

**International Workshop-Cum-Exhibition on  
"Automation & Emerging Skill requirement for Efficient Water Resource Management"**

Date : 29th August 2019

Venue : Vigyan Bhawan, New Delhi

Date: 10.08.19

**Organizing Committee**

**Chairman**  
Nagendra Goel  
Founder Chairman  
& GC Member  
IASC - Sector Skill Council  
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BIPS Group

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Dear Hon'ble Vice Chancellor,

Greetings!

**Sub: Invitation for "International Workshop-Cum-Exhibition on Automation & Emerging Skill requirement for efficient Water Resource Management" to be held on 29th August 2019 at Vigyan Bhawan New Delhi.**

Dear Sir,

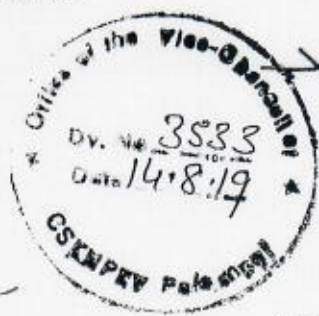
I on behalf of organizing committee is pleased to invite you for "International Workshop-Cum-Exhibition on Automation & Emerging Skill requirement for efficient Water Resource Management" to be held on 29<sup>th</sup> August 2019 at Vigyan Bhawan, New Delhi organized by IASC-Sector Skill Council (an autonomous body, under the purview of the Ministry of Skill Development & Entrepreneurship, Government of India.), in association with CWPRS, NHP Ministry of Jal Shakti GOI, World Bank and supported by Industries.

This International forum gives an opportunity to all stakeholders worldwide in this sector to share a common platform to enhance their knowledge on the latest technological advances to reduce demand supply gap of water in our country and also the issue of skill gap relevant for the development of this sector. The event will witness participation of more than 300 National & International experts, End Users, Consultants, DEMs and System Integrators, Researchers and Academician who will deliberate on use of technology & skill challenges involved in water conservation, waste water management, water distribution and flood control etc.

It would be a great honor for IASC-SSC members and experts from India and abroad to welcome you and the officers from your department.

Please Register: (<http://work121.com/Projects/IASC/EventRegistration.aspx>)

With warm regards



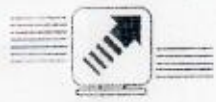
*[Signature]*  
Nagendra Goel  
(Chairman)  
Cell: 98731-99002

*Regintra*

*V.C.*  
*13/08/2019*

*Regintra*  
*14/8*

Partnering Organizations :



*16/8/19 SAR*



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## International Workshop-Cum-Exhibition on

**“Automation & Emerging Skill requirement for efficient Water Resource Management”**

**Organized by**

**IASC Sector Skill Council in Partnering with**

**CWPRS, NHP (M/o Jal Shakti, Government of India) BIPS and Phoenix Contact**

**On 29<sup>th</sup> August 2019 at Vigyan Bhawan, New Delhi.110001**

### Objective of Workshop:

To discuss and showcase available technology for water resource, water distribution, waste water management, water conservation, and flood control.

Skill Gap Analysis and demand aggregate of Human Resource for implementation of latest technologies (Instrumentation & Automation) in water sector.

Networking of stakeholder (users, service providers, NGOs, Government Departments Manufacturers & system integrator) to address the challenges of water sector by joining hands together to provide effective solution.

### Participants of Workshop:

- (1) **International Delegates:** Confirmation received from German, China, Mauritius and Maldives.
- (2) **Central & State Government Organizations.**
- (3) **Academicians & researches from different Institutes, Universities.**
- (4) **Corporates, Manufacturers, Consultants and System Integrators.**

### Takeaway from Workshop:

The workshop is expected to identify the opportunities and challenges in the implementation of modern technologies for effective water resource management, water conservation & waste water management. Besides this workshop, will also focus on use of technologies in water sector for smart cities.

### Suggested Topics for the Workshop

- Integrated Waterworks Managements System.
- Emerging Technologies for Water Resource Management.
- Application of SCADA in Water-distribution management system.
- Affordable solution of waste water treatment for Institutions.
- Water Conservation/Rain Water Harvesting.
- Change of technology from flood irrigation to drip irrigation including change in agriculture practices and crops.

- Change in technology for flushing, cleaning utensils, bathing and construction industries, using appropriate afforestation for water conservation.
- Automation in waste water treatment and sewage treatment plant.
- Application of AI & ICT for effective Water Management in Agriculture.
- Opportunities of Industry 4.0 on water resource management and related Industries.
- Skill needs and likely skill gap in water resource management and related industry.
- Experience & case studies in water resource management.
- River Rejuvenation (use of modern technology like Rubber Dam for ensuring e-flow and preserving flora and fauna in rivers), dredging of rivers (using modern machines).
- Flood management by using Modern Technology, Reclamation of water bodies and Reservoirs.
- Use of Solar energy for pumping water.

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