

# National Seminar

on

## INNOVATIVE WATER AND SEWERAGE MANAGEMENT PRACTICES IN URBAN ENVIRONMENT

20th to 21st January 2018

Organized by



**Indian Water Works Association,  
Mumbai Centre,**

*In association with*



Water & Sanitation Support organization,  
Government of Maharashtra,



Indian Institute of Technology Bombay,  
Mumbai



Municipal Corporation of Greater Mumbai  
Mumbai



Maharashtra Jeevan Pradhikaran

**Venue :**

**VMCC Convention Centre  
Indian Institute of Technology, Bombay  
Powai, Mumbai - 400076.**

### National Seminar on INNOVATIVE WATER AND SEWERAGE MANAGEMENT PRACTICES IN URBAN ENVIRONMENT 20th & 21st January 2018

#### About IWWA

Indian Water Works Association (IWWA), is a voluntary body of professionals concerned with water supply for domestic, industrial and agricultural uses; its treatment and disposal of waste water. IWWA focuses basically on the entire "Water Cycle" encompassing the environmental, social, institutional and financing issues. Founded in 1968 with headquarters at Mumbai, now has 32 Centers spread across the country and is very active in conducting different activities in the area of Water Supply and Wastewater Treatment and Disposal. IWWA has a membership of more than 10,000 plus professionals spread all over the country and abroad. IWWA brings out a quarterly Journal and a newsletter called Mid-stream. At the international level, it has relation with other similar associations such as:

- ◆ International Water Association (IWA)
- ◆ American Water Works Association (AWWA)
- ◆ Global Water Partnership (GWP)
- ◆ Japan Water Works Association (JWWA)

Mumbai Centre established in 1980, having eminent water professionals and multinational water corporations as members. Since beginning Mumbai Centre has successfully organized number of National and International Seminars to address water related subjects. Mumbai Centre in collaboration with

- ◆ Indian Institute of Technology, Bombay
- ◆ Municipal Corporation of Greater Mumbai.
- ◆ Maharashtra Jeevan Pradhikaran
- ◆ Water and Sanitation Support Organization, Govt. of Maharashtra

Is now organizing a National Seminar on "Innovative Water and Sewerage Management Practices in Urban Environment" on 20th & 21st January 2018 at IIT Bombay.

#### Theme of the Seminar

An adequate water supply that meets the existing and future water demand for a developed city, developing town and upcoming urban centre is very vital for its sustained growth, public health protection and prosperity. The WHO in its Global Health Observatory Data, 2016 has mentioned that "the urban population in 2014 accounted for 54% of the total global population, up from 34% in 1960, and continues to grow. The urban population growth, in absolute numbers, is concentrated in the less developed regions of the world. It is estimated that by 2017, even in less developed countries, a majority of people will be living in urban areas".

As regards the water supply and sanitation services in urban areas is concerned, the World Bank Report states: "Only 64 percent of the world's population now has improved sanitation access, a figure projected to increase only to 67 percent by 2015, well below the 75 percent aim in the Millennium Development Goals (MDGs), even people who have access to water supply and sanitation services often have to cope with poor service provision".

The condition in India is not different. A study by WaterAid estimated "as many as 157 million Indian or 41 percent of Indians living in urban areas, live without adequate sanitation. India comes top for having the greatest number of urbanites living without sanitation".

Government of India in its most fundamental planning introduced AMRUT schemes that benefited many cities and upcoming towns to improve their overall infrastructure. On water supply and sanitation front, this has certainly helped many authorities to rehabilitate their existing water supply schemes and also to augment various essential components. We are sure that should have been benefiting in improving adequate water supply for many consumers and over all hygiene due to proper sanitation. Now it is right time to plan for efficient management policies to utilize these rehabilitated and newly augmented water and sewerage infrastructure assets. These policies must ensure maximum consumer satisfaction and shall also aim at improving financial status of the water authorities to manage their system on their own.

Decreasing water availability, declining water quality, and increasing water demand are creating major new challenges for consumers and industries who have historically taken clean and cheap water availability for granted. Now water shortages have been warned in many key cities of our country in the coming decades and water authorities are urging companies and investors to examine all possible technologies for recycle and reuse of waste water.

