



INDIAN
INSTITUTES
OF PUBLIC
HEALTH



ON-CAMPUS ACADEMIC PROGRAMS

2016-17

INTEGRATED MSc & PhD IN CLINICAL RESEARCH AT IIPH-DELHI

BACKGROUND AND OBJECTIVES

Clinical Research is a systematic way of examining clinical conditions and outcomes, to establish relationships among clinical phenomena, to generate evidence for decision making and to provide impetus for improving methods of practice. It is a structured process of investigating and exploring facts and theories as applied to the patients and situations encountered in practice. It also involves a systematic study of new drugs in human subjects to generate data for discovering or verifying the clinical, pharmacological (including pharmacodynamic and pharmacokinetic) or adverse effects with the objective of determining safety and efficacy of the new drug. As a signatory to the WTO agreements, India is looked upon a destination for conducting clinical research. With the rapid growth of the global pharmaceutical market it is estimated that more than 250,000 positions are vacant worldwide for people trained in clinical research and more than 50,000 professionals will be needed in India in this field. It is critical that such personnel have received quality training to take on this important profession.

Public Health Foundation of India (PHFI) in collaboration with Academy of Scientific and Innovative Research (AcSIR) brings you this unique opportunity in furthering your career in the area of clinical research, through the Integrated MSc & PhD program.

COURSE DURATION

The programme would be a residential course lasting for two years of MSc and is of minimum three years of PhD in Clinical Research.

ELIGIBILITY

This program is relevant to those wishing to gain an in depth understanding of research methods & also keen to specialize in specific areas- either laboratory based or hospital based or community based research.

Minimum Academic Qualifications

- Applicants with graduate qualifications in: medical and allied fields like dentistry, AYUSH (Ayurveda, Yoga, Unani, Siddha and Homeopathy), pharmacy, physiotherapy, nursing and veterinary science.
- Applicants with graduate qualifications in: biological and life sciences (microbiology, biochemistry, biotechnology, botany, zoology), basic sciences (chemistry), occupational therapy and bio-statistics.
- All applicants should have basic computing skills and proficiency in English.

ABOUT ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)

The Academy of Scientific & Innovative Research (AcSIR) has been established as an 'Institution of National Importance' with a view to maximize the number of qualified researchers and professionals of impeccable quality in the domain of science & engineering; and to equip them with the skills to innovate and conduct seamless interdisciplinary research. AcSIR was established by an Act of Parliament, the Academy of Scientific Innovative Research Act, 2011 vide The Gazette of India No.15 dated February 7, 2012 and notified on 3rd April 2012.

The Academy has adopted the mandate to create and train some of the best of tomorrow's science and technology leaders through a combination of innovative and novel curricula, pedagogy and evaluation. AcSIR's focus will be on imparting instructions in areas that are not routinely taught in regular academic universities in India. AcSIR also provides research opportunities in these areas with the help of 37 CSIR laboratories. Some of the CSIR laboratories will be involved in the delivery of the clinical research course. Please visit <http://acsir.res.in> for more information.



PROGRAM CONTENTS

The multi-disciplinary curriculum that will be covered under the core courses (modules) include: Basic epidemiology, Basic bio-statistics, Clinical trials-Design and analysis, Conduct and Operational issues in clinical trials, Bio-ethics and regulatory affairs, Systematic reviews, Proposal development and Medical writing, Data management, Drug discovery, Pharmacovigilance and Project management. Under the elective courses we offer various areas that will fall under Research Methods, Statistics and Laboratory sciences.

Following are the core skills acquired by the candidate at the end of the Master's program:

- Conducting literature search using electronic databases
- Develop a grant application
- Prepare for ethics and regulatory approvals
- Designing observational and interventional studies
- Developing and executing statistical analysis
- Developing data collection tools and designing a database
- Conduct a systematic review

Course will be offered from:
August 2016

Scholarship: Limited number of scholarships for MSc may be awarded for the deserving and meritorious candidates, subject to availability of funds.

INTEGRATED MSc & PhD IN HEALTH INFORMATICS AT IIPH-HYDERABAD

BACKGROUND

Health Informatics has tremendous promise in improving the efficiency, cost-effectiveness, quality, and safety of health care service systems. However, realizing the promise has been a difficult path for health care organizations, as there is a paucity of adequately skilled Health Informatics professionals. General purpose information technology solutions are usually inadequate for specialized needs of the health sector. Health Informatics deals with four major interdisciplinary components; emerging technologies, epidemiology and health management, advanced statistics and health systems. The scope of health Informatics is very wide as there are a variety of emerging new technologies that need to be understood, adapted, and validated for use in health systems and then managed for continuous improvement. Integrated MSc & PhD in Health Informatics offered jointly by Public Health Foundation of India (PHFI) in collaboration with Academy of Scientific and Innovative Research (AcSIR) has the potential to bring the best in health care and technology based on research and innovations on one platform for students across India and South Asia.

