

DELHI

PROGRESS REPORT

April 2022-March 2023



"You must keep a strict eye on your health; let everything else be subordinated to that"

- Swami Vivekanand

"More than ever before, there is a global understanding that long term social, economic and environmental development would be impossible without healthy families, communities and countries"

– Gro Brundtland

Contents

```
From The President's Desk /04
Director's Message /05
Public Health Foundation of India /06
Indian Institute of Public Health-Delhi /08
Major Milestones at a Glance /09
Academic Programs /10
Placements /14
Student life at IIPH-Delhi /16
Student Testimonials – On–campus Programs /18
Student Testimonials-eLearning Programs /21
Highlights of COVID -19 related work at IIPH –Delhi /23
Short-term Trainings and Workshops Apr 2022 – Mar 2023 /25
Participants' Testimonials-Short-term Training & Workshops /28
Glimpses of Short-term Training and Workshops (Apr 2022 – Mar 2023) /29
Research /31
Publications /35
Engagement of IIPH Delhi in G20 Initiative /47
Human Resource /48
IIPH-Delhi Advisory Council Members /50
IIPH-Delhi Journey Since Inception /51
```



From The President's Desk

India is making tremendous progress in its journey towards attaining the Sustainable Development Goals. The positive momentum in India's journey is fuelled by a healthy and capable workforce. From a development perspective, a health population is the most important factor that drives economic growth and national progress. Public health and investments in public health are vitally important and we have seen several important and large-scale interventions that go a long way in assuring the health of citizens.

The Public Health Foundation of India was established in 2006 to redress the limited institutional capacity in India for strengthening education, research, and policy development in Public Health.

In pursuit of these goals, we provide through the consortium of the Indian Institutes of Public Health, world-class training and education in public health which is Indian in its content and context. A wide and multi-skilled faculty along with several adjunct and visiting faculty, contribute to the delivery of well-designed educational programs of public health. The academic programs train the next generation of public health professionals and provide them with transformational skills to deliver context-specific solutions that are housed in scientific rigour. The Institute also offers a wide variety of short-term training programs to empower existing public health practitioners working in health systems in different parts of the country.

As the founding Director of IIPH Delhi since its inception in 2008, I have seen the passion and commitment of the team at the institution. The diverse skill sets and multi-disciplinarity of the faculty members and technical teams are the primary driver of its successes. Under the leadership of Professor Preeti Kumar as its Director, the institute will certainly demonstrate technical excellence and continue to excel in its journey. The institute is committed to promote public health education which embodies relevance and excellence as its coordinates as well as balance it with technical support & public health research needs of the region and the country.

I would like to congratulate the Indian Institute of Public Health – Delhi for its efforts in strengthening public health precept and practice through their academic and research activities. I am confident that the IIPH-Delhi will help build a community of committed and competent public health professionals who will advance our progress towards a society where good health is assured to every citizen across the life course.

Professor Sanjay Zodpey MBBS, MD, PhD, DSc (honoris causa) President, Public Health Foundation of India



Director's Message

The year 2022-23 saw the world coming out of the grips of the COVID 19, with the WHO declaring the pandemic officially over as of 5th May. We come out of the pandemic mourning the lives lost but not without having learnt important lessons on the central role of public health and resilient health systems in combating the onslaught of the pandemic, and the need to strengthen these systems in preparedness for future emergencies. Pandemic preparedness is the latest buzzword on everybody's lips, but it shouldn't be left at that; at present multiple potential pandemics and public health emergencies are brewing in the form of environmental pollution, non-communicable diseases, novel, emerging and re-emerging infectious diseases, and the imminent threat of climate change. The COVID-19 has highlighted the need for a well-trained workforce ready to face such threats and robust health systems with capabilities to respond to population needs not only in the steady state but the ability to scale up in times of crisis as seen during the pandemic.

Established in 2008, the Indian Institute of Public Health Delhi, has been offering education, training and promoting research activities, with the central vision of building institutional and systems capacity in India for a strengthened public health workforce in the country. In the past year the institute has provided support to both the central and state governments in the COVID 19 pandemic and its aftermath, and has also been working with the Ministry of Health and Family Welfare for the G20 summit with India at the helm. The institute has also experienced some changes during this period, with Prof. Sanjay Zodpey taking over as the President of PHFI after the superannuation of Prof. K Srinath Reddy.

It is my great honor and pleasure to succeed Prof. Sanjay Zodpey, the founder Director, at IIPH Delhi. I look forward to working with the faculty and staff of the institute which he has built over the years, and taking our shared vision forward. The institute also recently relocated to a spacious campus of Kamrah Institute of Information Technology (KIIT) Gurugram, with a conducive environment for promoting education, trainings and research.

Today, as we face an increasing number of challenges in keeping our populations healthy, there is an ever increasing need to scale up our contribution to public health by expanding our teaching and training programs. Simultaneously, we need to contribute more to public health practice by increasing our engagement with national and state governments in education and conduct large scale training programs for their health workforce to better prepare them for the public health challenges they face. We also look forward to expanding our collaborations with academia, researchers and practitioners in social, behavioral and pure sciences, nationally and internationally, to deepen inter disciplinary research for improving healthcare systems.

Our constant endeavor will be to strategically position the institute as a foremost centre in education, training and research towards addressing the future challenges and opportunities in Public Health.

Public Health Foundation of India

India is an emerging economy with rapid development in several sectors. We have made socio-economic progress but the challenge that remains is to ensure equitable sharing of this growth across all strata of the Indian society. Adequate and quality health care are vital drivers of this economic success. Public health, aiming to prevent disease and promote health of citizens across the country, is a critical cornerstone for addressing this challenge. Public Health Foundation of India (PHFI) was conceptualized as a fitting response to redress the limited institutional capacity in India for strengthening training, research and policy development in the area of Public Health. Former Prime Minister of India, Dr. Manmohan Singh, launched PHFI on March 28, 2006 at New Delhi.

"Institutions (like PHFI) have a catalytic role to play (in the public health sphere in India) and can bring a transformational change." (Hon' Prime Minister, Narendra Modi -at the IIPH-Gandhinagar Bhoomi Poojan ceremony during his tenure as Chief Minister of Gujarat, 2007).

PHFI is a public private initiative that has collaboratively evolved through consultations with multiple constituencies including Indian and international academia, state and central governments, multi & bi-lateral agencies and civil society groups. The Foundation is managed by a fully empowered, independent, governing board that is represented by multiple constituencies. Structured as an independent foundation, PHFI adopts a broad, integrative approach to public health, tailoring its endeavours to Indian conditions and bearing relevance to countries facing similar challenges and concerns. The PHFI focuses on broad dimensions of public health that encompass promotive, preventive and therapeutic services, many of which are frequently lost sight of in policy planning as well as in popular understanding.

One of the core mandates of PHFI is to institutionalize public health by creating Indian Institutes of Public Health (IIPHs) across the country. Soon after inception of PHFI, three Indian Institutes of Public Health (IIPHs), one each in Gandhinagar (Gujarat), Hyderabad (Telangana) and Delhi-NCR were operationalized in 2008. Later two more IIPHs were added, one at Bhubaneswar (Odisha) in 2010 and Shillong (Meghalaya) in 2015. Besides, an ancillary centre has been established in Bengaluru (Karnataka) with the State Government. More such activities are envisaged across the country in the near future. These institutes established under the aegis of the Foundation, offer academic programs and training in various public health domains and are engaged in program and policy relevant research.

PHFI has received institution building support from Ministry of Health and Family Welfare, several State Governments, corporate leaders, Indian philanthropists and international foundations including the Bill and Melinda Gates Foundation and the Wellcome Trust. We work collaboratively with all stakeholders in the health system. We provide technical support and assistance to central and state governments for informing and aiding governmental initiatives. We engage with other partners including the research community, academia, NGOs, civil society and media towards a collective action on health across sectors, and work with international agencies who support broader public health capacity building in India. Our aim is to play an enabling role in the transformation of India's health scenario.

VISION

"Our vision is to strengthen India's public health institutional and systems capability and provide knowledge to achieve better health outcomes for all"

MISSION

- Developing the public health workforce and setting standards
- Advancing public health research and technology
- Strengthening knowledge application and evidence-informed public health practice and policy

VALUES

Transparency

- Uphold the trust of our multiple stakeholders and supporters
- Honest, open and ethical in all we do, acting always with integrity

Impact

- Link efforts to improving public health outcomes, knowledge to action
- Responsive to existing and emerging public health priorities

Informed

- Knowledge based, evidence driven approach in all we do
- Drawing on diverse and multi-disciplinary expertise, open to innovative approaches

Excellence

- Aim for highest standards in all aspects of our
- Encourage, recognise and celebrate our
- achievements

Independence

- Independent view & voice, based on research integrity & excellence
- Support academic and research freedom, contributing to public health goals and interests

Inclusiveness

- Strive for equitable and sustainable development, working with communities
- Collaborate and partner with other public health organizations

Indian Institute of Public Health-Delhi

The Indian Institute of Public Health-Delhi (IIPH-Delhi) is a joint initiative of Government of NCT of Delhi and Public Health Foundation of India. IIPH-Delhi commenced its operations in November 2008 with the launch of the Post Graduate Diploma in Health Economics, Health Care Financing and Health Policy Program targeted at mid-career health professionals. Since then, IIPH-Delhi has expanded its activities and offers on-campus programs, eLearning programs and short term training programs; conducts policy relevant public health research; and undertakes advocacy in public health. IIPH-Delhi is a vibrant hub of public health education, training, research, practice and advocacy in Delhi-NCR.

Faculty members at IIPH-Delhi are with wide experiences ranging from Public Health, Community Medicine, Epidemiology, Health Management, Biostatistics, Health Economics, Health Policy, Health Social Sciences, Anthropology and Public Health Nutrition. Strong multidisciplinary teams representing major public health disciplines, with a broad range of technical and academic expertise, enable a multidimensional perspective to enrich the educational and research programs at the institute.

IIPH-Delhi has successfully conducted many short-term training programs and workshops in various fields related to public health and continue to do so. More than 10000 participants have been trained over the past years. It offers a wide range of public health development programs in the form of workshops covering the fields of Epidemiology, Biostatistics, Research Methods, Health Social Sciences, Health Management/Administration and Nutrition, with a mandate to enhance public health competencies across India.

