

VIT[®]
UNIVERSITY
(Estd. u/s 3 of UGC Act 1956)

& InDA(SZ)



in association with



Jointly Organize

TECHNOSCAPE¹⁸
#RECOVER #REENGINEER #REUSEAN INTERNATIONAL CONFERENCE ON SUSTAINABLE WATER RESOURCES
- INNOVATIONS AND IMPACTS6th, 7th and 8th Sep¹⁸

IMPORTANT DATES TO REMEMBER

Abstract Submission Begins	: 18 th Sep ¹⁷
Abstract Submission Ends	: 3 rd Jan ¹⁸
Notification of Acceptance of Abstracts	: 15 th Dec ¹⁷
Full Paper Submission Begins	: 20 th Dec ¹⁷
Full Paper Submission Ends	: 28 th Feb ¹⁸
Early Bird Registration Begins	: 15 th Mar ¹⁸
Early Bird Registration Closes	: 30 th Apr ¹⁸
Regular Registration Closes	: 15 th Jun ¹⁸

VENUE: VIT University,
Vellore - 632014,
Tamil Nadu, India

REGISTRATION FEES

Category	Early Bird	Regular
Undergrad/ Post Grad students	₹ 2500	₹ 3000
Young researchers and PhD Scholars	₹ 3500	₹ 4000
InDA/ IICHE/SPE Delegates	₹ 4500	₹ 5000
Academic Delegates	₹ 5500	₹ 6000
Industrial Delegates	₹ 7000	₹ 8000
Foreign Delegates	300 (USD)	400 (USD)

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CONFERENCE THEMES

I.Desalination Technologies

Hybrid and Novel Desalination processes
Non-Conventional Energy based Desalination
Renewable Energy Powered Desalination
Thermal Desalination of Sea water

II.Membrane Technologies

Membrane Separation Processes
Hybrid Processes in Membrane Technology
Ultra and Nano-filtration Membranes
Membranes for Emerging Pollutants Removal
Membranes in water Reuse and water Reclamation

III.Reject Management

Biological water Treatment
GHG combating using Waste water
Adsorption and Bio-sorption
Zero Water Discharge

IV.Process water and Waste water Treatment

Impacts of Oil and Gas on water
Hydrocarbon effects on water resources
Innovative Technologies in Industrial Waste water Treatment
Fouling, Scaling and Corrosion Control
Recycling and Reuse of Waste water
Information Technology (IT) in Water Sector
Operation and Maintenance of Sanitation
Waste water processing in Downstream Petroleum sector
Modelling and Simulation of WWT in Petroleum Industry

V.Indian Water Scenario

Water Management in Agriculture
Smart Water Grid
Sensor Technology for Automation and Control
Data analytics in Network Planning
Interlinking Water Bodies
Storm water Management
Integrated Water Management
Water Auditing, Governance, Policy and Regulations
Capacity Development and Environmental Awareness

VI.Safe Drinking water

Ozone water Treatment
Advanced Oxidation Processes
Water Purification for Clean and Safe Drinking Water
Water Resources for Sustainable Development

PUBLICATIONS

Selected Full-length papers will be considered for publications, free of charge after peer review in Resource Efficient Technologies (Elsevier), Current Science, etc. The final decision of paper selection will be made based on peer review reports by Guest Editors and the Editor in Chief, jointly.



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PREAMBLE

Rising demand for water under dwindling fresh water resources is a challenge for Govt. bodies, Technologies and policy makers. Sustainability of the water supply systems is of paramount importance and it is constrained by social engineering issues, adequacy of technologies and theeconomics. Govt. of India in their bid to achieve an ambitious growth both in terms of quality of life and GDP has devised many a programs to achieve the objectives. Provision of safe drinking water at the point of use is a priority program besides making available adequate quantities of water to the industries through desalination, water purification and water treatment and recycling. Industries are also engaged in implementing measures to improve water use and value recovery from spent streams. New membrane technologies are under development for pollution abatement. VIT University, Vellore and InDA(SZ) in association with Yokohama National University is organizing an International Conference on Sustainable Water Resources-Innovations and Impacts. This would be an august platform to share the knowledge and experience and to provide a frame work to focus the efforts in achieving the objectives by the policy makers, the Govt. bodies, Technology developers, users researchers and students.

VIT UNIVERSITY

VIT UNIVERSITY was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. VIT UNIVERSITY VELLORE was established in 1984 and is a deemed university under the Section 3 of the UGC Act 1956. Ranked No. 1 Private Engineering Institution in India by MHRD Govt. of India (NIRF-2016 ranking). VIT-Winner of the prestigious national award from FICCI, 'University of the year' for 2016. The campus is a abode to 30000 students and is known globally for its diversity and cosmopolitan atmosphere.

YOKOHAMA NATIONAL UNIVERSITY

Yokohama National University (YNU) was established in 1949. Today, the university comprises 5 Undergraduate Colleges and 5 Graduate Schools. It has developed into a university with more than 1,000 staff and faculty and 10,000 students including nearly 1,000 international students. YNU established 6 international branches to strengthen international exchange, and form an international joint research base. YNU also established 7 international liaison offices for education, research and alumni association activities abroad.

InDA(SZ)

The Indian Desalination Association-(South Zone) InDA(SZ) was formed by Indian Desalination Association (InDA) to serve the specific needs of southern region of peninsular India in 2013. Besides following the goals of InDA, the InDA(SZ) would specifically strive to build awareness about the value of water and its management through an integrated manner encompassing all the facets of water, right from sourcing to ultimate disposal. It would strive to bring together the academics and the industries to work in synergism enabling innovations to provide clean drinking water as well as distribution methods and harvesting. The major activities would include publication of periodic bulletins and booklets covering articles on various water related aspects, holding awareness lectures and facilitating the entrepreneurs towards development of indigenous technologies for water purification.

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