Considering the need of an hour to focus on these critical issues, this national conference is aimed to harness the rich experiences learned from recent contracts, nationally and internationally. It shall be offering a platform for exchanging views from all stake holders and finally presenting the water authorities key guidelines for managing their utilities in a most efficient way, particularly to implement the schemes under AMRUT following sub themes are covered,

- ◆ Innovations in Water & Sewage Treatment
- ◆ Innovations in Water Loss reduction Innovations in bulk metering, consumer metering, billing and recovery mechanism
- ◆ Innovations in Recycle and Reuse of waste water
- ◆ Water Supply and sanitation system : Asset appraisal and management policies
- ◆ Discussions on Landmark Water & Sewage Projects
- ◆ Management Contract Risk - Assessment, mitigation, sharing and insurance
- ◆ Good governance, regulation and tariff structure
- ◆ Selection of best EPC and/or PPP model
- ◆ Human resource policies in management contracts
- ◆ Funding pattern, Financial models for management contracts
- ◆ Role of a facilitator in management contracts.

We have invited world renowned veterans, key technocrats from authorities, emeritus academicians, leading consultants and industry leaders to share their experience, innovations, implementing experience to spread the knowledge and to create awareness to grass root level.

#### Who to participate

Administrative and engineering heads from Municipal Corporations, Councils, state level water authorities, aspiring infrastructure operators, manufacturers, consulting houses, social organizations, NGOs and Student, Academicians etc.

#### How to participate

Registration form is enclosed with the brochure. The same is also available on the website of [www.iwwamumbai.com](http://www.iwwamumbai.com). The registration form duly filled with relevant details and fee shall be forwarded to IWWA, Mumbai Centre Office.

#### Sponsorship

Sponsorship opportunities are available to all leading industrial houses, vendors, and infrastructure operators and we appeal all of them to support this unique event.

Platinum Sponsorship	Rs. 1,00,000 – 5 delegates free
Golden Sponsorship	Rs. 50,000 – 3 delegates free
Silver Sponsorship	Rs. 25,000 – 2 delegates free
	(+ Taxes as applicable)

#### Commercial Session

<b>20 Minutes</b>	Rs. 25,000/- (Two Delegates free)
	(+ Taxes as applicable)

#### Advertisement

<b>Full Page (colour)</b>	Rs. 25,000/-
Full Page (B&W)	Rs. 10,000/-
Half Page (B&W)	Rs. 5,000/-
	(+ Taxes as applicable)

#### Delegates Fee

<b>For IWWA members</b>	<b>Rs. 1,700/-</b>
For Non-IWWA members	Rs. 1,800/-
For Student	Rs. 750/-

All payment shall be made by Demand Draft / Pay order drawn in favour of "IWWA Mumbai Centre" payable at Mumbai.

**Last date of registration : 7<sup>th</sup> January 2018**

#### Convener

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## ADVISORY COMMITTEE

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<b>Mr. Santosh Kumar, IAS</b>	Member Secretary, Maharashtra Jeevan Pradhikaran
<b>Mr. Sanjay Mukherjee, IAS</b>	Commissioner, Municipal Corporation of Brihan Mumbai
<b>Dr. Rajesh Gupta</b>	President, IWWA
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<b>Er. Manisha Palande</b>	Chief Engineer (Konkan), Maharashtra Jeevan Pradhikaran
<b>Dr. Satish Umrikar</b>	Director, Water & Sanitation Support Organisation, Maharashtra
<b>Mr. M. C. Deo</b>	Professor, Indian Institute of Technology, Bombay
<b>Er. A. S. Tawadia</b>	Hydraulic Engineer, MCGM
<b>Er. P K Charankar</b>	Ex- Deputy Municipal Commissioner, MCGM
<b>Er. K B Wadhavane</b>	Director (Technical), IWWA

## ORGANIZING COMMITTEE

<b>Er. Ramesh Bambale</b> Convener	<b>Dr. Ulhas S Naik</b> Organising Secretary
<b>Er. Ulhas Divekar</b> Co-Convener	<b>Dr. Eldho T.I.</b> Co-Convener
<b>Er. Ulhas Paranjape</b> Facilitator	<b>Er. Pramod Dalvi</b> Event Treasurer

#### Members

Er. G. N. Ganla	Er. G. V. Patade	Mr.. A. K. Jain
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