

## 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

1. Prof. Sanjay Gupta
2. Dr. Nanthini Subbiah
3. Prof Mihir Mallick
4. Mrs. Vaishali Jaiswal
5. Mrs Bhawna Kathuria

## Venue

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

## Weather

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

## Further Correspondence to be addressed to:

Prof. Sanjay Gupta  
Course Coordinator  
Professor & Acting Head, Department of  
Epidemiology  
National Institute of Health & Family Welfare  
Munirka, New Delhi-110067  
Fax: 91-11-26101623  
Email: [sgupta@nihfw.org](mailto:sgupta@nihfw.org)



## Training Course

on

## Occupational & Environmental Health for Health Professionals

5<sup>th</sup> - 9<sup>th</sup> February, 2018

# health and safety



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

Phones: 26165959/26166441/26185696/26107773,  
Fax: 91-11-26101623  
Website: [www.nihfw.org](http://www.nihfw.org)

## 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:

1. Recognize adverse health effects of environmental and occupational toxicants in individual patients and/or populations
2. Describe the causes of and summarize the diagnosis, management, treatment, and prevention of common and important occupational and environmental diseases associated with physical, chemical and other potential hazards.
3. Develop an approach to health assessment that includes -
  - a) Obtaining a detailed occupational/environmental history
  - b) Understanding the application of appropriate diagnostic tests,
  - c) Defining an evaluation and management plan for exposed patients and /or populations.

## Course Contents

- Introduction to Occupational/Environmental health
- Major Occupational/ Environmental Diseases
- Occupational injuries: Ergonomic related
- Chemical & Biological Exposures: dust, gases, acid, alkali, metals & microbes etc
- Physical Exposures: noise, heat, radiation etc
- Occupational and Environmental epidemiology
- Water & sanitation programme
- Outdoor/ Indoor air Pollution and Health
- Occupational/ Environmental Diseases- History taking/medical surveillance/ record keeping
- Legal Issues in Occupational Health Practice
- Corporate Social responsibility of the companies
- Safety at work place
- ILO Convention & Recommendations
- Important legislations on Environment

## Duration

5 days (5<sup>th</sup> – 9<sup>th</sup> February, 2018).

## 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.

## Number & Nature of Participants

20-25 Health care professionals working in areas such as govt.dispensary/hospital, PSUs, public health facility/educational institutions etc with two years of work experience.

## 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

Moderate hostel accommodation at reasonable rates would be provided, to the participants only, within the Institute's campus.

## Last date for sending nomination

2<sup>nd</sup> January, 2018.