



Green-Strategic Technology Advocacy (Alliance) for Resilient Tomorrow (G-START)

Smart Water Solutions

Thursday, September 17, 2020
11:00 hrs (IST)



Expert Speaker (Taiwan)
Dr. Wayne Lo, Senior Researcher, ITRI



Expert Speaker (India)
Dr. Chandni Rallan, CEO, Circen Technologies

Registration Fee
Rs 300/-
(includes of GST)

REGISTRATION TO THE LIVE WEBINAR

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<https://www.npcindia.gov.in/NPC/User/webinarpage>

E-certificate of participation would be issued to the attendees

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About the webinar

National Productivity Council (NPC) India, has scheduled a webinar on theme “**Smart Water Solutions**”. It is fourth joint webinar where experts from National Productivity Organisations (NPOs) Taiwan and Indian experts, are to speak together in their field of expertise to promote Green Productivity (GP) in India and abroad.

Speakers: International Taiwanese expert speaker, supported by Indian expert speakers

1. Dr. Wayne Lo, Senior Researcher, Industrial Technology Research Institute (ITRI), **Taiwan**
2. Dr. Chandni Rallan, CEO, Circen Technologies, **India**

About Topic/Theme and Coverage:

❖ *Digital Transformation of Water Industry – AIoT Application to Water/Wastewater Treatment*

This Water technology integrates AIoT, automation and water treatment domain knowledge. The team has developed a series of intelligent SRP (Solution Ready Package) for different water treatment units. This AIoT system is also coupled with a visual remote control platform that provides real-time information of water treatment and conducts remote control. The topic covers

- Introduction of AIoT application in water industry
- Solution Ready Package (SRP) and Intelligent Monitoring Platform for water/wastewater treatment
- Case Study of Smart Control of Wastewater Treatment

❖ ***Growth opportunities in the Indian Wastewater treatment Industry***

- Water treatment – Current Industry Scenario
- Scope for upgradation
- Scope for IoT and AIoT water solutions in CETPs
- Scope for application of Technologies developed by ITRI _ BioNET, EDR, AIoT and QWater

Key learnings:

- IoT, AI and AIoT for water
- SRP (Solution Ready Package) and Intelligent Monitoring Platform (Dashboard)
- Application of AIoT technology to water/wastewater treatment and its benefits
- Current waste water treatment scenario in India
- Current Water treatment (domestic)
- Scope for upgradation and growth

Date: 17th September, 2020 (Thursday)

Time: 11:00 hrs- 12:15 hrs (Indian Time)

Participation fee: Rs 300/- inclusive of GST

Attendees will be provided e-certificate towards their participation in the webinar