COURSE DURATION

The programme would be a residential course lasting for two years of MSc and is of minimum three years of PhD in Health Informatics.

ELIGIBILITY

This program is relevant to those wishing to gain an in depth understanding of applications of Informatics and Technologies in Public Health & also keen to specialize in a various areas of Health Informatics.

Minimum Academic Qualifications

Bachelor's degree, in any science discipline under the 10+2+3 system. Preference will be given to candidates

with working experience in health care and information technology.

All applicants should have basic computing skills and proficiency in English.

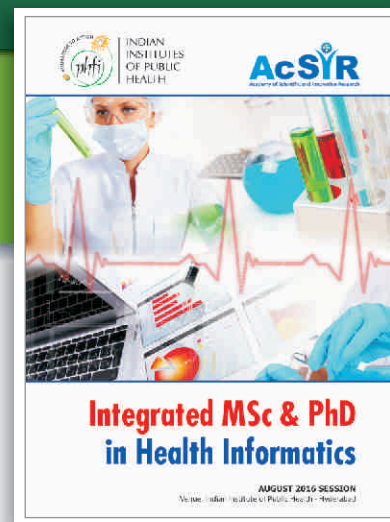
ABOUT ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)

The Academy of Scientific & Innovative Research (AcSIR) has been established as an 'Institution of National Importance' with a view to maximize the number of qualified researchers and professionals of impeccable quality in the domain of science & engineering; and to equip them with the skills to innovate and conduct seamless interdisciplinary research. AcSIR was established by an Act of Parliament, the Academy of Scientific Innovative Research Act, 2011 vide The Gazette of India No.15 dated February 7, 2012 and notified on 3rd April 2012.

The Academy has adopted the mandate to create and train some of the best of tomorrow's science and technology leaders through a combination of innovative and novel curricula, pedagogy and evaluation. AcSIR's focus will be on imparting instructions in areas that are not routinely taught in regular academic universities in India. AcSIR also provides research opportunities in these areas with the help of 37 CSIR laboratories. Some of the CSIR laboratories will be involved in the delivery of the health informatics course. Please visit <http://acsir.res.in> for more information.

PROGRAM CONTENTS

The multidisciplinary curriculum that will be covered under the core courses (modules) include: Public Health Concepts and Practices; Biostatistics; Principles of Epidemiology and Research Methodologies; Developing Health Informatics Systems: Software,



Hardware, Networks and Sensors; Telemedicine; Project Management and Evaluation of Public Health Informatics Systems; Patients Monitoring Systems (PMS); Clinical Decision Support Systems (CDSS); Electronic Health Records (EHR) and Research writing-Proposal development, Protocol and Report writing.

Under the elective courses we offer various areas that will fall under the following streams: Public Health Management; Health Financing and Insurance; Principles of Environmental Health Sciences; Logistic Planning and Drug Distribution; Public Health Nutrition Urban Health; National Health Programs; Electronic Surveillance in Public Health; Data Mining and Data Forecasting in Public Health; Ethics in Health Informatics; Cyber Security for Health; Biometrics for Health Systems; GIS in Public Health; Wearable Diagnostics; Consumer Health Informatics (CHI); Electronic Medical Education (EME); Veterinary Health Informatics; Nursing Informatics; Bio Medical Gene Technology Informatics; and finally Open elective that can be uniquely designed.

Course will be offered from:
August 2016

Scholarship: Limited number of scholarships for MSc may be awarded for the deserving and meritorious candidates, subject to availability of funds.

MASTER OF PUBLIC HEALTH (MPH) AT IIPH-GANDHINAGAR

OFFERED BY INDIAN INSTITUTE OF PUBLIC HEALTH GANDHINAGAR
GUJARAT, INDIA (A UNIVERSITY UNDER STATE GOVERNMENT ACT)

BACKGROUND

Public health is an interdisciplinary field that brings together expertise from a range of disciplines including medicine, social sciences, management, engineering, information technology, etc. The public health sector in India is in critical need of qualified public health specialists and the MPH program aims to bridge this gap. The MPH program offered by IIPH-G has been designed to meet the unique needs of public health in India and it is sensitive to global influences in the field of public health. The program is structured on a multi-disciplinary curriculum, including public health management, epidemiology and biostatistics, demography, social sciences, health promotion, health economics and policy, and other important disciplines. At the end of the course, the participant will acquire skills to examine and respond to current public health challenges.

