Meshesha, Addis Ababa Institute of Technology, ETHIOPIA
Mr Bhaskaran M N, The Sanmar Group, INDIA
Prof. Carlo Ingrao, University of Bari Aldo Moro, ITALY
Prof. Chi-Wang Li, Tamkang University, TAIWAN
Prof. Dhanasekar R., Annamalai University, INDIA
Prof. Gerold Rahmann, Johann Heinrich von Thünen Institute, GERMANY
Prof. Hau Thi Nguyen, Dalat University, VIETNAM
Prof. Hem Raj Pant, Tribhuvan University, NEPAL
Prof. Hideaki Yoshitake, Yokohama National University, JAPAN
Prof. I Made Joni, Universitas Padjadjaran, INDONESIA
Prof. Jacek Mąkinia, Gdańsk University of Technology, POLAND
Dr Jennifer P. Tamayo, Forest Products Research and Development Institute, PHILIPPINES
Prof. Jih-Hsing Chang, Chaoyang University of Technology, TAIWAN
Mr Manikandan Vasudevan, Hydranautics Inc., INDIA
Ms Mariko Mori, Azumi Filter Paper Co., Ltd., JAPAN
Prof. Md Shafiur Rahman, Sultan Qaboos University, OMAN
Prof. Mohammed J.K. Bashir, Universiti Tunku Abdul Rahman, MALAYSIA
Dr Mohammed Shaad Ansari, Linköping University, SWEDEN
Dr Mukesh Upadhyay, University of Limerick, IRELAND
Prof. Murugesan Thanabalan, B. S. Abdur Rahman Crescent Institute of Science and Technology, INDIA
Prof. Mushtaque Ahmed, Sultan Qaboos University, OMAN
Dr Nandita Dasgupta, Universidad de Burgos, SPAIN
Prof. Nguyen Cong Nguyen, Dalat University, VIETNAM
Prof. Raghuram Chetty, Indian Institute of Technology Madras, INDIA
Dr Rajan Rathinasabapathy, Phillips 66, USA
Prof. Ramachandran K P, National University of Science & Technology, OMAN
Prof. Ramani Kannan, University Teknologi PETRONAS, MALAYSIA
Dr Randeep Singh, Yeungnam University, SOUTH KOREA
Prof. Rangaiah GP, National University of Singapore, SINGAPORE
Mr Ravinder Singh C., AAKASH Plantation L.L.C., UAE
Prof. Reddy Prasad D.M., Universiti Teknologi Brunei, BRUNEI
Prof. Regupathi I., National Institute of Technology Karnataka, INDIA
Mr Sadanand K., Gradient Corporation, SINGAPORE
Dr Saikat Sinha Ray, Ulsan National Institute of Science Technology, SOUTH KOREA
Ir Ts. Sakthiaswaran Kaliappan, Jabatan Kerja Raya, MALAYSIA
Prof. Sean Rigby, University of Nottingham, UNITED KINGDOM
Prof. Sekar S. K., Vellore Institute of Technology, INDIA
Prof. Shiao-Shing Chen, National Taipei University of Technology, TAIWAN
Prof. Shimelis Kebede Kassahun, Addis Ababa Institute of Technology, ETHIOPIA
Prof. Shivendu Ranjan, Indian Institute of Technology Kharagpur, INDIA
Dr Sivakumar D., RANITEC, INDIA
Mr Sylvain Usher, African Water Association, CÔTE D'IVOIRE
Dr TSK Sharma, University of Ulsan, SOUTH KOREA
Prof. Wan Abd Al Qadr Imad Wan Mohtar, Universiti Malaya, MALAYSIA
Prof. Watumesa Agustina Tan, Universitas Katolik Indonesia Atma Jaya, INDONESIA

CONTACT

Dr Mahesh Ganesapillai

Conference Chair-TECHNOSCAPE²³

Professor-School of Chemical Engineering,
VIT, Vellore, INDIA.

✉ maheshgpillai@vit.ac.in

☎ +91 9790299447

Dr Thirumalini Selvaraj

International Relations Chair-TECHNOSCAPE²³

Professor-CO₂ Research Centre,
VIT, Vellore, INDIA.

✉ thirumalini.selvaraj@vit.ac.in

☎ +91 9444135437

✉ technoscape.support@vit.ac.in

🌐 <https://technoscape.in/>



IVORY COAST



USA



INDIA



MALAYSIA



INDIA



TOWARDS A SUSTAINABLE FUTURE



TECHNOSCAPE²⁰²³



TECHNOSCAPE²⁰²³ Supports the SDGs



@technoscape_vit



Technoscape VIT



Technoscape VIT