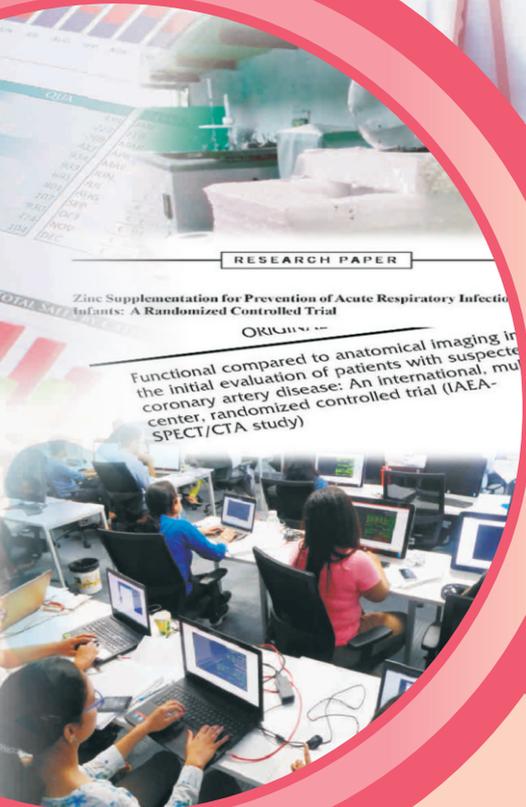




INDIAN
INSTITUTES
OF PUBLIC
HEALTH



RESEARCH PAPER

Zinc Supplementation for Prevention of Acute Respiratory Infection in Infants: A Randomized Controlled Trial

Functional compared to anatomical imaging in the initial evaluation of patients with suspected coronary artery disease: An international, multicenter, randomized controlled trial (IAEASPECT/CTA study)

ON-CAMPUS ACADEMIC PROGRAMS

2019 session



91%
Placements
since
inception

PhD (FULL TIME) IN HEALTH SCIENCES/ PUBLIC HEALTH 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)

At present, PhD program offered at IIPH-Delhi, PHFI is focused in the following areas through interdisciplinary research under the affiliated programs of SCTIMST:

- Epidemiology
- Health Economics
- Health Systems (with focus on Reproductive & Child Health and Nutrition)

The admission announcement for next session is expected during September 2019. For more details, please visit the web link, <https://phfi.org/course/phd-admission-announcement-for-academic-session-january-2018/>.

PhD IN PUBLIC HEALTH AT IIPH-GANDHINAGAR

Offered by Indian Institute of Public Health – Gandhinagar, Gujarat, India
(A University under State Government Act)

This is a full-time program being offered by Indian Institute of Public Health – Gandhinagar. This program is offered by Indian Institute of Public Health Gandhinagar, Gujarat, India (A University under State Govt. Act).

The status of the students admitted to this program shall be classified under any one of the following categories:

1. Full Time Research Scholar
2. Part Time Research Scholar

For details regarding admission announcement for 2019 session, please visit the web link, <http://iiphg.edu.in/index.php/programs/academic-programs>

INTEGRATED MSc & PhD IN CLINICAL RESEARCH AT IIPH-DELHI

*A two-year Master's Program in Clinical Research,
with the option of pursuing a PhD, if eligible, as an Integrated MSc-PhD in Clinical Research*

BACKGROUND

Any research that impacts the care and well-being of human population come under the domain of clinical research. Clinical research in a broader sense involves epidemiologic studies, clinical trials, translational research, patient-oriented research, behavioral science, and health service research. High quality data and reliable results are key to generate evidence for decision making and to provide impetus for improving patient care. To produce such data, a systematic and multidisciplinary approach is required involving a range of disciplines like basic sciences, biotechnology, pharmacology, clinical medicine, statistics, public health, and behavioral sciences.

COURSE DURATION

The program would be a residential course lasting for two years of MSc and

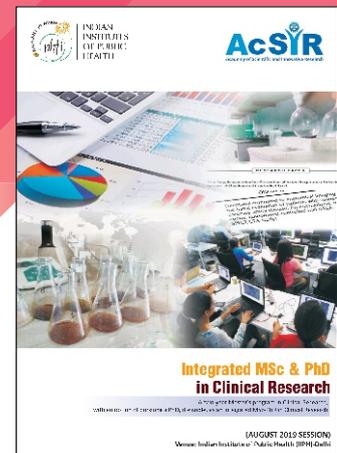
is for minimum three years of PhD in Clinical Research.

TARGET AUDIENCE AND ENTRY REQUIREMENTS

This program is relevant to those wishing to gain an in depth understanding in research methods & also keen to specialize in specific areas in clinical 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.

PROGRAM CONTENTS

The multi-disciplinary curriculum will be covered under the core & elective courses (modules). The core modules include: Basic Epidemiology, Basic Bio-statistics, Clinical Trials-Design and Analysis, Conduct and Operational Issues in Clinical Trials, Bioethics and Regulatory Affairs, Systematic Reviews, Proposal Development and Medical Writing, Data Management, Drug Development, Pharmacovigilance and Project Management. Under elective courses we offer various areas that will fall under Research Methods, Statistics and Laboratory Sciences.

