

# Hands-on Workshop on Droplet Digital PCR

(National Level Workshop with a Special Focus on Molecular Virology)

**11-14 AUGUST 2025**

## WORKSHOP OVERVIEW

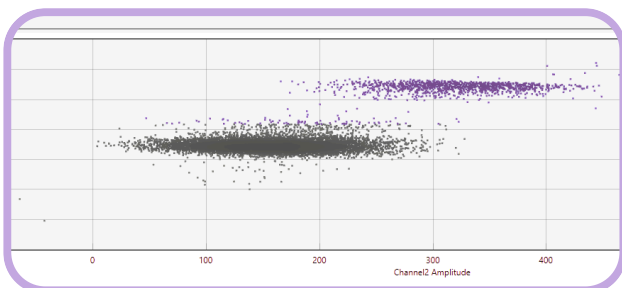
### Workshop Content:

- Wastewater sample processing
- Biosafety measures for sample processing
- DNA/ RNA isolation
- ddPCR reaction setup and ddPCR run
- ddPCR QuantaSoft Software training

for the result and Interpretation

## SPEAKERS

- Prof. R.K. Ratho, PGIMER Chandigarh
- Dr. Yashpal Singh Malik, GADVASU, Punjab
- Dr. Pradip Vijay Barde, ICMR-NIV, Jabalpur
- Dr. Niranjana Mishra, NIHSAD, Bhopal
- Dr. Ritesh Vijay, CSIR-NEERI, Nagpur
- Dr. Mallika Lavania, ICMR-NIV, Pune
- Dr. Shaswati Nema, AIIMS, Bhopal
- Prof. N.P. Sunil Chandra, University of Kelaniya, Sri Lanka
- Dr. Bhupendra K. Verma, AIIMS, New Delhi



## ABOUT ICMR-NIREH

ICMR-NIREH Bhopal is one of the permanent institutes of the ICMR, a government of India's apex autonomous organization for biomedical research. NIREH delves into the intricate interplay between environmental factors and human health. Its mandate extends to conducting rigorous research aimed at safeguarding communities from the adverse effects of acute and chronic environmental exposures.

## ORGANIZERS

Chief Patron:

**Dr. Rajnarayan R. Tiwari**

Organizing Chairperson:

**Dr. Pradyumna Kumar Mishra**

Organizing Secretary:

**Dr. Ram Kumar Nema**

Organizing Committee:

**Dr. Vishal Diwan**

**Dr. Devojit Kumar Sarma**

**Dr. Surya Singh**



## VENUE

Department of Environmental Biotechnology, Genetics, and Molecular Biology  
ICMR-National Institute for Research in Environmental Health, Bhopal, MP, India



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## WHO CAN APPLY

- Faculty, postdocs, PhD Scholars, and PG students
- The Workshop is limited to 30 participants
- Applications will be accepted on or before July 21, 2025

## HOW TO REGISTER



To Join the Workshop please scan this  
QR code

## REGISTRATION

The procedure for screening and selection will be based solely on academic credentials and Government norms. The list of selected candidates will be posted at the institute's website on July 25, 2025.

## ACCOMMODATION

Participants have to make their travel arrangements. Limited accommodation on a sharing basis is available in the institute's guest house on a payment basis



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