

**VIRTUAL CONFERENCE
ON**

SMART WATER TECHNOLOGY

15TH & 16TH JANUARY 2022 | 10:00 AM TO 04:00 PM

Increasing water demand due to rapid urbanization coupled with an increasing uncertainty in water availability due to climate change has put immense pressure on water utilities and infrastructure. For the sustainable and intelligent use of water, Smart water technologies can find application in advanced data collecting mechanisms, automation in irrigation, sophisticated quality assessments, enhanced modelling and uncertainty quantifications.



ORGANIZED BY :

**CENTER FOR WATER RESOURCE MANAGEMENT
INDIAN INSTITUTE OF TECHNOLOGY (ISM) DHANBAD**



KEYNOTE SPEAKERS



Prof. Venkatesh Uddameri,
Director, Water Resource Center,
Texas Tech University, Lubbock



Prof. Ashish Sharma,
Professor of Civil and Environmental
Engineering, University of New South
Wales, Sydney, Australia



Prof. Eric Van Hullebusch,
Professor, Biogeochemistry of
Engineered Ecosystems,
Institute De Physique Du Globe
De, Paris



Prof. Elango Lakshmanan,
Professor, Dept. of Geology,
Anna University, Chennai



CHIEF PATRON
Prof. Prem Vrat
 Chairperson, BOG,
 IIT(ISM) Dhanbad



PATRON
Prof. Rajiv Shekhar
 Director
 IIT(ISM) Dhanbad



Prof. Shalivahan
 Deputy Director &
 Dean (R&D)
 IIT(ISM) Dhanbad



Prof. Anshumali
 Head, Dept. of ESE &
 Head, CWRM
 IIT(ISM) Dhanbad



Prof. U.K. Singh
 Coordinator, CWRM
 IIT(ISM) Dhanbad



Prof. P.K. Singh
 Coordinator, CWRM
 IIT(ISM) Dhanbad



Prof. Srinivas P.
 Coordinator, CWRM
 IIT(ISM) Dhanbad



Prof. B.K. Mishra
 Co-coordinator, CWRM
 IIT(ISM) Dhanbad



Prof. Sanjit Pal
 Co-coordinator, CWRM
 IIT(ISM) Dhanbad



Prof. Bandita B.
 Co-coordinator, CWRM
 IIT(ISM) Dhanbad



Prof. Tinesh P.
 Co-coordinator, CWRM
 IIT(ISM) Dhanbad



Prof. Renu V.
 Co-coordinator, CWRM
 IIT(ISM) Dhanbad



Prof. K. Chanda
 Co-coordinator, CWRM
 IIT(ISM) Dhanbad



THE ORGANIZING TEAM



ABOUT

IIT (ISM) DHANBAD

The Indian School of Mines was formally opened on 9th December 1926, by Lord Irwin, the then Viceroy of India to address the need for trained manpower related to mining activities in the country with disciplines of Mining and Applied Geology. In 2016 it was granted the status of a IIT. The Indian Institute of Technology (Indian School of Mines) constituted under Institute of Technology Act, 1961 is administered through IIT Council-the apex body, Government of India under the Chairmanship of Honourable Minister, MoE for uniform and smooth governance of Pan-IIT in our country. It is situated in the heart of the country's prime coking coal belt, 260 kms from Kolkata with a campus spread over an area of 393 acres, (with 218 acres of existing campus and 175 acres under acquisition and development) the fully residential IIT(ISM) has all the facilities of world class academic institute. What started as an institution to impart mining education has graduated into a full-fledged technical institution of international acclaim offering a host of programmes like B. Tech., M. Tech., M. Sc. Tech., and MBA.



ABOUT

CWRM

The "Center for Water resource Management" or CWRM comprises of an interdisciplinary team of scientists and engineers at IIT (ISM) which conducts research and development activities for sustainable utilization and management of the Earth's water resources. It acts as a centre of excellence for the development of knowledge and for capacity building in the domain of water resource exploration and management. Among other things, the CWRM aims to work on the area of "Water Security" which is one of the most important global economic development issues classified under UN-Sustainable Development Goals 2015-30 (UN-SDGs, 2015-30).



SCOPE/NEED OF

CONFERENCE

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This conference will host key note lectures from domain experts across the world and also provide a platform for early career researchers to present their research findings on various aspects of smart water. It is expected to be of interest to students, industry practitioners and stake holders.



CALL FOR PAPER

(LAST DATE
31ST DEC 2021)

>>> CONFERENCE THEME

SL. NO.	RESOURCE TOPICS	EXPLORE TOPICS
1	Water Resources	Potable Reuse, Groundwater, and Wastewater
2	Water Resources Management	Source Water Protection, Climate Adaptation, Water Conservation, and Planning and Sustainability
3	Smart water technologies	Integrating smart water technologies into existing water infrastructure
4	Water Quality and treatment	Waterborne Pathogens, Contaminants of Concern, Water Quality, Treatment

Research papers pertaining to the virtual conference are accepted and should not exceed 5 pages in length. Author(s) are requested to submit their papers on or before December 31, 2021. The paper/registration is to be submitted through provided link in MS Word Format along with Figures etc. Research papers will be reviewed by the Scientific Review Committee on the basis of Scope / Themes of conference and will be classified for presentation. For any query please feel free to contact via email at: swtiitism@gmail.com.

Google link for registration & Paper submission: <https://forms.gle/74UmCLRqNzrjSpg59>

REGISTRATION FEES:

STUDENTS: 500 INR

PROFESSIONALS: 1000 INR

PAYMENT DETAILS:

Name of the Account: IIT (ISM) Special Fund

Account Number: 0986101024892

Name of the Bank: Canara Bank

IFSC: CNRB0000986