OFFERED BY

Indian Institute of Public Health Gandhinagar Gujarat, India (a university under State Government Act).

COURSE DURATION

MPH is a two-year, full-time program

ELIGIBILITY

The course is open to candidates with a bachelor's degree in any discipline from a recognized university, with at least 50% marks. Preference will be given to applicants having a graduate/bachelor's degree in any of the following fields - medical and paramedical sciences, veterinary sciences, management, natural sciences (including biology), social sciences, engineering, law, commerce or accounting, communication or any equivalent qualification with good academic records. Relevant work

experience in health or development sector will be an advantage but not mandatory.

TEACHING METHODS

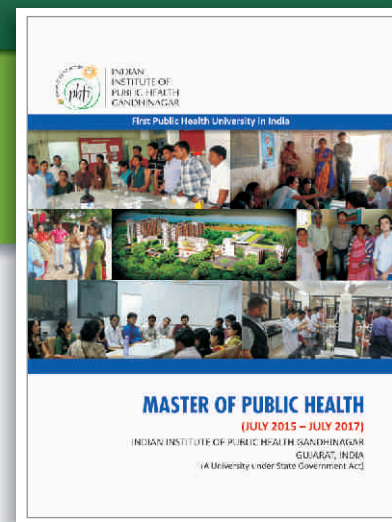
The program will be delivered using a variety of teaching/learning techniques, including lectures, case discussions, practical exercises, lab work, field visits, seminars, journal clubs, collaborative learning, group discussions assignments, hands-on training, and practicum courses. There is a possibility of optional internships in foreign universities to selected students. The cost of this is not covered in the fees.

ADMISSION AND SELECTION

Selection of applicants will be based on educational qualification, marks obtained in university and PG entrance exams, work experience, and performance in personal interview and group discussion.

Course Period:
July 2016 - July 2018

Number of Seats
60



SHORT TERM COURSE AT IIPH-GANDHINAGAR

ASSOCIATE FELLOW OF INDUSTRIAL HEALTH

DECEMBER 2016 – FEBRUARY 2017

Venue: Indian Institute of Public Health(IIPH), Gandhinagar

Target Audience: MBBS doctors with a minimum of two years experience after internship. Candidates attached to factories/industries or with industrial experience would be given preference. Shortlisted candidates may be required to appear for an interview.

Background: AFIH is a 3 month full time course regulated by DGFASLI (Director General of Factory Advisory Services & Lab our Institutes, Govt of India). As per Factories Act, this is a mandatory qualification for doctors working in hazardous industry. Other industries also prefer to hire AFIH qualified doctors.

BUILD A CAREER IN PUBLIC HEALTH

Public Health is an exciting and growing field that aims to prevent disease and promote good health amongst communities.

- Make a difference by working in government, international and national development agencies, private sector, academia and health agencies.
- Opportunity for graduates from different backgrounds including medicine and allied health, life sciences, social sciences, management and economics.
- Study exciting disciplines - health management, health economics, health policy, epidemiology, biostatistics, public health nutrition, environmental and occupational health.

MASTER OF PUBLIC HEALTH (MPH) AT IIPH-HYDERABAD

AFFILIATED TO DR NTR UNIVERSITY OF HEALTH SCIENCES,
ANDHRA PRADESH

BACKGROUND

The aim of our program at IIPH-Hyderabad is to make education and research activities relevant to India in content and context, while attaining standards which are qualitatively comparable with the best in the world. By developing an understanding and broad appreciation of the multiple determinants of health and imparting skill sets needed for designing and implementing a broad range of multi-sectoral actions required to advance public health, PHFI, and the IIPH's shall enhance the nature and opportunities for improved health care through these institutions.

The Government of Telangana has given permission to Indian Institute of Public Health – Hyderabad, to start 2 years Masters of Public Health course.

COURSE DURATION

MPH is a two-year, full-time program.

