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INDIAN COUNCIL OF  
MEDICAL RESEARCH

**NICED**  
NATIONAL INSTITUTE OF  
CHOLERA AND ENTERIC DISEASES

**ICMR - NATIONAL INSTITUTE OF  
CHOLERA AND ENTERIC DISEASES**  
INDIAN COUNCIL OF MEDICAL RESEARCH

6<sup>th</sup> Hands-on Training Workshop on  
**LABORATORY DIAGNOSIS OF  
EMERGING VIRAL DISEASES**

**19<sup>th</sup> - 21<sup>st</sup> February, 2020**

Organized by:

**Regional Virus Research and Diagnostic  
Laboratory,  
ICMR-NICED, Kolkata**

## INVITATION

Nominations are invited from selected Virus Diagnostic Laboratories of the states of Bihar, Jharkhand, Sikkim and West Bengal for participation in the 6<sup>th</sup> Hands-on training workshop on '**Laboratory Diagnosis of Emerging Viral Diseases**' at Regional Virus Research and Diagnostic Laboratory, ICMR - National Institute of Cholera and Enteric Diseases, Kolkata, on **19<sup>th</sup> - 21<sup>st</sup> February, 2020**.

The scientific programme includes lectures by eminent faculty on modern laboratory procedures for detection of emerging viral infections and hands-on training on immunoassay and molecular diagnostic techniques.

Nominations are invited until **10<sup>th</sup> February, 2020**.

We look forward to your active participation.

**Dr. Shanta Dutta**

Director and Scientist G,

Principal Investigator, VRDL, ICMR-NICED

**Contact Persons:**

**Dr. Agniva Majumdar** +919433756755 e-mail: agniva05@outlook.com

**Dr. Hasina Banu** +919674666199 e-mail: dhrb13@gmail.com

## ENROLMENT DETAILS

### Enrolment Procedure:

1. **One nominated** participant (preferably Junior Faculty/ Technical Staff) from invited **Virus Diagnostic Laboratories** of different hospitals/institutes of **Bihar, Jharkhand, Sikkim** and **West Bengal** can only participate in the workshop.
2. The nominated participant needs to register on or before 10<sup>th</sup> February, 2020 by filling the online **Participant Information Form** at <https://tinyurl.com/urttqxy>
3. Kindly email a scanned copy of **Nomination Form** forwarded by the Director/Head of the Department to [vrdl.niced@gmail.com](mailto:vrdl.niced@gmail.com). Only on receipt of the scanned copy your participation will be confirmed.
4. Limited accommodation for outstation participants may be arranged on request at NICED Guest House against a charge of ₹200/night for shared occupancy and ₹400/night for single occupancy (subject to availability).

**Last Date of Enrolment: 10<sup>th</sup> February, 2020**

**Registration fees: Nil.** TA/DA may kindly be borne by the respective institutes.

### Venue:

**Regional Virus Research and Diagnostic Laboratory (VRDL)**

Dr. S.C. Pal Building (NICED - I)

ICMR - National Institute of Cholera and Enteric Diseases,  
P-33, C.I.T. Road, Scheme XM, Beliaghata, Kolkata - 700010

**Workshop Timings: 10:00 am - 05:30 pm**

Lunch and tea/coffee will be served during the workshop

### Contact Persons:

**Dr. Agniva Majumdar**  
(M) +919433756755

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## 6<sup>th</sup> Hands-on Training Workshop On

# LABORATORY DIAGNOSIS OF EMERGING VIRAL DISEASES

**19<sup>th</sup> - 21<sup>st</sup> February 2020**



*Organized by:*

**REGIONAL VIRUS RESEARCH AND DIAGNOSTIC  
LABORATORY (VRDL)**

**ICMR-NATIONAL INSTITUTE OF CHOLERA AND ENTERIC DISEASES  
(NICED)  
(INDIAN COUNCIL OF MEDICAL RESEARCH)**

**P-33, CIT Road, Scheme - XM, Beliaghata, Kolkata - 700010**

## INVITATION

As the country continues to have frequent epidemics due to various viral pathogens, the resultant delay in detection and inadequate data about these outbreaks significantly impact the response time for interventions. Timely diagnosis of these outbreaks is critical to mount appropriate public health response.

The network of **Virus Research and Diagnostics Laboratories (VRDL)** under the **Department of Health Research (DHR)** caters to the inadequacy of specialized virology laboratories in the country creating infrastructures for early and timely diagnosis, continuous monitoring and surveillance of existing as well as new viral strains and other organisms and providing training to health care professionals.

The Regional VRDL, ICMR - National Institute of Cholera and Enteric Diseases (NICED), overseeing the Eastern region of the country, is pleased to conduct the **6<sup>th</sup> Hands-on training workshop on LABORATORY DIAGNOSIS OF EMERGING VIRAL DISEASES on 19<sup>th</sup> - 21<sup>st</sup> February, 2020**. The objective of the workshop is to realize the vision of the VRDL network that is to provide capacity building of viral diagnosis in India.

We cordially invite you to avail this opportunity and actively participate in the workshop where we intend to mix didactic sessions with hands-on-training.

**Dr. Shanta Dutta**

Director & Scientist G,  
Principal Investigator, VRDL, ICMR-NICED

## OVERVIEW OF PROGRAMS

- ✦ Epidemiology of Emerging Viral Infections
- ✦ Overview of Viral Diagnostic Techniques
- ✦ Sample handling, aliquoting and transport
- ✦ Demonstration and hands-on training on ELISA
- ✦ Demonstration and hands-on training on Nucleic Acid Extraction
- ✦ Demonstration and hands-on training on Conventional PCR
- ✦ Demonstration and hands-on training on Gel Electrophoresis and Gel Documentation
- ✦ Demonstration and hands-on training on Real Time PCR
- ✦ Overview of Cell Culture Techniques
- ✦ Demonstration of Cytopathic Effects
- ✦ Biosafety and Biosecurity
- ✦ Quality Control and Quality Assurance

## WORKSHOP RESOURCE PERSONS

- ✦ Scientists / Faculty / Staff from:
  - ✦ Regional Virus Research and Diagnostic Laboratory (VRDL), ICMR - NICED
  - ✦ Virology Division, ICMR - NICED
  - ✦ ICMR - NICED Virus Laboratory