IIPH-Delhi has a rich tradition of pursuing academic excellence, value-based education and providing a conducive environment for overall skill development. Through its activities, IIPH-Delhi strives to create a public health workforce that responds to the felt needs of the country.



Training session ongoing

Major Milestones at a Glance

Milestones	Date
Thirteenth batch completed - Post Graduate Diploma in Public Health Management (PGDPHM)	July 2022
Fourteenth batch initiated – Post Graduate Diploma in Public Health Management (PGDPHM)	Aug 2022
Eight batch completed - Integrated MSc & PhD in Clinical Research (Jointly conducted by PHFI and Academy of Scientific and Innovative Research, AcSIR)	July 2022
Tenth batch initiated – Integrated MSc & PhD in Clinical Research (Jointly conducted by PHFI and Academy of Scientific and Innovative Research, AcSIR)	Aug 2022
Fifth batch completed - Master of Public Health (MPH) program (Affiliated to SreeChitraTirunal Institute for Medical Sciences & Technology (SCTIMST), Trivandrum)	July 2022
Seventh batch initiated - Master of Public Health (MPH) program (Jointly conducted by PHFI and Academy of Scientific and Innovative Research, AcSIR)	Aug 2022
First batch initiated – PhD Program (in multidisciplinary areas of Public Health, degree to be awarded PhD Sciences by AcSIR)	Jan 2023
Batch for NHPC Ltd and Third, Fourth batchcompleted- eCourse in Maternal, Infant, Young Child and Adolescent Nutrition (MIYCAN- eLearning)	Apr 2022 Jul 2022 Nov 2022
Seventh & Eighth batchescompleted- eCourse in Clinical Research Methods (eLearning)	Jun 2022 Dec 2022
Successfully completed 3 batches of 5-day residential training on 'Short-term Training on Health and Nutrition Management' supported by Project Concern International (PCI) conducted by IIPH-Delhi	Jul 25-29, 2022 Aug 01-05, 2022 Aug 29-Sep 02, 2022
Successfully completed an online short-term training on 'Routine Health Information System (RHIS)' supported by WHO SEARO and conducted by IIPH-Delhi	Oct 21-Dec 02, 2022
Successfully completed 2 batches of 6-day residential training 'Capacity Building on Hospital Preparedness for Hospital Managers and Public Health Emergencies for District Health Officials' conducted by and at IIPH-Delhi	Jan 16-21, 2023 Feb 27-Mar 04, 2023
Successfully completed the 5-day residential 'Training of Trainers (TOT) under Integrated Disease Surveillance Programme (IDSP)' conducted by and at IIPH-Delhi	Jan 30-Feb 03, 2023
Ninth batch completed-eCourse in Research Ethics (eLearning)	Aug 2022
Thirteenth batch initiated— ePost Graduate Program in Public Health Nutrition (eLearning)	Jan 2023
Twelfth batch initiated – ePost Graduate Program in Epidemiology (eLearning)	Jan 2023
Eleventh batch initiated – ePost Graduate Program in Management of Reproductive and Child Health Programmes-(eLearning)	Jan 2023
Seventh batch initiated- ePost Graduate Program in Health Economics, Health Care Financing and Policy (eLearning)	Jan 2023
Thirteenth batch initiated – eCourse on Monitoring & Evaluation of Health Programs (eLearning)	Jan 2023

Academic Programs

Four on-campus academic programs and eight eLearning programs are being currently offered from IIPH-Delhi

On Campus Programs

Name of the Program	Duration	Objective
PhD Program (Jointly conducted by PHFI and Academy of Scientific and Innovative Research AcSIR)	Min Three Years Max Six Years	 To prepare thought leaders in the fields of Public Health Generate knowledge and evidence based public health practice using scientific and innovative research Expertise in specific areas under public health that will help in independent critical and evaluative skills and problem solving Expertise in specific areas in public health to provide leadership in planning, implementation and evaluation of public health programs Develop expertise in specific areas to lead innovations in public health
Master of Public Health (MPH) (Jointly conducted by PHFI and Academy of Scientific and Innovative Research AcSIR)	Two Years	 Prepare students in program organization and management, problem solving, and critical thinking in the public health domain. Prepare students to undertake public health research in institutional and field settings. 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. Promote qualities of leadership and effective use of communication skills for health advocacy among students. Prepare students for teaching /training posts in public health institutions.
Integrated MSc & PhD in Clinical Research Program (Jointly conducted by PHFI and Academy of Scientific and Innovative Research AcSIR)	Two years for MSc & minimum three years for PhD	This multi-disciplinary program focuses on the scientific, ethical and operational issues related to clinical research. This Clinical Research program is a blend of principles of basic and advanced research and its application in health sector.

Name of the Program	Duration	Objective
Post Graduate Diploma in Public Health Management (PGDPHM) (Supported by Ministry of Health & Family Welfare, Gol through National Health Mission, NHM)	One Year	To enhance the capacity of the public health workforce through the conduct and delivery of a specially designed post Graduate diploma course in Public Health Management.









Brochures of On-campus Programs for 2023 Session



MPH 2022-24



PhD Students



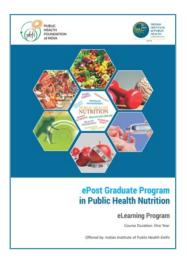
MSc CR 2022-24

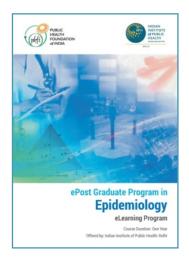


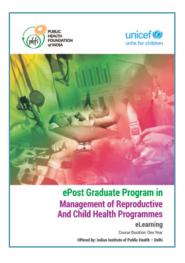
PGDPHM 2022-23

eLearning Programs 2022-23

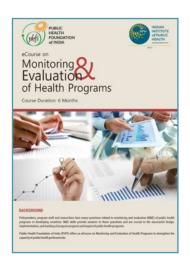
Name of the Program	Duration	Objective
ePost Graduate Program in Public Health Nutrition	1 year	The course aims to provide comprehensive training in public health nutrition in a global setting coupled with an exposure to a number of topics and in a range of contexts. The course focuses on the fundamentals of food science and nutrition, epidemiological methods of research, community nutrition and new innovations in aspects of nutritional science.
ePost Graduate Program in Epidemiology	1 year	The course aims to build a pool of trained public health professionals with a special focus on application of epidemiology in public health. The course covers broad content areas in epidemiology, including basic principles of epidemiology, basic statistical principles and methods for epidemiological research, practical aspects of design and conduct of epidemiological studies, epidemiology of communicable and non-communicable diseases, and skills related to scientific writing.
ePost Graduate Program in Management of Reproductive and Child Health Programmes	1 year	The course aims to develop an in-depth understanding of technical and programmatic issues related to reproductive and child health programmes. It also intends to strengthen the capacity to plan, manage and monitor RCH programmes at the state and district level.
ePost Graduate Program in Health Economics, Health Care Financing and Policy	1 year	The course aims to increase appreciation of role of health economics, health care financing and policy in public health. It will provide a fundamental understanding of key issues in health economics, health care financing, pharmaceutical economics and economic evaluation for public health practice for informed decision-making and implementation.
eCourse on Monitoring & Evaluation of Health Programs	6 months	The course aims to strengthen the capacity of public health professionals actively engaged in the health sector. This course is designed for global health professionals to develop core competencies to design and implement M&E activities in both government & nongovernment sectors.
eCourse in Clinical Research Methods	4 months	The course aims to provide participants with a multidisciplinary perspective to facilitate their skills in health research. This course will expose them to fundamental concepts and basic analytic methods to cover topics spanning from conceptualization of research idea to dissemination of research findings to fully equip them to carry out original research and report their findings.
eCourse in Research Ethics	3 months	The course aims to sensitize members of ethics committees, researchers and students on the ethical principles of research ethics in humans, essentially in the context of public health research and implementation trials. The focus of this course would be more related to public health research and implementation research.
eCourse in Maternal, Infant, Young Child and Adolescent Nutrition (MIYCAN- eLearning)	4 months	This course will sensitize participants on the importance of first 1000 days of life with specific emphasis on the critical importance of maternal nutrition, breastfeeding, complementary feeding, adolescent nutrition, health systems protocols and evidence based approaches for quality MIYCAN programming.

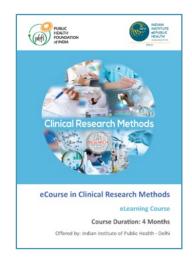




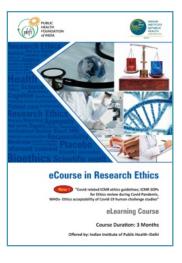












Brochures of eLearning Programs for 2023 Session

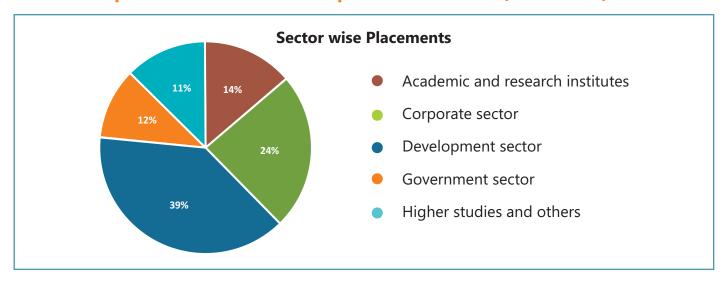
Placements

IIPH-Delhi has an active placement cell to coordinate the student placement activities. The placement cell is managed by the Faculty Leads, Program Officers and student placement cell representatives from each academic program at IIPH-Delhi and supported by Assistant Manager-Placements at PHFI.

The placement cell facilitates student's employability in relevant organizations working in public health: National and State governments, NHM and State Health Mission, Academic Institutes, Clinical Research Organization, Hospitals, CSR Foundations and Development Sector (NGOs / International NGOs).

Over the years, IIPH-D has emerged as one of the favoured destinations for hiring public health graduates by employers. In addition to providing placement assistance to the students in relevant organizations, the placement cell also facilitates internship of students, quest lectures, connecting to alumni network, career counselling of students for various available job opportunities and professional skills development workshop for students.