Following are the core competencies acquired by the candidates at the end of the Master's program:

- Reviewing existing evidence in literature
- Developing a grant application in bio-medical research
- Managing ethics and regulatory approvals of protocols
- Managing a research project
- Managing research data
- Planning and executing statistical analysis
- Communicating research results to a scientific community

To know more about the course (module) information of this program, visit the website.

https://phfi.org/wp-content/uploads/2017/07/faq_and_program_details_2019.pdf

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 April 3, 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.

INTEGRATED MSc & PhD IN HEALTH INFORMATICS AT IIPH-HYDERABAD

A two-year Master's Program in Health Informatics, with the option of pursuing a PhD, if eligible, as an Integrated MSc-PhD in Health Informatics

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 serious dearth 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.

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.

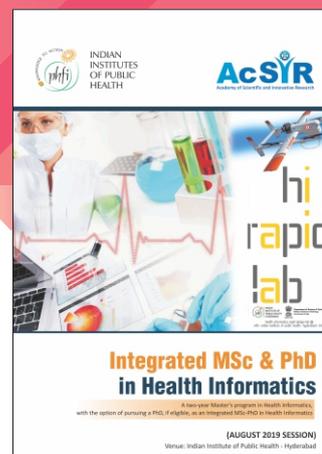
Minimum Academic Qualifications

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.

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.

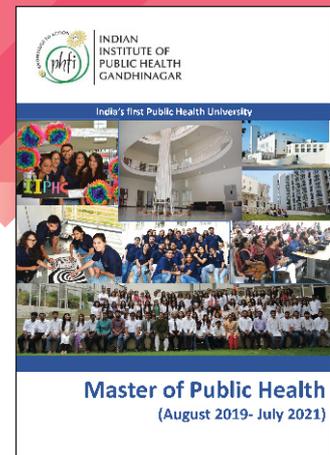
Integrated PhD & MSc courses will be offered from: August 2019

Number of Seats: 25

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). (URL: www.iiphg.edu.in)

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 examination, work experience, and performance in personal interview and group discussion.

Course period:

August 2019 - August 2021

Number of Seats

60

SHORT TERM COURSE AT IIPH-GANDHINAGAR

ASSOCIATE FELLOW OF INDUSTRIAL HEALTH

APRIL 2019 – JUNE 2019

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 & Labour 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, research organizations 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 Kaloji Narayana Rao University of Health Sciences, Telangana

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 multisectoral 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:

1. Non Communicable Disease Epidemiology
2. Public Health Surveillance
3. Bio-Statistics and Data Management
4. Public Health Disability

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

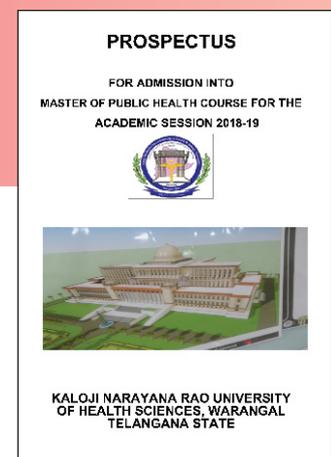
The course utilizes a variety of teaching /learning techniques, which include lectures, mini-lectures, lecture demonstration, Group Discussions, Seminars, Guest speakers, journal clubs, student presentations, hands on practice in statistical software in computer labs, workshops and field visits. Through 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, nongovernmental organizations (NGOs) and rural, district and teaching hospitals.

Course period:

August 2019 – August 2021

Number of Seats

40



Few Employers of IIPHs Graduates



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 fourth batch of Master of Public Health being offered in the academic year July 2019 - June 2021, 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.

PROGRAM DURATION

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

Students must complete 60 credits to graduate.

MINIMUM EDUCATIONAL QUALIFICATIONS FOR ADMISSION

Medical graduates (MBBS), Dental graduates (BDS), Graduates of AYUSH [Bachelor of Ayurvedic Medicine and Surgery (BAMS), Bachelor of Naturopathy & Yogic Sciences (BNYS), Bachelor of Unani Medicine & Surgery (BUMS), Bachelor of Siddha Medicine and Surgery (BSMS), Bachelor of Homeopathic Medicine and Surgery (BHMS)], B Tech or BE (Any Branch) and graduates of four-year degree programs in Veterinary Sciences, Nursing sciences, Physiotherapy, Occupational Therapy, Pharmacy, or students with a postgraduate degree in Statistics/Biostatistics, Demography, Population Studies, Nutrition, Sociology, Economics, Psychology, Anthropology, Social Work, Management or Law may apply. 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

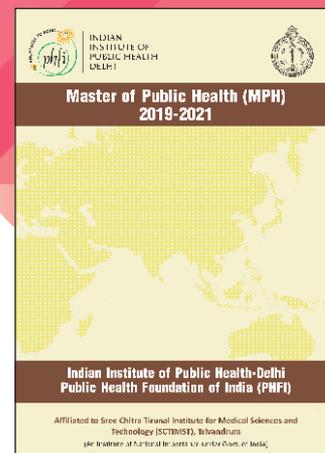
*2-3 tracks will be offered based on the interest of students. The decision of which track is to be offered in a particular academic year will be the prerogative of IIPH-Delhi.

