



6th IAPSM Young Leaders' National Conclave

Data, Digitalisation and Decisions: Youth at the Forefront of Health Tech

Pre-Conclave Workshop

Outbreak Investigation- A Hands-on Case Study



Dr Abhishek Bicholkar
FETP Consultant & Epidemiologist
SAFETYNET & ICMR
NIE



Dr Kalyani S
Scientist B
ICMR

Date: 5th December 2025

Venue: Super Speciality Block, Goa Medical College

Limited Seats

Contact :



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IAPSM YLNC Goa 2025



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For Registration and more Details : <https://gmco.goa.edu.in/conclave2025-home/>



Pre-Conclave Workshop

**YLNC 2025
Goa**

OUTBREAK INVESTIGATION – A HANDS-ON CASE STUDY



**5th December
2025**



9AM TO 5PM



Department of Community
Medicine, 7th Floor Super-
Specialty Block, Goa Medical
College

Outbreaks of communicable diseases remain a critical public health challenge in India and globally. Field epidemiology skills such as outbreak detection, response, and control are core to managing these threats effectively.

This workshop bridges the gap between theoretical knowledge and field application through a real-life case study on an outbreak. It is particularly relevant for budding public health professionals seeking to build skills in applied epidemiology and outbreak investigations.



Resource Faculty

Dr Abhishek B.
FETP Consultant & Epidemiologist
SAFETYNET & ICMR - NIE

Dr Kalyani S
Scientist-B, ICMR

OBJECTIVES

By the end of the workshop, participants will be able to:

- Identify and explain the steps of outbreak investigation.
- Construct and interpret an epidemic curve and spot map.
- Describe outbreak characteristics by time, place, and person.
- Formulate hypotheses based on descriptive epidemiology.
- Design a case-control study and analyze its findings.
- Formulate practical and actionable public health recommendations.

SESSION OUTCOMES

Participants will:

- Gain practical experience in simulating a complete outbreak investigation.
- Improve skills in descriptive and analytical epidemiology.
- Learn how to analyse outbreak data and use findings to generate hypotheses.
- Be able to communicate findings and propose evidence-based recommendations.



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