Sector wise placement details of self-sponsored students (2008-2022)*

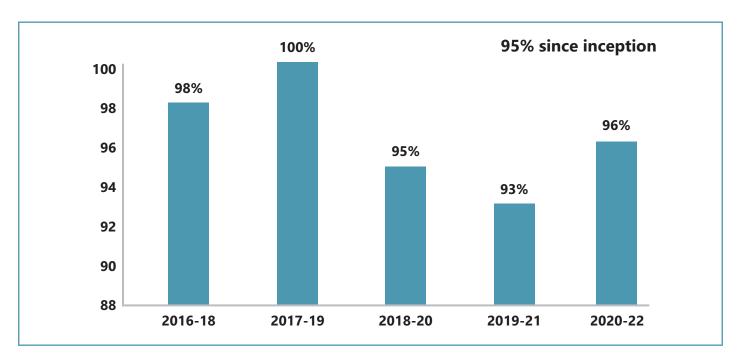


^{*} Year of Graduation

Placement Statistics of students graduated in 2022

Course	Total Students	Total Placed
MPH (2020-2022)	48	46
MSc CR (2020-2022)	10	10
PGDPHM (2021-2022)	8	7
Total	66	63

Placement details for MPH (2016-18, 2017-19, 2018-20, 2019-21, 2020-22) batch



Some employers of IIPH-Delhi graduates



Students' Life at IIPH-Delhi





Poshan Maah 2022 organized with students





Group activity by students in the class room





Annual Event UMANG



Visit of MSc CR students to National institute of Biology



Field visit of MPH Students

Student Testimonials – On–campus Programs

Shreyasi Pathak | MPH 2021-23, IIPH-Delhi

"Overall, it was a fantastic experience that will last a lifetime. A wonderful learning experience with academic exposure to renowned public health personalities, visits to public health institutions, and hands-on skill building activities. I have a tremendous deal of respect, love, and dedication for the whole faculty and department."



Reena Marbate | MPH 2021-23, IIPH-Delhi

"The IIPH-Delhi has given me a great deal of confidence and a new way to approach problems and open the doors to a new world."



Athul Mohan | MPH 2021-23, IIPH-Delhi

"IIPH Delhi has had a huge influence in shaping my thought process and eventually my career trajectory. The faculty has been key in expanding my vision towards a peoplecentric approach. Their inputs have pushed me closer to being an impactful part of the national health system."



Bahastuti Bhat | MPH 2021-23, IIPH-Delhi

"The program has been truly transformative, equipping me with invaluable knowledge and skills that have shaped my perspective on public health. Throughout the course, I delved into various aspects of public health, including Epidemiology, Biostatistics, Health policy, Social determinants of health & Public Health Nutrition. The comprehensive curriculum provided a solid foundation in understanding the complexities of public health challenges and their potential solutions. One of the most significant takeaways from the program was the emphasis on critical thinking and evidence-based decision-making. The faculty members, who are experts in their respective fields, fostered an intellectually stimulating environment that encouraged us to analyze and interpret data, conduct research, and formulate evidence-driven strategies to address public health issues. I am immensely grateful to the institute, the faculty, and my friends for their unwavering support and for creating an exceptional learning environment."



Prerna Ojha | MPH 2021-23

"I am thankful to all the faculty and staff at IIPH, Delhi for making my learning experience so effortless. I have acquired all the skills and have learnt interpersonal skills during my coursework. The quality of education is unmatched and the support from the staff is generous. Thank you again for the best two years!"



Tanusree Chakraborty | MPH 2021-23

"IIPH-Delhi has been an invaluable journey of growth and development. The comprehensive curriculum, expert faculty, and practical experiences have equipped me with the skills to tackle public health challenges. The inclusive community and emphasis on ethical practice have nurtured my commitment to make a positive impact. Grateful to IIPH-Delhi for shaping me into a confident public health professional."



Alveena Malik | MPH 2021-23

"The MPH course at IIPH-Delhi has been a transformative journey for me, equipping me with the knowledge, skills, and passion to make a meaningful impact in public health. The exceptional faculty, comprehensive curriculum, and hands-on experiences have prepared me to address the complex challenges of the health landscape with confidence and expertise."



M Shyam Mohan | MPH 2021-23

"The MPH program has offered me a diverse range of subjects and opportunities for growth, and I have embraced each one with enthusiasm and a genuine passion for making a difference in the health of communities. Through rigorous coursework, engaging lectures, and thought-provoking discussions, I have developed a deep understanding of public health principles and their practical applications. Indian Institute of Public Health Delhi has provided me with an environment that nurtures holistic development and offers extensive exposure to various aspects of public health. I have had the privilege of learning from esteemed professors who possess vast expertise and experience in the field. Their guidance and mentorship have been instrumental in shaping my academic and professional growth."



B Vidya Rao | MPH 2021-23

"The faculty here is highly qualified with a great experience of both teaching and mentoring. I learnt a lot of things while doing thesis and the courses which are included in the semesters are also very helpful for learning new topics .By this course i learnt many things related to research and analysis."



Nikhil Kumar Khatri | MSc. Clinical Research 2021-23

I am extremely grateful to the teachers at IIPH-Delhi for providing me with exceptional subject knowledge and support throughout my academic journey. Additionally, I would like to express my heartfelt appreciation to the placement cell of IIPH-D for conducting highly effective training sessions that played a pivotal role in securing my placement."



Mansi | MSc. Clinical Research 2021-23

"The comprehensive curriculum, constant support from IIPH-Delhi's expert faculty, and practical exposure enabled me to ace the interview rounds and secure a campus placement as an Epidemiology and Outcomes Research Analyst. Their quidance and industry connections have been instrumental in equipping me with the skills and opportunities for a successful career in the Clinical Research field."



Pranavraj Singh Rathore | MSc. Clinical Research 2021-23

"IIPH-Delhi is the finest college for public health great teachers and elaborative course structure."



Reesha Premjit | PGDPHM 2021-22

"Studying from IIPH-Delhi proved to be an enriching learning experience. Here, the class discussions with our humble and qualified professors, helped me understand the nuances of public health. If the student decides to follow the curriculum meticulously, it will be enough to groom her/him into a public health professional, ready to take up new roles in the development sector."



Student Testimonials-eLearning Programs



Dr. Mahendra Kumar Pal

ePost Graduate Program in Health Economics, Health Care Financing & Policy, Dec 2021-Nov 2022

"This course enhanced my knowledge about the broader area of the public health, especially economic evaluation and Health Policy Analysis. My overall experience is awesome on the course structure and management of the program. Faculties are excellent, who had tried their 100% in the better understanding of the topic/modules."



Ms. Neha Deora

ePost Graduate Program in Public Health Nutrition, Dec 2021-Nov 2022

"It was interesting, useful at the same time enhanced my knowledge in the respective fields, It gives me an opportunity to expand my horizon and incorporate this learning with my existing knowledge and grow further in the field."



Mr. Lokesh Chauhan

ePost Graduate Program in Epidemiology, Dec 2021-Nov 2022

"The content and books provided during the course was very useful. This course has helped me understand the concepts of epidemiology. The knowledge gained during this course has definitely helped me in implementing public health programs. My overall experience is very good. Thank you PHFI for providing this wonderful learning platform for working professionals."



Dr. Vishnu Priya V

ePost Graduate Program in Management of Reproductive & Child Health Programs, Dec 2021-Nov 2022

"The modules and monthly discussion were useful. As a public health professional, this course helped me to gain insight into the different aspects of Programs Management in my arena of interest. Overall - excellent experience with the entire team."



Dr. Zuha Khan

eCourse in Monitoring & Evaluation of Health Programs (Dec 2021- June 2022)

"The quiz post session was very useful in assessing the understanding of the lecture. It has added to my knowledge and competence of managing health programs. The course material is very comprehensive and faculty is also very experienced. The overall management of the program is satisfactory."



Dr. Varsha Chaudhary

eCourse in Research Ethics, Aug 2022 batch

"This course has definitely helped me in learning more about the ethical ways to conduct research. It has also brought the many guidelines to my attention. Dr Shifalika is a wonderful teacher. She teaches with passion. Other lectures were also very informative and to the point. The back-end team has also been very supportive."



Dr. Gayathri K

eCourse in Clinical Research Methods, June 2022

"The recorded lectures and recorded interactive sessions was available all the time for reference which was very helpful during the course. The course also helped me to obtain in depth knowledge on research methods. It was a very informative, clear and quided course. Thank you!"



Dr. Anupama Abhilasha Murmu

eCourse in Maternal, Infant, Young Child and Adolescent Nutrition, July 2022

"This course has helped in in-depth learning Nutrition concerned for the Maternal, Infant, Young Child and Adolescent. It is beneficial for all the Future students who wish to learn more about Nutrition related aspects. The faculty is supportive and helpful at all times in need. They communicated and solved all our queries. The discussion forum was indeed a great platform for interactive sessions. Overall, I am very happy about the course structure and the overall management of this program. Would love to be a part of other programs developed by the PHFI family."

Highlights of COVID -19 related work at IIPH -Delhi

IIPH Delhi faculty members and MPH students were actively engaged in various activities related to the containment of the COVID-19 pandemic response during 2022-23.