PROGRAM STRUCTURE

The MPH program offers Preparatory Course for students from both science and non-science background to bring medical and non-medical candidates at the same level of proficiency. The First year covers almost all of the basic courses followed by a practicum opportunity in the field. In the second year, students can choose subjects according to their interests & pursue a track. The compulsory courses are core courses of Biostatistics, Epidemiology, Social and Behavioral Sciences, Environmental and Occupational Health, and Health Management and policy with introduction to health economics. Besides, the other compulsory courses are gender & ethics, public health law, disaster preparedness and management for health professionals, grant writing and research methods. The third semester offers specialized courses as tracks in communicable disease epidemiology, non-communicable disease epidemiology, biostatistics,

health communication & promotion, health economics & financing, reproductive and child health, health management and public health nutrition.

ELIGIBILITY

Candidates with bachelor's degree in medicine, dentistry, Ayurvedic medicine, homeopathy, physiotherapy, occupational therapy, nursing, nutrition, veterinary sciences, science, social sciences, management, biotechnology, pharmacy, statistics, engineering will be eligible to apply. For candidates other than medicine, dentistry, nursing, occupational therapy and physiotherapy two years' experience in health sector is desirable. Proficiency in English is essential.

TEACHING METHODS

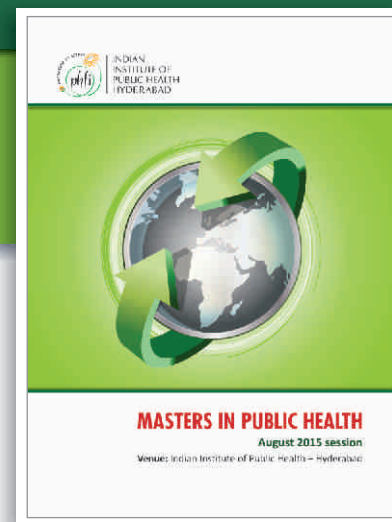
The course utilizes a variety of teaching / learning techniques, which include lectures, mini-lectures, lecture demonstration, Group Discussions, Seminars, Guest speakers, journal clubs, student presentations, hands on practice in statistical software in computer labs, workshops and field visits. Through field exercises in class and practicum students will get practical hands on training, field research and innovative assignments. Students will be provided supervised practice opportunities in various settings e.g. community-based public health programs, primary level, sub-center level and community level health centers, national and international and health agencies, health policy centers, non-governmental organizations (NGOs) and rural, district and teaching hospitals.

Course period:

July 2016 – July 2017

Number Of Seats

40



SHORT TERM COURSE AT IIPH-HYDERABAD

SHORT COURSE IN BASIC DATA ANALYSIS FOR HEALTH SCIENCES

AUGUST 2016 – OCTOBER 2016

Venue: Indian Institute of Public Health(IIPH), Hyderabad

Target Audience: Knowledge of basic concepts of data management, epidemiology, bio statistics and public health is a must for any graduate or a post graduate in the Health Sector. Government nominated participants, researchers from NGOs and any Graduate or post graduate students of any stream.

Objectives:

1. To enable the participants to create and manage health related databases
2. To help them analyse using basic data tools like MS-Excel
3. To enable them to document and present the analytical findings in a scientific manner

Curriculum:

- a. Basic spreadsheet handling
- b. Database creation
- c. Public Health concepts
- d. Basic epidemiology
- e. Basic biostatistics skills – describing and visualizing data

MASTER OF PUBLIC HEALTH (MPH) AT IIPH-DELHI

AFFILIATED TO SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY (SCTIMST),
TRIVANDRUM (AN INSTITUTE OF NATIONAL IMPORTANCE UNDER GOVT. OF INDIA)

BACKGROUND

The public health system in India can be strengthened through the presence of well-trained and competent public health professionals. Qualified public health professionals are a necessity to achieve the Sustainable Development Goals. Such an inter-disciplinary public health workforce can also advance the vision of Universal Health Care. The aim of our MPH program is to make public health education and research activities relevant to India in content and context, while attaining standards which are qualitatively comparable with the best in the world. The Indian Institute of Public Health - Delhi (IIPH-Delhi) is pleased to announce its call for applications, for the first batch of Master of Public Health being offered in the academic year July 2016-June 2018, affiliated to Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST) Trivandrum, an Institute of National Importance under Govt. of India.

OBJECTIVES

1. Prepare students in program organization and management, problem solving, and critical thinking in the public health domain.
2. Prepare students to undertake public health research in institutional and field settings.
3. Prepare students to work in socially, culturally and economically diverse populations by being attentive to needs of vulnerable and disadvantaged groups and well versed with existing health systems.
4. Promote qualities of leadership and effective use of communication skills for health advocacy among students.
5. Prepare students for teaching /training posts in public health institutions.

