

Methodology

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

- **Lecture Discussions:-** Each lecture session of one hour time will be followed by discussion and interaction with the participants.
- **Case Studies:-** Sample case studies will be discussed.
- **Group Work:-** The participants will be divided into groups and given an area for discussion and preparation of an action plan.
- **Field Visits:-** The participants will be taken to field visit to a PSU/ factory to give them an understanding of workplace/environmental exposures and their hazards.

Participants will be given an opportunity to share issues related to their respective organizations.

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.



Course Coordinating Team

Course Coordinators	Prof. Nanthini Subbiah Dr. Rajesh Ranjan
Course Co-coordinator	Dr. Vaishali Jaiswal
Course Associate	Mrs. Bhawna Kathuria

Venue

Teaching Block, NIHFW,
Munirka, New Delhi-110067.

Weather

Weather in February, in Delhi, is cold and light woollens are required.

Further Correspondence to be addressed to:

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Training Course

on
**Occupational & Environmental
Health for Health Professionals**

19th - 23rd February, 2024



आरोग्यम् सुखसम्पदा

**Department of Epidemiology
and
Department of Community Health Administration**
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Introduction

The Health hazards/diseases associated with occupational and environmental exposures contribute significantly to overall burden of diseases. Most of the occupational and environmental diseases are being missed out in the diagnosis in the present health care system due to marginalization of this discipline. The health professionals and the community generally do not understand, and appreciate the consequences of harmful exposures to hazards in work place as well as in general environment. There is an urgent need to focus on hazard identification, hazard analysis, assessment and control of hazards causing such disease. The World Health Organization has repeatedly called upon health professionals to develop interest in tackling physical, chemical, biological & psychological hazards that account for substantial disease burden. In the absence of adequately trained manpower, measures to prevent and control such illness are not instituted in many countries including India. Health professionals need to be trained to keep a watch on the exposed groups for conducting surveillance of work/home environment, and early detection of occupational/environmental illness. Present training course will try to sensitize the health professionals in the area of occupational & environmental health.

General Objective

To enhance the knowledge and skills of the Health Professionals in area of occupational and environmental health.

Specific Objectives

This course will prepare the participants to:

- Describe importance of occupational diseases associated with physical, chemical, biological and psychological hazards.
- Describe epidemiological principles concerning Occupational & Environmental health.
- Describe cumulative trauma disorders and ergonomics concerning Occupational health.
- Explain adverse health effects of environmental contaminants in individuals and/or populations.
- Describe Global Warming, Climate change, and discuss the role of health professionals/ health sector in mitigating the same.
- Describe the legal issues involved in Occupational Health Practice and important Occupational & Environmental Legislations in India.

Course Contents

- Introduction to Occupational & Environmental health
- Physical, Chemical & Biological Exposures: noise, heat, radiation, dust, gases, acid, alkali, metals etc.
- Cumulative trauma disorders and Ergonomics
- Emergency & Disaster Management
- Occupational & work environment related pulmonary diseases
- Workplace health promotion
- Global Warming, Climate Change & Health
- Water - sanitation and health
- Air Pollution and Health
- Bio-medical Waste Management
- Legal Issues in Occupational Health Practice & Important Legislations related to occupation & environment.

Duration

5 days (19th – 23rd February, 2024).

Course Fee

Rs. 5,000/- per participant will be charged as course fee which includes training kit, tea and working lunch during the course. The TA/DA expenditure of the participants will be borne by the respective States/Organizations.

Fee Deposit Details

Account Name: Director, NIHFW
Branch Name: SBI, NIHFW
A/C No.: 10932790787
IFSC Code: SBIN0001624

Number & Nature of Participants

25-30 Health care professionals working in areas such as dispensary/ hospital, PSUs, public/ private health facility/ etc.

Training Outcome

The course will be helpful in capacity building of the health professionals for rendering effective and efficient services in the area of occupational and environmental health

Accommodation

For outstation participants moderate boarding and lodging facilities for the participants may be provided in the Hostel of the Institute on payment of charges as applicable (depends on the availability of rooms).

Last date for sending nomination

9th February, 2024.