Course period:

July 2019-June 2021

Number of Seats

50



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

WHY CHOOSE PHFI ACADEMIC PROGRAMS?

- 5 IIPHS [Gandhinagar, Hyderabad, Delhi, Bhubaneswar and Shillong] & 1 Ancillary Centre [Bangalore]
- 8 On-Campus Programs
- 21 eLearning 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 eLearning options!

MASTER OF HOSPITAL ADMINISTRATION (MHA) AT IIPH-GANDHINAGAR

BACKGROUND

MHA program offered by the IIPHG is a two-year, full-time program. The program is designed to develop professionally trained administrators who can play an effective managerial role and provide leadership in public/private hospitals and healthcare institutions. For achieving its intended objective, the program curriculum is structured on multi-disciplinary perspectives including general management and hospital management theories and practices. The classes will be delivered using a variety of teaching /learning techniques, including lectures, case discussions, practical exercises, lab-work, hospital visits, seminars, journal clubs, collaborative learning, group discussions, assignments, hands-on training, internship, and dissertation in hospitals.

OFFERED BY

Indian Institute of Public Health Gandhinagar, Gujarat, India (a university under State Government Act). (URL: www.iiphg.edu.in).

COURSE DURATION

MHA is a two-year full-time program.

ELIGIBILITY

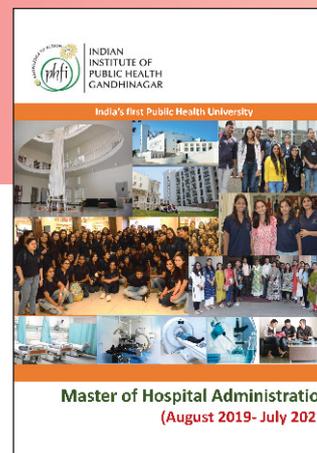
The course is open to candidates with a bachelor's degree in any discipline from a recognised university, with at least 50% marks. Preference will be given to applicants having a graduate/bachelor's degree in any of the following fields - medical, dental, physiotherapy, AYUSH, nursing and paramedical sciences; veterinary sciences; management; natural sciences (including biology); social sciences and social work; engineering; law; commerce or accounting; communication; etc. Relevant work experience in health and hospital sector will be an advantage but are not mandatory.

Course period:

August 2019-July 2021

Number of Seats

60



UNIQUE FEATURES OF THE PROGRAM

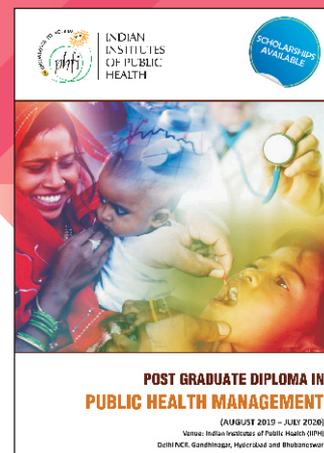
- Strong grounding in Public Health & Hospital Domain
- Practice based teaching pedagogy using case study method and hospital visits
- Guest lectures by eminent people from the hospital industry in India and abroad Inter-disciplinary approach
- Focus on transformative learning
- Exposure to workshops and conferences
- Well-designed campus with modern teaching facilities

List of eLearning Programs

- ePost Graduate Program in Public Health Nutrition
- ePost Graduate Program in Health Promotion
- ePost Graduate Program in Epidemiology
- ePost Graduate Program in Management of Reproductive & Child Health Programmes
- ePost Graduate Program in Public Health & Hospital Management for Nursing & Allied Health Professionals
- ePost Graduate Program in Public Health Services Management
- ePost Graduate Program in Health Economics, Health Care Financing and Policy
- Executive Post Graduate Diploma in Public Health Nutrition – Afghanistan
- eCourse on Tobacco Control
- eCourse in Research Methodology
- eCourse in STI & HIV/AIDS
- eCourse in Health, Safety & Environment Management
- eCourse on Monitoring & Evaluation of Health Programs
- eCourse on GIS Application in Public Health
- eCourse in Research Ethics
- eCourse in Effective Grant Writing
- eCourse in Good Public Health and Clinical Laboratory Practice
- eCourse in Public Health Surveillance
- eCourse on Public Health Development for ICDS Officials
- eCourse in Advanced Hospital Management
- Certificate Course in Clinical Research Methods for DNB Students

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 NHM 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.

Reservation of seats in admissions will be as per Government of India policy as applicable from time to time. If suitable candidates are not available under the reserved category, the seats will be filled by general category candidates.

Course period:

August 2019 - July 2020

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



91% 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



INDIAN
INSTITUTES
OF PUBLIC
HEALTH

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, Sec. - 44, Institutional Area, Gurgaon-122002 India

Phone: +91-124-4722900, +91-7042073761, **Fax:** +91-124-4722901

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