

ROUNDTABLE MEET CUM WORKSHOP ON “CHALLENGES AND TRENDS IN WATER QUALITY MONITORING OF RIVERS”

The Centre for Technology Alternatives for Rural Areas (CTARA) at IIT Bombay, in collaboration with experts from the University of Vermont (UofV), Burlington, USA, and University of Toronto (UofT), Canada, is arranging a **roundtable meet cum workshop on “Challenges and Trends in Water Quality Monitoring of Rivers”** in February 2024. The workshop is being organized as part of ‘Seed funding for Collaboration and Partnership Projects (SCPP)’ supported by the Institute of Eminence (IOE) funds of IIT Bombay and the agenda is to bring the various stakeholders working towards protecting water quality of surface water bodies on a common platform to share their knowledge and challenges to help build a comprehensive water quality plan (including sampling and testing) for surface water bodies to protect the water quality.

As the main stakeholders include the State Pollution Control Boards, State Water Supply and Sanitation Departments, as well as academicians, we request you to deputy some of your regional officers, senior scientific / scientific officers for the workshop.

The expected outcomes of this roundtable meeting are knowledge sharing between academicians and practitioners and bringing the discussion forward through collaboration while sharing challenges across various fields and understand the current trends in tackling these. The workshop will be followed by a field demonstration of new technologies developed by multiple academic and non-academic institutions.

DATE OF WORKSHOP- 21ST AND 22ND FEBRUARY 2024 VENUE: VMCC, IIT BOMBAY

To check eligibility to attend the event contact us on-
meghrajgarad3713@iitbombay.org

**Entries are limited and restricted to resource persons/stakeholders practicing/working in the surface water quality monitoring, river actions plans field, academicians working on designing and planning water quality monitoring network.*

Venue: Board Room 4- VMCC Jalvihar Guest House, IIT Bombay	Date: 21st and 22nd Feb 2024 Wednesday and Thursday
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DAY-1 (TENTATIVE)

10:00 – 10:30	Registration and Tea/Coffee
10:30 – 10:45	Welcome and Introduction to the Workshop Prof. Bakul Rao (about 5 min), Coordinator of the Workshop Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay Round of Introduction (about 10 min)
10:45 – 11:00	ABOUT CTARA Prof. Anand Rao, Head of Department Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay
11:00 – 12:45	Water Quality of Rivers and Need for Rapid Monitoring Practices Prof Bakul Rao / Mr. Meghraj Garad Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay
12:45 – 01:30	MPCB's Perspectives, Strategies and Practices on Water Quality Monitoring of Rivers MPCB representative, Maharashtra Pollution Control Board (MPCB), Government of Maharashtra
01.30 – 02.30	Lunch Break
02:30 – 03:15	Ongoing Research/Trends in Rapid Water Quality Monitoring (Sampling) Prof Hugh, Institute for Aerospace Studies Civil and Environment Engineering, University of Toronto, Canada
02:15 – 03:00	Ongoing Research/Trends in Rapid Water Quality Monitoring (Testing) Prof Appala Raju Badireddy Civil and Environment Engineering, University of Vermont, Burlington USA
04:00 – 04:15	Tea Break
04:15 – 06:00	Detailed Practices of Water Sampling, Testing and Data Management-Experience/Success Stories Sharing by Regional Officers Regional Laboratories Representatives (4 officials of MPCB/KSPCB) Maharashtra Pollution Control Board, Government of Maharashtra

DAY-2 (TENTATIVE)

09:30 – 10:00	Tea/Coffee
10:00 – 10:45	The River Water Pollution due to Non-point Sources– A case of Warana River Basin Prof Shridhar Kumbhar, Head of Civil Department Rajarambapu Institute of Technology, Islampur
10:45 – 11:30	Urban Water Quality Issues and Monitoring Practices Prof. Pradip Kalbar, Centre for Urban Sciences and Engineering (CUSE), IIT Bombay
11:30 – 12:15	KSPCB's Perspectives About Water Quality of Rivers and Steps Taken by State: Policies, Strategies and Practices KSPCB representative, Karnataka State Pollution Control Board (KPCB), Government of Karnataka
12:15 – 01:00	Evolution of Water samplers Meghraj Garad, Ph.D scholar, Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay
01:00 – 02:00	Lunch Break
02:00 – 02:45	Ongoing Research on River Water Quality Monitoring Representative from NEERI National Environmental Engineering Research Institute (NEERI), Nagpur
02:45 – 04:45	Round-table Discussion on Challenges and Efficient Ways to Monitor the River Water Quality and Way Foreword MODERATOR-PROF BAKUL RAO
04:45 – 04:50	Vote of Thanks and Feedback Meghraj Garad, Centre for Technology Alternatives for Rural Areas (CTARA), IIT Bombay
04:50 – 05:15	Tea and Snacks

CONTACT DETAILS

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