

Supported by

APSi

ncbs
National Centre for Biological Sciences
Tata Institute of Fundamental Research

TIGS
Tata Institute for
Genetics and Society

CCMB
Council for Cellular, Molecular & Biophysical Research
CSIR-INDIA

iict
संरक्षण और - अंदरूनीरी
CSIR - IICT
जीवन रसरी
Touching Lives

The 2nd hands-on training for
capacity building, Bangalore

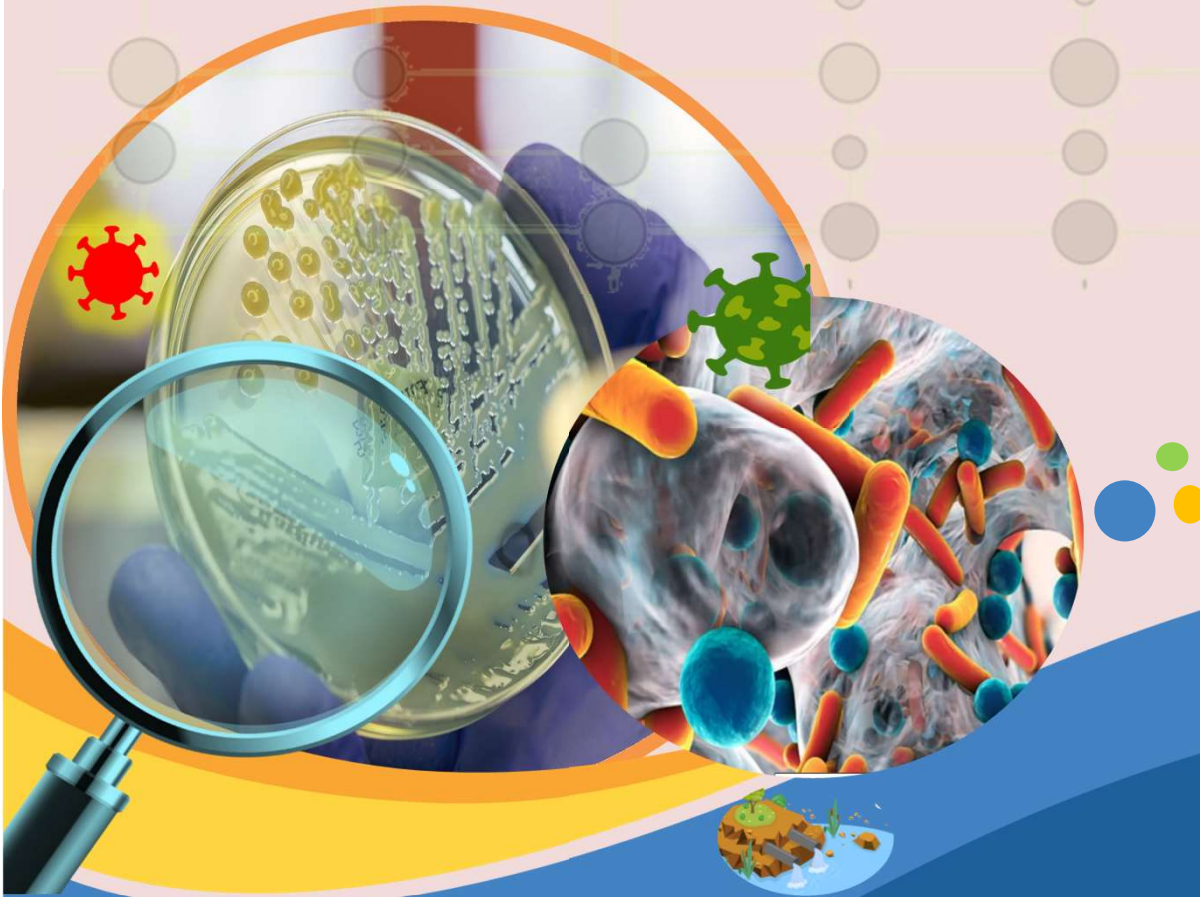
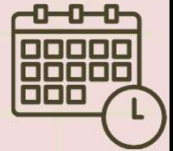
"Molecular approaches for pathogens & AMR Surveillance"

Program Agenda

Raspuri, NCBS-TIFR
GKVK Campus,
Bangalore-560065



November 18-19, 2024
9am-7pm



DAY 1

8 AM – 8:50 AM Breakfast

8:30 AM–9:05 AM

Registration and workshop materials

9:05 AM–9:10 AM

Collaboration remarks: : Dr. Shivranjani C Moharir, Senior Scientist, TIGS

Inaugural session and welcome remarks

9:10 AM–9:20 AM Dr. Rakesh Mishra, Director, TIGS

9:20 AM–9:30 AM Prof. LS Shashidhara, Director, NCBS

9:30 AM–10 AM Dr. Venkata Mohan, Chief Scientist, IICT.

'Wastewater based epidemiology for public health surveillance'

10 AM–10:30 AM Dr. Aruna Panda, Program Director, RF-APSI, CCMB. *'APSI consortium and ongoing efforts'*

10:30 AM –10:35 AM Candidates introduction

10:35 AM–11 AM Dr. Sufia Sadaf, Program Manager, RF-APSI Outreach, NCBS. *'Setting the workshop context: Capacity building-outreach'*

11 AM–11:30 AM BREAK Tea/Coffee

11:30 AM– 12:00 PM Talk: Dr. Shivranjani C Moharir, TIGS.

'Wastewater surveillance for pathogens and AMR'

12:00 PM –1 PM: Workshop demo and technical talks

a) Sample collection, protocol

b) Sample processing for precipitation/various methods

c) PEG precipitation

(TIGS team: Sreelekshmi, Apoorva. IICT team: Tharak)

1 PM – 2 PM LUNCH

2 PM–3:45 PM: Campus facility visits

3:45–4 PM Briefing about next day and distribution of batches: Dr. Sufia Sadaf

4 PM–4:30 PM BREAK Tea/Coffee

4:30–5:30 PM Sample site visit

7 PM –9PM DINNER

DAY 2

8 AM – 8:50 AM Breakfast

9 AM-1 PM

Hands-on experiments: for candidates in 4 batches

WBE surveillance (led by TIGS, IICT)

Talks: RNA nucleic acid extraction

Pathogen detection

Practical and hands-on steps

10:30 AM -10:50 AM BREAK Tea/ Coffee

10:50AM 1 PM Setting up RT-PCR before lunch

1 PM – 2 PM LUNCH

Experiments to continue

4:30 PM – 5 PM BREAK Tea/Coffee

5 PM – 6 PM Experiments to continue, analysis of results

6 PM –7 PM Trivia time, quiz, intergroup games, prize distribution, felicitation and certificate distribution.

And it's a WRAP!!!

7 PM – 9 PM DINNER