COURSE DURATION

The program is divided in four semesters over a period of two years.

ELIGIBILITY

- Graduates in Medicine (MBBS), Dentistry (BDS), Ayurveda (BAMS), Homeopathy (BHMS), Siddha (BSMS), Veterinary (BVSc), Nursing, Physiotherapy (BPT), Occupational Therapy (BOT), Pharmacy (B Pharma), Engineering (BE)
- Post graduates in Statistics/ Biostatistics, Demography, Population Studies, Nutrition, Sociology, Economics, Psychology, Anthropology, Social Work, Management or Law.
- Work experience in a health-related field is desirable.

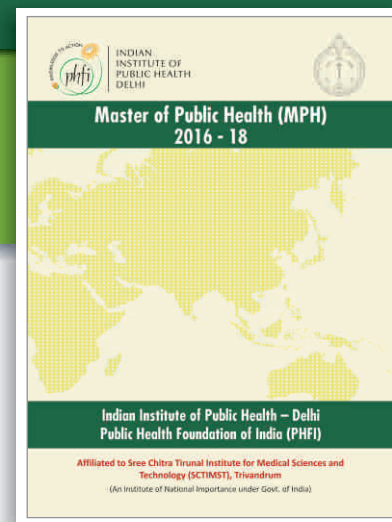
TRACKS

1. Health economics, financing, and policy
2. Health systems with focus on monitoring and evaluation
3. Public health research
4. Global health
5. Environmental (incorporating climate change) and Occupational Health

*2-3 tracks will be offered based on the interest of students. The decision of which track is to be offered in a particular academic year will be the prerogative of IIPH-Delhi.

UNIQUE FEATURES

- Inter-disciplinary approach
- Competency driven curriculum
- Linkages with public health practice
- Emphasis on problem solving, case based learning
- Use of innovative pedagogy
- Focus on transformative learning



Course period:
July 2016 – June 2018

Number Of Seats
50

Why choose PHFI Academic Programs?

- 5 IIPHS [Gandhinagar, Hyderabad, Delhi, Bhubaneswar and Shillong] & 1 Ancillary Centre [Bangalore]
- 6 On-Campus Programs
- 17 Distance Learning Programs
- Multi-disciplinary faculty
- Competency driven curriculum
- Candidates from diverse backgrounds can join courses
- Practice oriented courses with emphasis on health systems connectivity & transformative learning
- Amazing On-Campus and Distance Learning options!

POST GRADUATE DIPLOMA IN PUBLIC HEALTH MANAGEMENT (PGDPHM)

AT INDIAN INSTITUTE OF PUBLIC HEALTH (IIPH), BHUBANESWAR (ODISHA), DELHI, GANDHINAGAR (GUJARAT) & HYDERABAD (TELANGANA)

BACKGROUND

The Post Graduate Diploma in Public Health Management was launched from the Indian Institute of Public Health (IIPH), Gandhinagar in July 2008. This course was developed in the context of NRHM and is being delivered simultaneously by other partner institutions. The public health challenges being faced by the country calls for the development of capacity in the health systems of both the Central and State Governments by way of positioning qualified and skilled professionals who can execute and monitor national health policies and programmes, supervise the public health workforce, fully assess the dimensions of public health issues and devise appropriate strategies to meet emerging challenges. The standard MBBS, MD (PSM) and DPH programmes offered at medical colleges do not significantly impart these managerial skills and competencies. Hence, this programme is designed to impart the knowledge and skills to address and resolve key health management challenges.

OBJECTIVES

The programme aims to bridge the gap in the public health managerial capacity amongst health professionals in the country. It is designed to enhance the capacity of the public health managerial workforce and to impart knowledge and skills to address and resolve key health management challenges. A major strength of the programme is, providing participants with opportunities to apply learning directly within the community setting.

COURSE DURATION

The programme would be a residential course lasting for nine months of class room teaching and three months of project work including field study. The total duration of the course is twelve months.

ELIGIBILITY

Self Sponsored Applicants

Applicants should have a graduate/postgraduate degree in medicine, AYUSH, dental, nursing, pharmacy, health sciences, physiotherapy, occupational therapy, natural/life sciences, management, social sciences, social work, economics, statistics or any equivalent qualification.

Candidates with work experience in health/ development sector will be given preference.

Candidates from across India and from other countries can state their preference of the institute (Delhi, Gandhinagar, Hyderabad and Bhubaneswar) in the application form.

