

2nd edition
CII Conference on
**Emerging Technology Solutions for
Improved Water & Wastewater Management**

22 June 2022: Virtual Platform

Programme

1000 - 1105 hrs		
Opening Session		
1000 – 1010 hrs	Welcome & Opening Remarks	Mr Ajay Popat Conference Chairman & President Ion Exchange (India) Limited
1010 – 1025 hrs	Address	Dr Shyam R Asolekar MPCB Chair Professor Environmental Science & Engineering Department (ESED) Indian Institute of Technology Bombay (IITB)
1025 – 1040 hrs	Address on "Rapid 3D heliborne geophysical mapping of aquifers in diverse hydrogeological settings"	Dr Subhash Chandra Senior Principal Scientist NGRI, CSIR Government of India
1040 – 1055 hrs	Inaugural Address by the Chief Guest	Dr Anil K Kakodkar Chairman, Rajiv Gandhi Science & Technology Commission & Chairman of Jury CII National Awards for Excellence in Water Management
1055 - 1105 hrs	Concluding Remarks	Mr George Rajkumar Co-Chair, National Committee on Water Country President Grundfos India

1105 – 1220 hrs Session I: Wastewater Treatment with 3Es- enhanced Efficiency, Economic viability, and Environmental sustainability

The exploitation of water resources, both surface and groundwater, coupled with the pollution caused by domestic, agricultural, and industrial sectors has led to increased water stress in terms of availability as well as quality. Given these challenges, it is imperative that research & development in wastewater treatment needs to focus on minimizing costs, energy requirements and subsequent environmental impacts while meeting the regulatory guidelines.

1105 – 1110 hrs	Session Chair	Dr A B Gupta Professor - HAG Malaviya National Institute of Technology (MNIT)
1110 – 1130 hrs	<i>Predictive Analytics – Utility Management Systems</i>	Mr Rohit Nair Senior Product Manager – Automation Ion Exchange (India) Ltd
1130 – 1150 hrs	<i>Advanced ZLD Solutions</i>	Mr Rajesh Dalvi Regional Head Rochem Separation Systems (I) Pvt Limited
1150 – 1205 hrs	<i>Optimizing Water use in Industries through Water Pinch Analysis</i>	Mr Kandarp Shivpuri Counsellor CII Water Institute
1205 – 1215 hrs 1215 – 1220 hrs	Question & Answer Summing up	Dr A B Gupta

1220 – 1340 hrs Session II: Applications of IoT and Data Analytics in Wastewater Treatment

Implementation of Internet of Things enable collection of operation and performance related data for wastewater treatment plants and has immense potential for optimizing the processes. Analysis of energy and resource use along with effluent quality over time can help streamline processes and reduce consumption of energy & chemicals and waste from treatment plants. Remote Monitoring and predictive maintenance using IoT is another important benefit.

1220 – 1225 hrs	Session Chair	Mr Pinaki Bhadury Solutions Lead – Industrial Chistats
1225 – 1245 hrs	<i>IOT technologies application in the field of water metering</i>	Mr Phani Varanasi Managing Director Hanbit Automation Limited
1245 – 1305 hrs	<i>Harnessing the power of new age gold using modern technology</i>	Mr Arkul Shenoy Segment Head – WWW Global Solutions, International Operations Schneider Electric
1305 – 1325 hrs	<i>Digitalization in low voltage motors</i>	Mr Deepak Nayak LVM Business Development Siemens Limited
1325 – 1335 hrs	Question & Answer	
1335 – 1340 hrs	Summing up	Mr Pinaki Bhadury
1340 – 1350 hrs	Summing up of the Conference	Mr Ajay Popat Conference Chairman & President Ion Exchange (India) Limited