Publications related to COVID-19

- Mehta K, Dhaliwal BK, **Zodpey SP**, Loisate S, Banerjee P, Sengupta P, et al. COVID-19 vaccine acceptance among healthcare workers in India: Results from a cross-sectional survey. PLOS Glob Public Health. 2022; 2:e0000661.
- Ghosh-Jerath S, Kapoor R, Dhasmana A, Singh A, Downs S, Ahmed S. Effect of COVID-19 Pandemic on Food Systems and Determinants of Resilience in Indigenous Communities of Jharkhand State, India: A Serial Cross-Sectional Study. Front Sustain Food Syst. 2022; 6:724321.
- Mistry SK, Ali ARMM, Yadav UN, Das Gupta R, Anwar A, Basu S, Huda MN, Mitra DK. A tale of osteoarthritis among older adults during the COVID-19 pandemic in Bangladesh: A repeated cross-sectional study. PLoS One. 2022; 17(9):e0274838.
- Sharma N, Basu S, Manna S, Rao S, Sharma P, Kaur H, Duggal K, Kumar P, Malik ST. Perceptions of Good Health and Impact of COVID-19 Among Adolescents in a Low-Income Urban Agglomerate in Delhi, India: A Qualitative Study. Cureus. 2022; 14(4):e24425.
- Sharma P, Basu S, Mishra S, Gupta E, Agarwal R, Kale P, Mundeja N, Charan BS, Singh G, Singh M. SARS-CoV-2 Seroprevalence in Delhi, India, During September-October 2021: A Population-Based Seroepidemiological Study. Cureus. 2022; 14(7):e27428.
- Sharma P, Basu S, Mishra S, Mundeja N, Charan BS, Singh G, Singh MM. COVID-19 Vaccine Acceptance and Its Determinants in the General Population of Delhi, India: A State Level Cross-Sectional Survey. Cureus. 2022; 14(7):e26936.
- Sharma P, **Basu S**, Mishra S, Singh MM. Seroprevalence of immunoglobulin G antibodies against SARS-CoV-2 in children and adolescents in Delhi, India, from January to October 2021: a repeated cross-sectional analysis. Osong Public Health Res Perspect. 2022; 13(3):184-90.
- Sharma P, Gupta E, Basu S, Agarwal R, Mishra S, Kale P, Mundeja N, Charan BS, Singh GK, Singh MM. Neutralizing antibody responses to SARS-CoV-2: A population based seroepidemiological analysis. Indian J Med Microbiol. 2022; 40(4):585-87.
- Sodhi B, Basu S. Antibiotic Prescription Audits Among Pediatric Outpatients With Acute Ailments in a Secondary Care Hospital During the COVID-19 Omicron Wave in Northern India. Cureus. 2022; 14(11):e32017.
- 10. Basu S, Sharma H. Media Reporting Relating to COVID-19 Vaccination as a Driver of Vaccine Hesitancy Prior to the Second Wave of the COVID-19 Pandemic in India: A Content Analysis of Newspaper and Digital Media Reports. Cureus. 2023; 15(3):e36750.
- 11. Manna S, Basu S. It Cost Us All of Our Savings to Deliver Our Baby: A Qualitative Study to Explore Barriers and Facilitators of Maternal and Child Health Service Access and Utilization in a Remote Rural Region in India During the COVID-19 Pandemic. Cureus. 2023; 15(2):e35192.
- 12. Mishra R, Kumar P, Selvaraj S. Augmenting Community Response to COVID-19 Challenges: Lessons from Andhra Pradesh, India. In Y Erolova, E Tzaneva, V Ivanova, J Popcheva editors. Between the Worlds: Narratives and Notions of Pandemics: Sofia, Bulgaria: Bulgarian Academy of Sciences. – in print

Projects related to COVID-19

New research projects on COVID 19 initiated by IIPH Delhi Faculty

- 1. A Retrospective Review of COVID-19 Related Clinical Outcomes Following the Introduction of the National Clinical Management Protocol (NCMP) on Ayurveda, Yoga and Other Ayurveda Interventions for COVID-19 funded by Ministry of AYUSH, Government of India
- 2. Assessment of Relative Efficiency of COVID-19 Vaccines Granted Emergency Use Authorisation (EUA) in India and their Respective Modes of Delivery - An Economic Evaluation funded by Indian Council of Medical Research (ICMR)
- 3. POSHAN COVID-19 Data Reviews funded by The United Nations Children'S Fund (UNICEF)
- 4. Assessment of the Community Village Program (CVP) for COVID-19 Risk Reduction funded by Bharatiya Jain Sanghatana (BJS), Pune



Students addressing community



SHAHAR Project visit



Vulnerability assessment in urban slums of Mumbai

Short-term Trainings and Workshops Apr 2022 – Mar 2023

Indian Institute of Public Health-Delhi (IIPH-Delhi) offers a wide range of short-term trainings and workshops. These training programs aim to enhance the capacity of the professionals to implement and manage health programs and improve the provision of quality health care services. Apart from this, the training programs also enable the participants to develop and enhance skills in quantitative and qualitative research techniques, critically appraise existing research, and foster the development of strong analytical skills. A range of training topics including but not limited to Quantitative and Qualitative Research Methods, Public Health Management, Health Policy, Public Health Nutrition, Advocacy, Health Communication, Ethics, and Leadership in Health and Development sectors are being offered. The key strengths of our training programs are skill-based training modules, content designed for the multidisciplinary nature of the participants, short duration and high standards of teaching by in-house experienced faculty, affordable registration fee, and efficient administration. The principles of quality assurance are used for all training programs for continuous value-add on the field.

Several such training programs customized to the identified needs of health professionals, clinical and public health researchers, program managers, and social scientists from academic institutes, NGOs, and health systems across India and also outside the country have since been conducted at the institute. Owing to the COVID-19 pandemic, some training programs at IIPH-Delhi were conducted in online mode. We also adopted a blended modality for training where online sessions were supplemented with contact sessions. Hosting these academic events has been a rewarding experience with the aim of providing a boost to the public health sector of the country. The training programs have been designed and aligned considering the needs of various stakeholders. Some of these training and workshops have received support and funds from both national and international organizations. During the period April 2022 to March 2023, the training division successfully conducted 22 training and workshops (online and oncampus) in which 363 candidates participated.

Since its inception in November 2008 until March 2023, IIPH-Delhi has successfully delivered 450 trainings and workshops, enhancing the skills and capacity of 10232 participants.

Short-term Trainings and workshops at IIPH-Delhi (Apr 2022 – Mar 2023)

Training designed and conducted by IIPH-Delhi	No. of Trainings	Participants Trained	Training days	Person Days
April 2022 – March 2023	22	363	104	1877

List of Short-term Training and Workshops (April 2022 – March 2023)

	Title	Dates	Modality	No. of Participants	Training Days	Person Days
1.	Workshop on Manuscript Writing & Grants Writing (Pune)	June 25, 2022	In-person	52	1	52
2.	Management and Leadership in Public Health Projects for NGOs working in Gurgaon (Shahar Project)	June 28-30, 2022	In-person	11	3	33
3.	Short-term Training on Health and Nutrition Management (Batch-1) (Sponsored by Project Concern International PCI)	July 25 - 29, 2022	In-person	19	5	95
4.	Short-term Training on Health and Nutrition Management (Batch-2) (Sponsored by Project Concern International PCI)	August 01- 05, 2022	In-person	20	5	100
5.	Management of Reproductive and Child Health and Nutrition Programs	August 01- 05, 2022	In-person	3	5	15
6.	Project Management of Health Programs	Aug 22-26, 2022	In-person	3	5	15
7.	Basic Statistical Analysis using SPSS	Aug 22-26, 2022	In-person	9	5	45
8.	Short-term Training on Health and Nutrition Management (Batch-3) (Sponsored by Project Concern International PCI)	Aug 29-Sep 02, 2022	In-person	19	5	95
9.	Online Workshop 'Data Visualisation in R for Public Health Professionals'	Sep 06-09, 2022	Online	7	4	28
10.	Online short-term training on "Routine Health Information System (RHIS)" (Supported by WHO SEARO)	Oct 21-Dec 02, 2022	Online	47	11	517
11.	Online workshop on "Designing, Analysis and Interpretation of Quantitative Health Research"	Nov 30-Dec 02, 2022	Online	4	3	12
12.	Online workshop on "Strengthening of Routine Health Information Systems (RHIS)"	Dec 12-16, 2022	Online	7	5	35
13.	Online Workshop on 'Epidemiological Analysis and Visualization of Outbreak Data in Excel and R'	Dec 19-21, 2022	Online	5	3	15

	Title	Dates	Modality	No. of Participants	Training Days	Person Days
14.	Systematic Reviews and Meta-analysis using RevMan	Jan 16-20, 2023	In-person	25	5	125
15.	Capacity Building on Hospital Preparedness for Hospital Managers and Public Health Emergencies for District Health Officials (MoHFW)	Jan 16-21, 2023	In-person	29	6	174
16.	Online workshop on "Economic Evaluation of Health Care Programs	Jan 30-Feb 02, 2023	Online	4	4	16
17.	Training of Trainers under Integrated Disease Surveillance Program (NCDC, MOHFW)	Jan 30-Feb 03, 2023	In-person	25	5	125
18.	Capacity Building on Hospital Preparedness for Hospital Managers and Public Health Emergencies for District Health Officials	Feb 27 - Mar 04, 2023	In-person	30	6	180
19.	Systematic Reviews and Meta-analysis using RevMan	Mar 13-17, 2023	In-person	25	5	125
20.	Online workshop on 'Impact Evaluation: Public Programs in Health'	Mar 20-24, 2023	Online	5	5	25
21.	Basic Statistical Analysis using Stata	Mar 20-24, 2023	In-person	4	5	20
22.	Online workshop on "Operational Research in Public Health"	Mar 27-29, 2023	Online	10	3	30



Students interacting with Anganwadi Workers during field visit in Gurgaon



Training for vulnerability assessment- Nashik

Participants' Testimonials-**Short-term Training & Workshops**

"Really loved this workshop! Excellent quality of teaching by all the teachers. Looking forward to attend more in future" - Participant of Online Workshop on 'Data Visualization in R for Public Health Professionals' (Sep 06-09, 2022)

"The learnings will help in better managerial roles and will help in efficacy. It will refine the perspectives and will help in bringing out better leadership qualities and stakeholder engagement will help to achieve Projects' objectives and fulfil vision of BRLPS. It help the community too"

> - Participant of 'Short-term Training on Health and Nutrition Management' Supported by Project Concern International (PCI), Bihar, India (July 25-29, 2022)

"Over all the session was very informative and serves the purpose giving me insight into the quantitative analysis in healthcare research. Really appreciate and thank the team for their time and knowledge sharing. I shall also like to thank for organising it so well. Shall be looking forward for other training programs"

- Participant of 'Training of Trainers under IDSP' Jan 30 - Feb 03, 2023

"I joined six months ago, in this training I got to know a lot of things and my concepts are clear now about surveillance, outbreak investigation, DHPL and finance etc."

