

Online Lecture Series on  
**INDIAN KNOWLEDGE SYSTEM (IKS)**



राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान  
संस्थान, कोलकाता

(शिक्षा मंत्रालय, भारत सरकार)

National Institute of Technical Teachers'  
Training and Research, Kolkata

(Ministry of Education, Government of India)



# ANCIENT WATER MANAGEMENT

**DR. DIPANKAR BOSE**

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On

29<sup>th</sup> December 2023, Friday

4 PM to 5 PM



Free online Registration Form Link :  
<https://forms.gle/wb5CKqemGdt5ru4C9>

## BIO SKETCH OF

### Dr. Dipankar Bose

Dr. Dipankar Bose presently working as a professor in the Department of Mechanical Engineering of National Institute of Technical Teachers 'Training and Research, Kolkata (Sponsored by Ministry of Education, Govt. of India). His areas of interests are Fluid Mechanics, Fluid Power Technology, Water Resources Management, Reliability Engineering. He has published more than 70 research papers in International/National Journals and conferences. In recent years he has delivered a number of invited lectures in the area of Water Resources Management. He has published several research papers in the area of Water Resources Engineering in reputed journals like Water International, Journal of Applied Hydrology, Water Resources Engineering, ESCAP. He has reviewed Journal Papers of Water International.

He is a member of Board of Studies of various technical institutions under Maulana Abul Kalam Azad University of Technology (MAKAUT) WB and life member of Indian Society for Technical Education (ISTE).

## ANCIENT WATER MANAGEMENT

### Synopsis

Water management has been a millennia long concern, culminating in the present water crisis. Water management is defined as the societal operation of the natural flow and accumulation of water. While innovation is often the key to combatting new challenges, rejuvenation of ancient water conservation technologies is the need of the hour.

Our ancestors from ancient India have developed water conservation methods in combating water scarcity. The excellent water harvesting and drainage systems in the cities of Indus Valley Civilization are masterpieces of their time and were so prominent that even today's modern-day water harvesting structures can be based upon their design.

In the light of the above, an attempt has been made to assess some of the ancient water conservation technologies for sustenance even on modern times.