



Venue  
Hotel Satkar  
Residency,  
Pokharan Rd  
Number 1,  
J K Gram,  
Thane West  
Maharashtra  
  
5.00–8.00 PM



Er. Pramod Dalvi  
Hon. Secretary  
Mumbai Centre



Er. Maniessa  
Palande  
Chairperson,  
Mumbai Centre

## INDIAN WATER WORKS ASSOCIATION MUMBAI CENTRE

We cordially invite all for  
*Annual General Meeting,  
Lecture Meeting and  
Felicitation of senior IWWA Members*

IWWA Mumbai Centre shall  
be convening its Annual  
General Meeting on 12th  
November 2022

Dr. Pradeep Kalbar  
shall be delivering  
lecture on  
“Innovative Design and  
Implementation of  
Water Supply Systems  
in India Using  
Hydraulic Isolation  
Structures”

IWWA Mumbai Centre  
shall be conducting  
felicitation of the  
IWWA Senior Members As  
a token of respect .



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## **INDIAN WATER WORKS ASSOCIATION**

### **MUMBAI CENTRE**

#### **Abstract:**

In this talk, first, the present challenges of water supply infrastructure in India in both urban and rural settings will be presented. The drivers for intermittent water supply will be discussed, and the vicious cycle of water infrastructure will be presented. The new hydraulic modeling approach for studying flow-starved water networks will be presented. Challenges in the design and modeling of intermittent water supply networks will be discussed. A decentralized infrastructure approach, along with an innovative hydraulic isolation system, will be presented. Many advanced hydraulic solutions will be introduced, and their benefits, such as low-cost and energy efficiency, will be presented. Success stories of implementing these innovative solutions at different places will be discussed.

#### **Brief Introduction :-**

Dr. Pradip Kalbar was awarded PhD in Environmental Science and Engineering from the Indian Institute of Technology Bombay (IITB), Mumbai. Presently, he works as Associate Professor at the Centre for Urban Science and Engineering (CUSE) at IITB. Prior to joining IITB as faculty, Pradip worked for two-years as postdoctoral researcher at the Technical University of Denmark (DTU).

He has received prestigious awards such as "Excellence in Ph.D. thesis Award 2014" from IIT Bombay, Young Faculty Award 2016, IIT Bombay, "Early Research Achiever Award 2019" from IIT Bombay and "PRISMA - Sustainability Assessment and Policy Award -2020".

Dr. Kalbar has published several scientific papers in peer-reviewed international journals and conferences. Recently, interventions based on his work for improving water supply in India are recommended by the Ministry of Jal Shakti for implementation in all the states. He also has wide industrial and consulting experience in the area of the water sector, urban waste management and environmental sustainability. He was the Member of the Technical Advisory Committee for Water Supply of the Municipal Corporation of Greater Mumbai (MCGM) and member of the management committee of the International Water Association's Specialist Group on Intermittent Water Supply. He is life member of IWWA. Dr. Kalbar is also the Editor of the Water Reuse journal (IWA Publishing). Recently he has set-up a start-up company to provide appropriate solutions for water supply systems in India.