

About the Institute

The National Institute of Health & Family Welfare is a premier autonomous Institute, funded by the Ministry of Health and Family Welfare, Government of India. It has kept pace with the new thinking and substantially contributed to the health manpower development in the country.

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 Coordinators : Dr. Manish Chaturvedi
Dr. Rajesh Ranjan

Course Co-coordinators : Dr. J. P. Shivdasani
Ms. Bhawna Kathuria

Course Associate : Dr. G. S. Karol

Last date for receiving nominations

11th September, 2023

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

Further Correspondence to be addressed to:

Dr. Manish Chaturvedi / Dr. Rajesh Ranjan
Course Coordinator

The National Institute of Health and Family Welfare
Munirka, New Delhi-110 067

Email: epid@nihfw.org

Phone: 011-2616 5959/2 616 6441/
2618 8485/ 2610 7773
Ext: 192/ 371

Mobile No.: 9899004990

Website: www.nihfw.org

Training Course

on

EPIDEMIC PREPAREDNESS AND MANAGEMENT

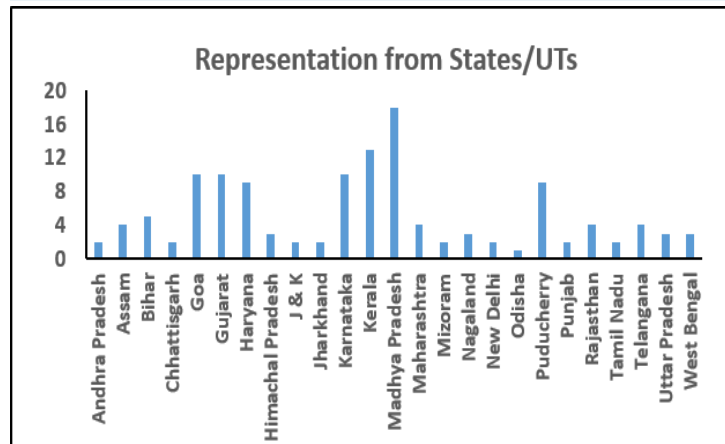
18th – 22nd September, 2023



आरोग्यम् सुखसम्पदम्

Department of Epidemiology
& Department of MCHA
The National Institute of Health and Family Welfare,
Baba Gangnath Marg, Munirka,
New Delhi - 110067

Phones: 011-26165959/ 26166441/ 26185696/ 26107773,
Fax: 91-11-26101623



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 interventions to contain the outbreak

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:

- Discuss about the basic principles of epidemiology, surveillance and preparedness in emergency situation.
- 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.
- Discuss the various acts related to epidemics and its amendments.
- 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.
- Demonstrate and analyze the data on Epi Info software.

Course Contents

- Epidemiology in public health practice
- Public Health Surveillance
- Preparedness in emergency situation
- Early warning signals
- IDSP and IHIP implementation process
- Tools for measuring disease frequency
- Outbreak investigation and response
- Epidemic Acts and its amendments
- Media management during outbreak
- Risk assessment and risk communication
- Laboratory management
- 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 (18th - 22nd, September 2023) 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. :	SBIN0001624
MICR Code No. :	110002056