> - Participant of Online Workshop on 'Designing, Analysis and Interpretation of Quantitative Health Research' (Nov 30 - Dec 02, 2022)

"It is a comprehensive program covering most of the topics related to disaster management. It has given a holistic approach for capacity building and preparedness for disaster preparedness"

> - Participant of 'Capacity Building on Hospital Preparedness during Public Health Emergencies' in collaboration with MoHFW (Feb 27-Mar 4, 2023)

"It was overall an excellent experience with IIPH-Delhi for this training, many new thigs I am taking home from here. Research gaps in current Ayurveda Scenario will be more evident from conducting SRMA in future"

- Participant of in-person workshop on 'Systematic Reviews in Meta-analysis using RevMan' (Mar 13-17, 2023)

"Overall felt it was a useful training and gave me lot of exposure to different methodologies of quasi experimental and RCT methods"

- Participant of Online workshop on 'Impact Evaluation: Public Programs in Health' (Mar 20-24, 2023)

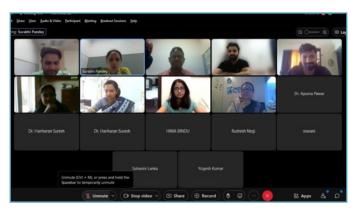
"It was really wonderful sensitization workshop for me on understanding the adolescent health and related programs" - Participant of Online workshop on 'Approaches for Implementing Adolescent Health Programs' (Mar 21-23, 2023)

"I hope I can use this knowledge in my final year MD exams and also on my journey ahead as I am interested in OR and applying it further"

- Participant of online workshop on 'Operational Research in public Health' (Mar 27-29, 2023)

Glimpses of Short-term Training and Workshops (Apr 2022 – Mar 2023)





Glimpses of virtual sessions, participants attending the online workshop





Participants attending the in-person session during the short term training on Health and Nutrition Management' supported by PCI global, Bihar



Participants attending in-person session during the 'Training of Trainers by IDSP' (Jan 30 - Feb 03, 2023)



Participants attending in-person session during the 'Capacity Building on Hospital Preparedness during Public Health Emergencies (February 27- Mar 04, 2023)

Proposed Workshop Series 2023-24

	Торіс	Date
1.	Online Workshop on 'Data Handling, Cleaning, Visualization and Statistical Analysis in Python for Public Health Professionals'	Jun 12-16, 2023
2.	Online Workshop on 'A primer on Maternal, Infant, Young Child and Adolescent Health Nutrition'	Jul 03-05, 2023
3.	Strengthening of Routine Health Information Systems (RHIS)	Jul 24-28, 2023
4.	Project Management of Health Programs	Aug 07-11, 2023
5.	Online workshop on 'Economic Evaluation of Health Care Programs'	Sep 12-15, 2023
6.	Interrupted Time Series (ITS) Analysis - Quasi Experimental Research Design	Sep 19-22, 2023
7.	Online Workshop on 'Data Handling, Cleaning, Visualization and Statistical Analysis in R for Public Health Professionals'	Oct 09-13, 2023
8.	Online workshop on 'Designing, Analysis and Interpretation of Quantitative Health Research'	Nov 20-23, 2023
9.	Basic Statistical Analysis using SPSS	Dec 11-15, 2023
10.	Introduction to Infectious Disease Modelling	Feb 05-09,2024
11.	Monitoring and Evaluation of Health Programs for Improved Decision Making	Feb 19-23, 2024
12.	Online workshop on 'Operational Research in Public Health'	Mar 04-06, 2024
13.	Management of Reproductive and Child Health and Nutrition Programs	Mar 11-15, 2024
14.	Systematic Reviews and Meta-analysis using RevMan	Mar 11-15, 2024
15.	Basic Statistical Analysis using Stata	Mar 18- 22, 2024



Research

The Research Administration and Development (RAD) Cell at IIPH-Delhi

In addition to academics and training activities, the Faculty at IIPH Delhi is actively engaged in public health research. The vibrant research atmosphere at IIPH-Delhi has enabled faculty members to undertake 162 research projects (154 completed and 8 ongoing) since its inception in 2008. Additionally, our researchers also collaborate with colleagues from PHFI, other IIPHs and multiple national and international academic institutes in research activities. The Research Administration and Development (RAD) Cell was conceived to streamline research related activities, ensure centralized and updated documentation of research activities and help enhance our institutional research capacity. The cell has facilitated the creation of institutional frameworks and SOPs guiding research administration and development. The cell also facilitates communication with the Research Administration Team at PHFI in streamlining the proposal submission process from all IIPH-Delhi researchers and their record maintenance. The institute has a strong research base with several projects funded/ supported by the Government, with 62% faculty time engagement in projects and 58 publications in 2022-23.

Institutional Ethics Committee of the Indian Institute of Public Health- Delhi

The Institutional Ethics Committee of the Indian Institute of Public Health- Delhi, was constituted in February 2011. It aims to protect human subjects participating in various research projects carried out by the Indian Institute of Public Health- Delhi. The Ethics Committee of IIPH-Delhi was approved and registered by the DCGI, Government of India, as an Independent Ethics committee in November 2014.

Technical Review Committee of the Indian Institute of Public Health- Delhi

The Technical Review Committee (TRC) at IIPH-Delhi is tasked with technical review of research proposals before they are submitted to IEC.

Projects Statistics (April 2022 – March 2023)

Particulars	Numbers
Ongoing Projects at IIPH-Delhi	8
Completed Projects at IIPH-Delhi	14
IIPH-Delhi Faculty as Co-Investigator in Completed Projects with PHFI/IIPHs/COEs	5
Total	27

Projects (April 2022 – March 2023)

Ongoing Projects at IIPH-Delhi

Sr.No	Project Title	Investigators	Funding Agency	Duration
1.	Design and Scale up of Alternate Models for Responding to the Critical Shortage of Medical Specialists in Selected States	Sanjay Zodpey, Subhash Salunke, Dileep Mavalankar, Himanshu Negandhi, Rajesh Nair	Bill and Melinda Gates Foundation (BMGF)	Oct 2016 – Apr 2024
2.	A Retrospective Review of COVID-19 Related Clinical Outcomes Following the Introduction of the National Clinical Management Protocol (NCMP) on Ayurveda, Yoga and Other Ayurveda Interventions for COVID-19	Jyoti Sharma, Preeti Negandhi, Ranjana Singh	Ministry of AYUSH, Government of India	Jun 2021 – Dec 2023
3.	Are Citizens of Delhi Willing to Stop Using Private Vehicles for Their Daily Office Commute in Order to Reduce Air Pollution and Related Ailments	Shomik Ray, Ranjana Singh	Indian Council of Medical Research (ICMR)	Jan 2022 – Dec 2023
4.	Assessment of Relative Eficiency of COVID-19 Vaccines Granted Emergency Use Authorisation (EUA) in India and their Respective Modes of Delivery - An Economic Evaluation	Shomik Ray, Ranjana Singh	Indian Council of Medical Research (ICMR)	Apr 2022 – Mar 2024
5.	Multi-sectoral Coordination for Reducing Road Traffic Accidents (RTA) in Gurgaon, Haryana - An Exploratory Study	Preeti Kumar, Shomik Ray	Public Health Foundation of India (PHFI)	Oct 2022 – Oct 2024
6.	Project SAHYOG	Preeti Kumar Anil Kumar Varghese, Sanjay Swain, Umesh Routray, Saket Swain	National AIDS Control Organization (NACO), Hindustan Latex Family Planning Promotion Trust (HLFPPT)	Nov 2022 – Mar 2024
7.	Technical Support for Vulnerability Assessment in Urban Slums of Mumbai, Nashik and Aurangabad Municipal Corporations	Preeti Negandhi, Jyoti Sharma, Saurav Basu	The United Nations Children's Fund (UNICEF)	Mar 2023 – Jul 2023
8.	Costing of Multi-Sectoral Action Plan for Prevention and Control of Non- Communicable Diseases (MSAP-NCD)	Preeti Kumar, Aashna Mehta	World Health Organization – SEARO	Feb 2023 – May 2023

Completed Projects at IIPH-Delhi

Sr.No	Project Title	Investigators	Funding Agency	Duration
1.	Dietary Diversity and Nutritive Value of Indigenous Foods in Addressing Food Security and Nutritional Status of Vulnerable Tribal Communities of India	Suparna Ghosh- Jerath	The Wellcome Trust DBT India Alliance	May 2017 – Apr 2022
2.	Scholarships for Students Enrolled in MPH Programs Offered at the Indian Institutes of Public Health – Gandhinagar, Hyderabad and Delhi-NCR	Anjali Singh	Infosys Foundation	Aug 2017 – Aug 2022
3.	The Food Environment Toolbox: Tools to Measure Natural and Built Food Environments in Low- and Middle-Income Countries	Suparna Ghosh- Jerath	IMMANA Competitive Research Grants, Rutgers	Mar 2021 – Feb 2023
4.	POSHAN Covid Data Reviews	Suparna Ghosh- Jerath	The United Nations Children'S Fund (UNICEF)	Oct 2021 – Apr 2022
5.	Strengthening Comprehensive Primary Healthcare in Municipal Corporation Greater Mumbai (MCGM)	Sanjay Zodpey, Preeti Negandhi, Jyoti Sharma, Saurav Basu	The United Nations Children'S Fund (UNICEF)	Oct 2021 – May 2022
6.	Advanced Collaboration for Early Childhood Development & Empowerment (ACECD)	Samiksha Singh, Rajan Shukla, GVS Murthy	The United Nations Children'S Fund (UNICEF)	Oct 2021 – Apr 2022
7.	Developing a Policy Note with Recommendations on Increase in Incidence of Anemia in the Country	Suparna Ghosh- Jerath	Population Foundation of India (PFI)	Feb 2022 – Apr 2022
8.	Assessment of the Community Village Program (CVP) for Covid-19 Risk Reduction	Saurav Basu, Anup Karan, Himanshu Negandhi	Bharatiya Jain Sanghatana (BJS), Pune	Apr 2022 – Jul 2022
9.	Revised Draft of Indicator Monitoring Framework for SRMNCAH and HA with GER Edits Incorporated	Preeti Negandhi	World Health Organization – SEARO	May 2022 – Jun 2022
10.	Revising the Health Equity Profile for India and 5 Indian States using the NFHS-5 Data	Preeti Negandhi, Anup Karan, Jyoti Sharma	World Health Organization – India	Jun 2022 – Jan 2023
11.	Analysis and Expert Inputs on Online and Blended Learning for NNF Partnership Program, India	Sanjay Zodpey, Anup Karan, Himanshu Negandhi	University of Copenhagen	Jun 2022 – Dec 2022

Sr.No	Project Title	Investigators	Funding Agency	Duration
12.	Technical Support and Guidance for Vulnerability Mapping and Assessment in Mumbai, Nashik and Aurangabad Municipal Corporations	Preeti Negandhi, Jyoti Sharma, Saurav Basu	The United Nations Children's Fund (UNICEF)	Sep 2022 – Jan 2023
13.	Evaluation for the National Institute for Health Research's Global Health Research Portfolio	Preeti Kumar	ECORYS UK Limited	Nov 2022 – Mar 2023
14.	Cross-walk of Essential Service Packages, Service Standards and Staffing Norms in SEAR	Aashna Mehta, Preeti Kumar, Anup Karan	World Health Organization – SEARO	Jan 2023 – Mar 2023