COURSE FOCUS & TEACHING METHODS

This programme is an interdisciplinary course both in its content and teaching. It utilizes a variety of teaching/learning techniques, including seminars, journal clubs, collaborative learning, group discussions, case studies, lecture discussions, assignments, hands-on

training on computers, visits to organizations of public health interest, practicum and field projects. Faculty with diverse disciplinary backgrounds, national and international experience combined with a breadth and depth of public health experience would be teaching this course.

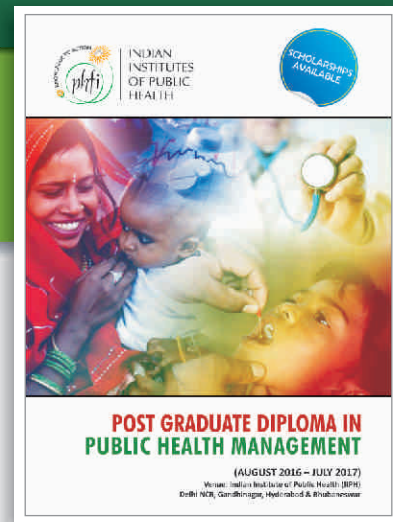
PROJECT WORK

Each candidate working under close guidance of a faculty advisor, will develop, write and work on a project. Each candidate will be evaluated concurrently on the study protocol, while the study is in progress and terminally on his/her report.

Course period:

August 2016 – July 2017

Venue: Indian Institute of Public Health (IIPH), Bhubaneswar (Orissa), Delhi, Gandhinagar (Gujarat) & Hyderabad (Telangana)



AMAZING PLACEMENT OPPORTUNITIES!

JHPIEGO World Health Organization World Bank
ICMR MAMTA Health Institute for Mother & Child
National Board of Examination Indian Institute of Public Health
INCLEN Foundation AMALTA CONSULTING PVT LTD
Ahmedabad Municipal Corporation SEWA Rural Action Aid
Urban Health Society of India UNICEF Columbia Global Center
National Rural Health Mission South Asia
Hindustan Latex Family Planning & Promotion Trust
National Institute of Health & Family Welfare ACCENTURE
NACO GVK Biosciences Pvt. Ltd. AIIMS
NOVARTIS HEALTHCARE PVT. LTD. Rajiv Gandhi Mahila Vikas Pariyojna
Public Health Foundation of India
MSF International FORTIS HOSPITAL Ernst & Young

List of Distance Learning Programs

1. Post Graduate Diploma in Public Health Nutrition
2. Post Graduate Diploma in Health Promotion
3. Post Graduate Diploma in Epidemiology
4. Post Graduate Diploma in Public Health Services Management
5. Post Graduate Diploma in Management of Reproductive and Child Health Programs
6. Post Graduate Diploma in Public Health and Hospital Management for Nursing and Allied Health Professionals
7. Certificate Course in Sexually Transmissible Infections & Human Immunodeficiency Virus/Acquired Immune Deficiency Syndrome (STI & HIV/ AIDS)
8. Certificate Course in Improving Management of Public Health programs – Tools & Strategies
9. Certificate Course on Monitoring & Evaluation of Health Programs
10. Certificate Course in Managing Human Resources for Health
11. Certificate Programme in Health Safety and Environment Management
12. Certificate Programme in Research Methodology
13. Certificate Course on GIS Application in Public Health
14. Short-term course on Tobacco Control
15. Certificate Course in Public Health Surveillance
16. Certificate Course in Health System Strengthening
17. Certificate Course in Gender Women and Health



**93% placement
since inception**



**Distinguished faculty, scholars
and practitioners from India
and around the world**



**Practice-oriented
courses and health
systems connect**

**PHFI AND IIPHS PROVIDE A VIBRANT PLATFORM FOR EDUCATION, TRAINING,
RESEARCH AND PRACTICE IN THE FIELD OF PUBLIC HEALTH IN INDIA**

Program brochures and application forms are available on the PHFI website
<http://www.phfi.org>

Please submit your filled application form at the address given below:

Senior Program Officer

Academic Programs

Public Health Foundation of India,
Plot No.47, Sector-44, Institutional Area
Gurgaon - 122002 (India)

Phone: +91-124-4722900, +91 70420 73761

Fax: +91 124 4722901

E-mail: acad@phfi.org, URL: www.phfi.org



**INDIAN
INSTITUTES
OF PUBLIC
HEALTH**