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NIHFW serves as an apex 'technical institute' as well as a 'think tank' to promote national health and family welfare programmes in the country through education and training, research and evaluation, consultancy & advisory services, specialized projects, etc.

The Department of Epidemiology and Department of Medical Care and Hospital Administration (MCHA) of the institute is organizing an offline training course on "Epidemic Preparedness and Management".

Course Coordinating Team

Course Coordinator : Prof. Sanjay Gupta
Prof. Manish Chaturvedi

Course Associates : Dr. J. P. Shivedasani
Dr. Vaishali Jaiswal
Mrs. Bhawna Kathuria



10th September, 2022

Participants should pay the fee for the course only after they receive an acceptance letter from the institute.

Further Correspondence to be addressed to:

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Training Course

on

EPIDEMIC PREPAREDNESS AND MANAGEMENT

(26th – 30th) September, 2022



आरोग्यं सुखसम्पदा

**Department of Epidemiology
& Department of MCHA**
The National Institute of Health and Family Welfare,
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New Delhi - 110067

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Introduction

In today's world we are passing through epidemiological, demographic, environmental and socio-economic transition. Due to cumulative effect of these transitions, countries are facing triple burden of diseases. In spite of the fact that there has been a remarkable achievement in prevention and control of communicable diseases, yet these still continue to remain important public health problems. Because of environmental transition and increased human-animal interface, we are today more vulnerable to emerging infectious diseases.

Early detection, prevention and response is paramount to such public health emergencies. Thus, there is a need of trained manpower at state and district level, who can get into action immediately to detect, prevent and respond to any public health emergency locally without losing any time. Development of this core capacity in the country is one of the requirements under IHR (2005) and Global Health Security Agenda.

A short duration (5 working days) training of Public health professionals, faculty from govt./ private medical colleges, state and district level surveillance officers, program officers is developed to enable them to acquire the skills of working as a team to give early warning signals of an impending outbreak and to investigate a disease outbreak and respond by implementing appropriate inter-

General Objective

To develop the capacity of human resources to strengthen the surveillance system for planned interventions and response of the National health system.

Specific Objectives

This course will prepare the participants:

- Describe and analyze the data of IDSP for forecasting or giving an early warning signals of an impending outbreak.
- Enumerate the steps of outbreak investigations and response to contain it.
- Describe the plan to prevent the epidemic of any disease during post disaster period
- Demonstrate risk assessment and risk communication during an outbreak and disaster.
- List the laboratory investigation related to epidemic prone diseases and their utility.
- Discuss the components of report writing of surveillance system and epidemic investigation.

Course Contents

- Epidemiology in public health practice
- Public Health Surveillance
- Preparedness in emergency situation
- IDSP implementation process
- Tools for measuring disease frequency,
- Outbreak investigation and response
- Community participation in epidemic preparedness
- Media management during outbreak
- Risk assessment and risk communication
- Post outbreak preparations: Report writing
- Projections and Estimations
- Basics of Epi info Software

Methodology

The Participatory approach will be adopted throughout the course comprising of:-

- **Lecture cum Discussions:-** Each lecture session will be followed by discussion and interaction with the participants.
- **Case Studies:-** Sample case studies will be discussed.
- Hands on Training..

Duration

5 days (26th - 30th, September 2022) 9.30 am –5.00 pm.

Nature of Participants

The participants will be faculty from Govt./ Private Medical Colleges, state and district level surveillance officers, programme officers and epidemiologists etc.

Training Outcome

To build capacity of the faculty of the medical colleges and other public health personnel to identify early warning signals of an impending outbreak, investigation of disease outbreak and response for its control

Course Fee

There will be a course fee of Rs. 5000/- per participant need to be paid through online banking. The bank details are:

Name of the Beneficiary :	Director, NIHFV
Bank Name & Branch :	SBI, NIHFV, Munirka, New Delhi
Account No. :	10932790787
IFSC Code No. :	SBIN0010439
Branch Code No. :	10439
MICR Code No. :	110002429