IIPH-Delhi Faculty as Co-Investigator in Completed Projects with PHFI / IIPHs /COEs

Sr.No	Project Title	Investigators	Funding Agency	Duration
1.	A Validation Study of a Dietary Assessment Instrument Capturing Ultra-Processed Food Consumption in Multiple Countries	K S Reddy, Suparna Ghosh-Jerath	IMMANA Competitive Research Grants, London School of Hygiene & Tropical Medicine	Apr 2021 – Mar 2023
2.	Strengthening Primary Healthcare and Human Resources for Health (SHAHAR)	K S Reddy, Sanjay Zodpey, Shomik Ray, Jyoti Sharma, Saurav Basu, Preeti Negandhi, Neha Jain	Infosys Foundation	Oct 2021 – Mar 2023
3.	To Support the Development of a Single Platform (EIOS) for Pooling Resources from SEARO Countries on COVID-19 Related Key Indicators	Giridhar Babu, Ranjana Singh, Ambarish Dutta	World Health Organization – SEARO	Aug 2022 – Oct 2022
4.	Documentation of Anaemia Mukt Mahila Village Initiative	K S Reddy, Jyoti Sharma, Ranjana Singh	Deloitte Touche Tohmatsu India LLP	Sep 2022 – Dec 2022
5.	Strengthening Inter-Sectoral Coordination for Delivering Public Health Services in Primary Care Settings	K S Reddy, Preeti Kumar	Infosys Foundation	Nov 2022 – Mar 2023

Publications

Publications Statistics (April 2022 – March 2023)

Journal Articles	Books / Chapters in Book / Monographs	
57	1	

Journal Articles

- 1. GBD 2019 Human Resources for Health Collaborators [Zodpey S]. Measuring the availability of human resources for health and its relationship to universal health coverage for 204 countries and territories from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet. 2022; 399(10341):2129-54.
- 2. Mehta K, Dhaliwal BK, **Zodpey SP**, Loisate S, Banerjee P, Sengupta P, et al. COVID-19 vaccine acceptance among healthcare workers in India: Results from a cross-sectional survey. PLOS Glob Public Health. 2022; 2:e0000661.
- 3. GBD 2019 Diabetes and Air Pollution Collaborators [Zodpey S]. Estimates, trends, and drivers of the global burden of type 2 diabetes attributable to PM25 air pollution, 1990-2019: an analysis of data from the Global Burden of Disease Study 2019. Lancet. 2022; 6:586-600.
- 4. Gudi N, Swain A, Kulkarni MM, Pattanshetty S, Zodpey S. Tobacco prevention and control interventions in humanitarian settings: a scoping review protocol. BMJ Open. 2022; 12:e058225.
- 5. Tiwari R, Negandhi H, Zodpey S. India's public health management cadre policy. The Lancet Regional Health - Southeast Asia. 2022; 4: https://doi.org/10.1016/j.lansea.2022.100053.
- 6. Mathur MR, Nagrath D, Mishra VK, Saif S, Selvaraj S, Mehta A, Farooqui HH. Antibiotic prescriptions for Oral Diseases in India: Pattern and Practices. BMC Oral Health. 2022; [Epub ahead of print]
- 7. Karan A, Farooqui HH, Hussain S, Hussain MA, Selvaraj S, Mathur MR. Multimorbidity, healthcare use and catastrophic health expenditure by households in India: a cross-section analysis of self-reported morbidity from national sample survey data 2017-18. BMC Health Serv Res. 2022; 22(1):1151.
- 8. Basu S, Rustagi R. Multi-dose vials versus single-dose vials for vaccination: perspectives from lower-middle income countries. Hum Vaccin Immunother. 2022; 1-4: doi: 10.1080/21645515.2022.2059310.
- 9. Gangadharan N, Borle AL, **Basu S**. Mobile Phone Addiction as an Emerging Behavioral Form of Addiction among Adolescents in India. Cureus. 2022; 14(4):e23798.
- 10. Selvaraj S, Farooqui HH, Mehta A, Mathur MR. Evaluating the impact of price regulation (Drug Price Control Order 2013) on antibiotic sales in India: a quasi-experimental analysis, 2008-2018. J Pharm Policy Pract. 2022; 15(1):68. doi: 10.1186/s40545-022-00466-4.

- 11. **Mehta A**, Brhlikova P, McGettigan P, Pollock AM, Roderick P, Farooqui HH. Systemic antibiotic sales and WHO recommendations, India. Bull World Health Organ. 2022; 100(10):610-19.
- 12. Fazaludeen Koya S, **Hasan Farooqui H, Mehta A**, Selvaraj S, Galea S. Quantifying antibiotic use in typhoid fever in India: a cross-sectional analysis of private sector medical audit data, 2013–2015. BMJ Open. 2022; 12(10):e062401.
- 13. **Ray S, Singh R**, Pathak S. Are citizens of Delhi willing to stop using private vehicles for their daily office commute in order to reduce air pollution and related ailments? A protocol for a contingent valuation study. Int J Community Med Public Health. 2022; 9(12):4765-73.
- 14. Kang S, Goodman MS, Thakur HP, Grivna M, **Zodpey SP**. Editorial: An Insight into University Medical and Health Science Courses. Frontiers in Public Health. 2022; 10:1074966.
- 15. Garg S, Bhatnagar N, Singh MM, **Basu S**, Borle A, Marimuthu Y, Azmi F, Dabi Y, Bala I. Menstrual hygiene management and its determinants among adolescent girls in low-income urban areas of Delhi, India: a community-based study. Osong Public Health Res Perspect. 2022; 13(4):273-81.
- 16. **Ghosh-Jerath S**, Kapoor R, Bandhu A, Singh A, Downs S, Fanzo J. Indigenous Foods to Address Malnutrition: An Inquiry into the Diets and Nutritional Status of Women in the Indigenous Community of Munda Tribes of Jharkhand, India. Curr Dev Nutr. 2022; 6(9):nzac102.
- 17. **Ghosh-Jerath S**, Kapoor R, Dhasmana A, Singh A, Downs S, Ahmed S. Effect of COVID-19 Pandemic on Food Systems and Determinants of Resilience in Indigenous Communities of Jharkhand State, India: A Serial Cross-Sectional Study. Front Sustain Food Syst. 2022; 6:724321.
- 18. Global Burden of Disease Study 2019, Adolescent Transport Unintentional Injuries, Collaborators; **Basu S**, Golechha M, **Zodpey SP**. Adolescent transport and unintentional injuries: a systematic analysis using the Global Burden of Disease Study 2019. Lancet Public Health. 2022; 7(8):657-69.
- 19. Global Burden of Disease Study 2019, Cancer Risk Factors, Collaborators. **Zodpey SP**, Dandona L, Dandona R, Kumar GA, Lal DK, **Basu S**. The global burden of cancer attributable to risk factors, 2010-19: a systematic analysis for the Global Burden of Disease Study 2019. Lancet. 2022; 400(10352):563-91.
- 20. Kapoor R, Sabharwal M, **Ghosh-Jerath S**. Indigenous Foods of India: A Comprehensive Narrative Review of Nutritive Values, Antinutrient Content and Mineral Bioavailability of Traditional Foods Consumed by Indigenous Communities of India. Front Sustain Food Syst. 2022; 6:696228.
- 21. **Mehta A**, Brhlikova P, McGettigan P, Pollock AM, Roderick P, **Farooqui HH**. Systemic antibiotic sales and WHO recommendations, India. Bull World Health Organ. 2022; 100(10):610-19.
- 22. Miller E, Reddy M, Banerjee P, Brahmbhatt H, Majumdar P, Mangal DK, Gupta SD, **Zodpey S**, Shet A, Schleiff M. Strengthening institutions for public health education: results of an SWOT analysis from India to inform global best practices. Hum Resour Health. 2022; 20(1):19.

- 23. Misra S, **Lyngdoh T**, Mulchandani R. Guidelines for dyslipidemia management in India: A review of the current scenario and gaps in research. Indian Heart J. 2022; 74(5):341-50.
- 24. Mistry SK, Ali ARMM, Yadav UN, Das Gupta R, Anwar A, **Basu S**, Huda MN, Mitra DK. A tale of osteoarthritis among older adults during the COVID-19 pandemic in Bangladesh: A repeated cross-sectional study. PLoS One. 2022; 17(9):e0274838.
- 25. Pandey S, **Devasenapathy N**, Sinha S, **Zodpey SP**, Bhargava SK, Sachdev HPS, Osmond C, Fall CHD. Childhood Head Growth and Educational Attainment in an Indian Cohort. Indian Pediatr. 2022; 59(1):13-20.
- 26. Pezel T, Sideris G, Dillinger JG, Logeart D, Manzo-Silberman S, Cohen-Solal A, Beauvais F, Devasenapathy N, Laissy JP, Henry P. Coronary Computed Tomography Angiography Analysis of Calcium Content to Identify Nonculprit Vulnerable Plaques in Patients With Acute Coronary Syndrome. Front Cardiovasc Med. 2022; 9:876730.
- 27. Sharma N, **Basu S**, Manna S, Rao S, Sharma P, Kaur H, Duggal K, Kumar P, Malik ST. Perceptions of Good Health and Impact of COVID-19 Among Adolescents in a Low-Income Urban Agglomerate in Delhi, India: A Qualitative Study. Cureus. 2022; 14(4):e24425.
- 28. Sharma N, **Basu S**, Manna S, Sharma P, Rao S, Duggal K, Kaur H, Kumar P, Malik ST. Health-Seeking Behaviour for Childhood Ailments in Caregivers of Under-Five Children in an Urban Resettlement Colony in Delhi, India. Cureus. 2022; 14(4):e24404.
- 29. Sharma P, Basu S, Mishra S, Gupta E, Agarwal R, Kale P, Mundeja N, Charan BS, Singh G, Singh M. SARS-CoV-2 Seroprevalence in Delhi, India, During September-October 2021: A Population-Based Seroepidemiological Study. Cureus. 2022; 14(7):e27428.
- 30. Sharma P, **Basu S**, Mishra S, Mundeja N, Charan BS, Singh G, Singh MM. COVID-19 Vaccine Acceptance and Its Determinants in the General Population of Delhi, India: A State Level Cross-Sectional Survey. Cureus. 2022; 14(7):e26936.
- 31. Sharma P, **Basu S**, Mishra S, Singh MM. Seroprevalence of immunoglobulin G antibodies against SARS-CoV-2 in children and adolescents in Delhi, India, from January to October 2021: a repeated cross-sectional analysis. Osong Public Health Res Perspect. 2022; 13(3):184-90.
- 32. Sharma P, Gupta E, **Basu S**, Agarwal R, Mishra S, Kale P, Mundeja N, Charan BS, Singh GK, Singh MM. Neutralizing antibody responses to SARS-CoV-2: A population based seroepidemiological analysis. Indian J Med Microbiol. 2022; 40(4):585-87.
- 33. Singh A, Baalasubramanian S, Kalaivani M, Kapoor R, Bhagwat K, Ghosh-Jerath S. Standardisation and application of a novel multiplex assay for estimating micronutrient status and inflammatory markers in women of Sauria Paharia and Santhal tribes of Jharkhand. Br J Nutr. 2022; 128(12):2464-479.
- 34. Tiwari R, **Negandhi H**, Dahal S, **Zodpey SP**. Perceptions, experiences, expectations, and challenges of Indian public health programs. Int J Health Promot Educ. 2022; 1-13.

- 35. Zou Z, Liu G, Hay SI, Basu S, Belgaumi UI, Dhali A, Dhingra S, Fekadu G, Golechha M, Joseph N, Krishan K, Martins-Melo FR, Mubarik S, Okonji OC, A MP, Rathi P, Shetty RS, Singh P, Singh S, Thangaraju P, Wang Z, Zastrozhin MS, Murray CJL, Kyu HH, Huang Y. Time trends in tuberculosis mortality across the BRICS: an age-period-cohort analysis for the GBD 2019. EClinical Medicine. 2022; 53:101646.
- 36. Sodhi B, **Basu S**. Antibiotic Prescription Audits Among Pediatric Outpatients With Acute Ailments in a Secondary Care Hospital During the COVID-19 Omicron Wave in Northern India. Cureus. 2022; 14(11):e32017.
- 37. Borle AL, Gangadharan N, **Basu S**. Lifestyle practices predisposing adolescents to non-communicable diseases in Delhi. Dialogues in Health. 2022; 1:100064.
- 38. Chopra KK, Indora A, Pandey P, Malik A, Pandey S. Occurrence of anxiety and depression among homeless individuals with pulmonary tuberculosis. Indian J Tuberc. 2022; [Epub ahead of print].
- 39. Chopra KK, Malik A, Abha I, Pandey P, Pandey S. To study the occurrence of risk factors for pulmonary tuberculosis in the homeless population in areas of Delhi, India. Indian J Tuberc. 2022; [Epub ahead of print].
- 40. Farooqui HH, Karan A, Mathur MR, Hussain S, Selvaraj S. Out-of-pocket expenditure on childhood infections and its financial burden on Indian households: Evidence from nationally representative household survey (2017-18). PLoS One. 2022; 17(12):e0278025.
- 41. Malik B, Farooqui HH, Bhattacharyya S. Disparity in socio-economic status explains the pattern of selfmedication of antibiotics in India: understanding from game-theoretic perspective. R Soc Open Sci. 2022; 9(2):211872.
- 42. Paul S, Basu S, Sodhi B, Singh M M. Utilization of Nutritional Supplementation Services and Their Predictors in Pregnant and Lactating Women Living in an Urban Resettlement Colony of Delhi, India: A Cross-Sectional Study. Cureus. 2022; 14(12):e32302.
- 43. Prabhu V A, Gorthi S P, Nilima, Rao S S, Nair R, Thambi M, Naik A. Relevance of Geographical and Biochemical Factors in Causation of Cerebral Venous Sinus Thrombosis: An Observational Analytical Study. Ann Indian Acad Neurol. 2022; 25(5):875-9.
- 44. Ramírez Varela A, Hallal P C, Mejía Grueso J, Pedišić Ž, Salvo D, Nguyen A, Klepac B, Bauman A, Siefken K, Hinckson E, Oyeyemi A L, Richards J, Salih Khidir E D, Inoue S, Amagasa S, Jauregui A, da Silva M C, Lee I-M, Ding M, Kohl H W, Ekelund U, Heath G W, Powell K E, Foster C S, Memon A R, Doumbia A, Rather A R, Razzaque A, Diouf A, Hino A A, Damasceno A, Abebe A D, Florindo A A, Mannocci A, Aringazina A, Juričan A B, Poffet A, Decelis A, Carlin A, Enescu A, Ochoa Avilés A M, Kontsevaya A, Somhegyi A, Vuillemin A, El Hamdouchi A, Théodore A A, Masanovic B, Lynch B M, Medina C, del Campo C, Abdeta C, Moreways C, Ranasinghe C, Howitt C, Cameron C, Jurakić D, Martinez-Gomez D, Tladi D, Diro D T, Adlakha D, Mitić D, Bjelica D, Biernat E, Chisati E M, Lambert E V, Cerin E, Lee E-Y, Riso E-M, Cañete Villalba F, Assah F, Lovrić F, Araya-Vargas G A, La Torre G, Cruz G I N, Baltaci G, Al Sabbah H, Nalecz H, Nashandi H L, Park H, Revuelta-Sánchez I, Nusurupia J J, Zamora J L, Kopcakova J, Brazo-Sayavera J, Oppert J-M, Nie J B, Spence J C, Bradley J S, Mota J, Mitáš J, Chen J, Hylton K S, Fromel K, Milton K, Borodulin K,

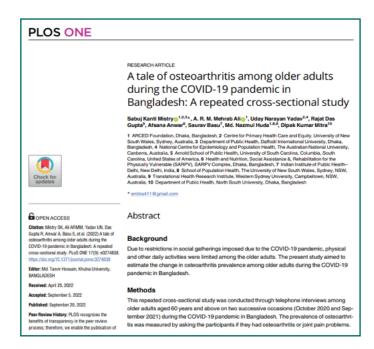
Moustapha K A, Martinez-Folgar K, Nasreddine L, Christiansen L B, Malisoux L, Malete L, Grepo-Jalao L C, Monteiro LZ, Al Subhi LK, Dakskobler M, Alnaji M, Garro MC, Hagströmer M, Murphy MH, Mclaughlin M, Rivera-Morales M, Scheinowitz M, Shkodra M, Piątkowska M, Chaudhury M, Alrashdi N Z, Mutrie N, Murphy N, Ahmad N H, Obeidat N A, Gómez N Y R, Liangruenrom N, Arnesto O D, Flores-Flores O, Incarbone O, Chimeddamba O, Bovet P, Magalhães P, Jousilahti P, Katewongsa P, Gómez R A L, Shihab R A, Ocansey R, Veress R, Marine R, Carrizales-Ramos R, Saeed S Y, El-Ashker S, Green S, Kasoma S, Beretervide S, Baldew S-S, Nichols S, Khoo S, Hosseini S A, Goenka S, Gholamalishahi S, Kosen S, Compernolle S, Enescu S P, Popovic S, Paudel S, Andrade S, Titze S, Davidson T, Dusingizimana T, Dorner T E, Kolbe-Alexander T L, Huong T T, Sychareun V, Jarevska-Simovska V, Puloka V K, Onywera V, Wendel-Vos W, Dionyssiotis Y, Pratt M. Status and Trends of Physical Activity Surveillance, Policy, and Research in 164 Countries: Findings From the Global Observatory for Physical Activity-GoPA! 2015 and 2020 Surveys. J Phys Act Health. 2022; 20(2):112-28.

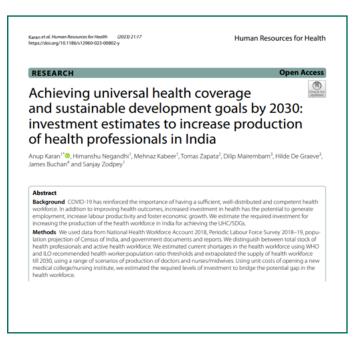
- 45. Sharma A, Apte A, Rajappa M, Vaz M, Vaswani V, Goenka S, Malhotra S, Sangoram R, Lakshminarayanan S, Jayaram S, Mathaiyan J, Farseena K, Mukerjee P, Jaswal S, Dongre A, Timms O, Shafiq N, Aggarwal R, Kaur M, Juvekar S, Sekhar A, Kang G. Perceptions about controlled human infection model (CHIM) studies among members of ethics committees of Indian medical institutions: A qualitative exploration. Wellcome Open Res. 2022; 7(209):1-14.
- 46. Sharma N, Nazar G P, Chugh A, Chopra M, Mdege N D, John R M, Arora M, Karan A. Socio-Economic Status (SES) differences in changing affordability of tobacco products from 2011-12 to 2018-19 in India. Nicotine Tob Res. 2022; 25(4):709-17.
- 47. Kuriakose S, Krishnamurthy A, Vinutha RS, Ramshankar V, Sekhar S, Walia GK, Gupta R, Aggarwal A, Singh R, Rajan S, Kondal D, Grover S, Prabhakaran D, Dhillon PK, Shridhar K, Goodman M. Time intervals and patient-level factors in oral cancer diagnostic pathways: An application of the WHO framework in India. Cancer Epidemiol. 2022; 81:102283.
- 48. Karan A, Negandhi H, Kabeer M, Zapata T, Mairembam D, De Graeve H, Buchan J, Zodpey SP. Achieving universal health coverage and sustainable development goals by 2030: investment estimates to increase production of health professionals in India. Hum Resour Health. 2023; 21(1):17.
- 49. Schleiff M, Brahmbhatt H, Banerjee P, Reddy M, Miller E, Majumdar P, Mangal DK, Gupta SD, **Zodpey SP**, Shet A. Key factors influencing public health students and curricula in India: Recommendations from a mixed methods analysis. PLoS One. 2023; 18(2):e0279114.
- 50. Basu S, Malik M, Anand T, Singh A. Hypertension Control Cascade and Regional Performance in India: A Repeated Cross-Sectional Analysis (2015-2021). Cureus. 2023; 15(2):e35449.
- 51. **Basu S**, Sharma H. Media Reporting Relating to COVID-19 Vaccination as a Driver of Vaccine Hesitancy Prior to the Second Wave of the COVID-19 Pandemic in India: A Content Analysis of Newspaper and Digital Media Reports. Cureus. 2023; 15(3):e36750.

- 52. Girotra S, Mohan N, Malik M, Roy S, **Basu S**. Prevalence and Determinants of Low Birth Weight in India: Findings from a Nationally Representative Cross-Sectional Survey (2019-21). Cureus. 2023; 15(3):e36717.
- 53. Manna S, Basu S. It Cost Us All of Our Savings to Deliver Our Baby: A Qualitative Study to Explore Barriers and Facilitators of Maternal and Child Health Service Access and Utilization in a Remote Rural Region in India During the COVID-19 Pandemic. Cureus. 2023; 15(2):e35192.
- 54. Mathur MR, Nagrath D, Mishra VK, Harris R, Saeed SS, Selvaraj S, Mehta A, Farooqui HH. Antibiotic prescriptions for oral diseases in India: evidence from national prescription data. BMC Oral Health. 2023; 23(1):170.
- 55. Mulchandani R, Lyngdoh T, Nangia R, Singh S, Grover S, Thakur J S. Relationship between serum lipids and depression: A cross sectional survey among adults in Haryana, India. Indian J Psychiatry. 2023; 65(1):61-7.
- 56. Sharma N, Mariam W, **Basu S**, Shrivastava R, Rao S, Sharma P, Garg S. Determinants of Treatment Adherence and Health Outcomes in Patients With Type 2 Diabetes and Hypertension in a Low-Income Urban Agglomerate in Delhi, India: A Qualitative Study. Cureus. 2023; 15(2):e34826.
- 57. Sharma N, Palo S K, Bhimarasetty D M, Kandipudi K L P, Purty A J, Kumar T, **Basu S**, Alice A, Velavan A, Madhavan S, Rongsen-Chandola T, Arora N K, Dixit S, Pati S, Taneja Malik S. Community Dynamics and Engagement Strategies in Establishing Demographic Development and Environmental Surveillance Systems: A Multi-Site Report from India. Healthcare (Basel). 2023; 11(3):411.

Books/Chapters in Book / Monographs

Mishra R, Kumar P, Selvaraj S. Augmenting Community Response to COVID-19 Challenges: Lessons from Andhra Pradesh, India. In Y Erolova, E Tzaneva, V Ivanova, J Popcheva editors. Between the Worlds: Narratives and Notions of Pandemics: Sofia, Bulgaria: Bulgarian Academy of Sciences. – in print





Students Publications

Journal Articles

- Markan M, Dhingra R, Segan M, Dabla V, Sagar M, Neogi S, Dey S, Chakravarty N. Gender-based violence programming in times of COVID-19: Challenges, strategies and recommendations. Front Glob Womens Health. 2022.6; 3:952688.
- 2. Paul S, Basu S, Sodhi B, Singh MM. Utilization of Nutritional Supplementation Services and Their Predictors in Pregnant and Lactating Women Living in an Urban Resettlement Colony of Delhi, India: A Cross-Sectional Study. Cureus. 2022. 7; 14(12):e32302.
- Sodhi B, Basu S. Antibiotic Prescription Audits Among Pediatric Outpatients With Acute Ailments in a Secondary Care Hospital During the COVID-19 Omicron Wave in Northern India. Cureus. 2022; 14(11):e32017.
- 4. Misra S, Lyngdoh T, Mulchandani R. Guidelines for dyslipidemia management in India: A review of the current scenario and gaps in research. Indian Heart J. 2022; 74(5):341-50.
- 5. Chopra KK, Indora A, Pandey P, Malik A, Pandey S. Occurrence of anxiety and depression among homeless individuals with pulmonary tuberculosis. Indian J Tuberc. 2022; [Epub ahead of print].
- Chopra KK, Malik A, Abha I, Pandey P, Pandey S. To study the occurrence of risk factors for pulmonary tuberculosis in the homeless population in areas of Delhi, India. Indian J Tuberc. 2022; [Epub ahead of print].
- 7. Farooqui HH, Karan A, Mathur MR, Hussain S, Selvaraj S. Out-of-pocket expenditure on childhood infections and its financial burden on Indian households: Evidence from nationally representative household survey (2017-18). PLoS One. 2022; 17(12):e0278025.
- Manna S, Satapathy P, Bora I, Padhi B K. Dengue outbreaks in South Asia amid Covid-19: Epidemiology, 8. transmission, and mitigation strategies. Front Public Health. 2022; 10:1060043.
- Manna S, Tripathy S, Dor V J, Padhi B K. Paracetamol usages regulation: A need of the hour. Ann Med Surg (Lond). 2022; 84:104805.
- 10. Manna S, Tripathy S, Sah R K, Padhi B K, Kaur S, Nowrouzi-Kia B, Chattu V K. The Burden of Non-Communicable Diseases (NCDs) among Prisoners in India: A Systematic Review and Meta-Analysis. Healthcare (Basel). 2022; 10(10):2-13.
- 11. Rani Saggu S, Preethi L, Satapathy P, Manna S, Sai Tipirisetty E S, Perween Afsar A, Ravindra K, Chakravarty K, Irfan F B, Sah R, Kumar Padhi B. Acute necrotizing encephalitis outbreak in India: A little-known disease among the adult population. Brain Behav Immun. 2022; 107:383-84.

- 12. Satapathy P, Mohanty P, Manna S, Shamim MA, Rao PP, Aggarwal A K, Khubchandani J, Mohanty A, Nowrouzi-Kia B, Chattu VK, Padhi BK, Rodriguez-Morales AJ, Sah R. Potentially Asymptomatic Infection of Monkeypox Virus: A Systematic Review and Meta-Analysis. Vaccines (Basel). 2022; 10(12):2083.
- 13. Sharma N, Basu S, **Manna S**, Rao S, Sharma P, Kaur H, Duggal K, Kumar P, Malik ST. Perceptions of Good Health and Impact of COVID-19 Among Adolescents in a Low-Income Urban Agglomerate in Delhi, India: A Qualitative Study. Cureus. 2022; 14(4):e24425.
- 14. Sharma N, Basu S, **Manna S**, Sharma P, Rao S, Duggal K, Kaur H, Kumar P, Malik ST. Health-Seeking Behaviour for Childhood Ailments in Caregivers of Under-Five Children in an Urban Resettlement Colony in Delhi, India. Cureus. 2022; 14(4):e24404.
- 15. Mulchandani R, Lyngdoh T, Nangia R, Singh S, Grover S, Thakur JS. Relationship between serum lipids and depression: A cross sectional survey among adults in Haryana, India. Indian J Psychiatry. 2023; 65(1):61-67.
- 16. Chopra K K, Pandey P, Malik A, Indora A, Pandey S. Infection control and preventing the transmission of tuberculosis in high-risk centres - recovery shelter for homeless people. Indian J Tuberc. 2023; 70(2):158-61.
- 17. Girotra S, Mohan N, Malik M, Roy S, Basu S. Prevalence and Determinants of Low Birth Weight in India: Findings from a Nationally Representative Cross-Sectional Survey (2019-21). Cureus. 2023; 15(3):e36717.
- 18. Karan A, Negandhi H, Kabeer M, Zapata T, Mairembam D, De Graeve H, Buchan J, Zodpey SP. Achieving universal health coverage and sustainable development goals by 2030: investment estimates to increase production of health professionals in India. Hum Resour Health. 2023; 21(1):17.
- 19. Manna S, Basu S. It Cost Us All of Our Savings to Deliver Our Baby: A Qualitative Study to Explore Barriers and Facilitators of Maternal and Child Health Service Access and Utilization in a Remote Rural Region in India During the COVID-19 Pandemic. Cureus. 2023; 15(2):e35192
- 20. **Thampi V**, Hariprasad R, John A, Nethan S, Dhanasekaran K, Kumar V, Birur P, Thakur JS, Lilford R, Rajpoot NM, Gill P. Feasibility of Training Community Health Workers in the Detection of Oral Cancer. JAMA Netw Open. 2022; 5(1):e2144022.

Dissertations MPH & MSc CR 2020-22

- 1. To Evaluate the Economic Impact of Covid-19 Diseases on Households in Pilani, Rajasthan - Dr. Alok, MPH 2020-22
- Eating Disorders and their Association with Depressive, Anxiety and Stress Symptoms among College-Going 2. Students in Delhi: A Cross-Sectional Study - Ms. Priyanka Varma, MPH 2020-22
- Various Physical Activity and Its Perceived Barriers among Pregnant Women of Etawah District: A Cross-Sectional Study - Dr. Prateeksha Saxena, MPH 2020-22
- Prevalence of Depression, Anxiety and Stress among School Going Adolescents and It's Association with Perceived Parenting Styles in Bhubaneswar, Odisha - Dr. Victor Panda, MPH 2020-22
- 5. Coverage and Determinants of Covid 19 Vaccine among Urban Slum Population in Naibasti Slum of Jammu District- A Cross Sectional Study - Dr. Pooja Bhat, MPH 2020-22
- Estimating the Awareness on Safe Disposal of E-Waste Amongst School Students: A Cross Sectional Study in 6. Gurgaon, Haryana - Dr. Sanchi Jain, MPH 2020-22
- 7. Assessment of Knowledge and Practices of E-Waste Disposal among Adult Population of Dehradun City, Uttarakhand: A Community-Based Cross-Sectional Study - Dr. Diksha Verma, MPH 2020-22
- Perception and Attitude towards Covid-19 Vaccination and It's Vaccine Trials among Tribal Khasi Community in Meghalaya - Dr. V Sudharsan, MPH 2020-22
- To Evaluate Change in Knowledge, Attitude and Practice (KAP) of the 3rs (Reduce, Reuse, Recycle) of Waste Management among Urban Households in West Delhi, India- A Pre-Post Intervention Study - Dr. Yachna Goyal, MPH 2020-22
- 10. Knowledge and Willingness of Telemedicine Use Among Citizens (30 Years and Above) of Durgapur, West Bengal -A Cross-Sectional Study - Dr. Madhurima Kundu, MPH 2020-22
- 11. To Study the Perceived Lifestyle Changes in Post Covid Patients: A Retrospective Study on Moderate And Severe Cases of Covid-19 - Dr. Apurva Sukhadeo Bhardwaj, MPH 2020-22
- 12. Screen Time and Its Association with Mental Health Morbidities (Depression and Anxiety) