



**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY**  
**VINAYAKA MISSIONS RESEARCH FOUNDATION**  
**DEPARTMENT OF BIOTECHNOLOGY**  
**in association with**  
**DEPARTMENT OF PLACEMENT AND TRAINING**  
**DAY 1 - WEBINAR REPORT**  
**19.5.2020**

Title of the Webinar: **STEPS IN OUTBRAK INVESTIGATION**

Department of Biotechnology organized a Webinar series from 19-5-2020 to 23-5-2020 in different recent topics. The first day topic on **“Steps in outbreak investigation”** was **presented** by **Dr. M. Sakthivadivel, Research Scientist-II, Department of Virology, Kings Institute of Preventive Medicine and Research, Guindy, Chennai** . At the outset Dr.R.Devika, Professor and Head, Biotechnology welcomed the chief guest and gathering which was followed by the introduction of the speaker by Dr.A.NIRMALA, Assistant Professor (Gr-II), Department of Biotechnology. After that, chief guest **Dr.M.Sakthivadivel** delivered the Lecture and focused on major steps involved out break investigation in detail. His lecture was focusing on the steps involved in the investigations of the outbreaks, documentation and evaluation of the situation and precautionary measures taken by the Government on emergency. The webinar was hosted through ZOOM platform with 100 participants and it was live telecasted through Facebook which attracted about 150 participants. At the end of the session queries were raised by the participants in chat box, all the question were clarified by the chief guest and webinar ended successfully by a vote of thanks by Dr. Madhusudhanan, Associate Professor, Department of Biotechnology.

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# STEPS IN OUTBREAK INVESTIGATION

DR.M. SAKTHIVADIVEL  
RESEARCH SCIENTIST

Moto C Plus

100 Participants

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## STEP. 1 PREPARE FOR FIELD WORK

- Review literature
- Prepare the supplies and equipments
- Consult laboratory staff
- Arrange for portable computer, camera
- Consult local staff

Dr. S. Devika

Dr. K. J. G...

Wangeli Tamang

Nandini

Redmi

Garv...

100 Participants

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Investigation Surveillance Vector Reservoir Dead Sick

Prediction Epidemiologist Clinicians Exposed

Coordination

Education Laboratory Clinical

Health personnel Specimen transfer

Special groups General population Media Authorities Diagnostic

Decisions Infrastructure Regulations Vaccinations etc

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Speaker View Full Screen

Dr. R. JAI GANESH

Wangel Tamang

Redmi

Garfani

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### CHARACTERIZING BY PLACE: SPOT MAP

- Assessment of an outbreak by place provides information on the geographic extent of a problem
- A spot map of cases in a community may show clusters or patterns that reflect water supplies, wind currents, or proximity to a restaurant or grocery store.

● CASES

□ SEWAGE TREATMENT PLANT

— CHANNEL

△ CAMPING PARK

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