

CALL FOR PARTICIPATION:

The workshop is open to:

- Academicians and Researchers
- Industries working in water/wastewater sector
- Public sectors organizations dealing in urban water
- NGOs working in Water Sector

Interested person should send participation request to workshop conveners through e-mail (mktiwari@swr.iitkgp.ac.in, marora@unimelb.edu.au) latest by Oct 21, 2019.

For those, willing to deliver presentation in the workshop, a brief abstract (max 200 words) should be submitted along with the e-mail.

Fee, Travel and Accommodation

There is NO registration fee for attending the workshop.

However, participants will have to make their own travel and stay arrangements. Accommodation could be made available on payment basis.

Important Dates/Deadlines

Last date for receiving participation request..... Oct 21, 2019

Intimation of acceptance of participation request..... Oct 22, 2019

Request for Accommodation.... Oct, 25, 2019

Workshop Dates..... Nov 4-6, 2019

ORGANIZING TEAM:

Conveners

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Co-conveners

Prof. Peter Scales
(Melbourne School of Engg, Univ. of Melbourne)

Dr. Bhabagrahi Sahoo
(School of Water Resources, IIT Kharagpur)

Dr. Wenyan Wu
(Melbourne School of Engg, Univ. of Melbourne)

Prof. Sudeep Misra
(Dept. of. Computer Science and Engg, IIT Kharagpur)

Dr. Abhijit Mukherjee
(Dept. of Geology and Geophysics, IIT Kharagpur)

Dr. Anthony Stickland
(Melbourne School of Engg, Univ. of Melbourne)



Indo-Australian Workshop on Integrated Urban Water Management Systems

Nov 4-6, 2019

*Indian Institute of Technology Kharagpur,
Kharagpur, WB - India*

ORGANIZED BY:

**School of Water Resources,
IIT Kharagpur, India**

&

**Melbourne School of Engineering,
University of Melbourne, Australia**



Supported by:

Scheme for Promotion of Academic and Research Collaboration



ABOUT THE SPARC PROJECT AND WORKSHOP:

Under the Scheme for Promotion of Academic and Research Collaboration (SPARC) program of Ministry of Human Resources and Development, Government of India, IIT Kharagpur, India and the University of Melbourne, Australia have joined hands for the project on “Integrated Urban Water Management for Enhanced Water Security” where Indian and Australian project partners wish to collaborate to investigate and analyze the most “workable” solutions for the urban water management targeted to diversely natured Indian and Australian cities/towns.

This workshop, as a component of the aforementioned project aims to bring together the various stakeholders including academicians, industries, and public sectors organizations working in urban water sector, for brainstorming over sustainable and interdisciplinary approaches to address various issues related to urban water management. The workshop would attempt to cover the various domains of urban water management, including water demand analysis and management, water pollution including emerging contaminants and quality control, wastewater management and reuse, integration of storm water and wastewater in urban water cycle, automation and IoT for monitoring and management, and role of modeling and simulations in urban water management.

WORKSHOP SESSIONS AND THEMES:

- Water Quality Control
- Nanotechnology and Membrane Technologies for Water Treatment
- Water Demand Management
- Modeling and Simulations for IUWM
- Water and Energy Auditing
- Resources Mapping
- Automation and IoT in Urban Water Systems
- Surface Water- Groundwater Interaction
- Sustainable Wastewater Management Approaches
- Fit-for-Purpose Wastewater Treatment
- Climate Change Impacts and Adaptations
- Economics and Governance
- Real-Field Challenges



WORKSHOP VENUE: IIT KHARAGPUR

Indian Institute of Technology, Kharagpur, popularly known as IIT Kharagpur or IIT KGP, is the oldest and the largest IIT with around 2100 acres campus area, located in Kharagpur, nearly 130 Kms west of Kolkata. Kharagpur is the fourth largest city of West Bengal, and apart from IIT, the town is also famous for having one of the largest railway workshop of India.

The institute has diversified academic capabilities with offerings in engineering and technology, management, law, architecture, humanities, etc, and is one among the institute of eminence (IoE) recognized by union government.

How to Reach

The nearest airport to Kharagpur is the Netaji Subhas Chandra Bose International Airport (CCU), Kolkata, which has direct air connectivity to most major cities worldwide. From Kolkata Airport, IIT Kharagpur is approximately 140 Kms (2.5 hrs drive).

Kharagpur is well connected through rail and road with most major cities/towns in India. The Institute is about 10 minutes drive (5 km) from the Kharagpur railway station.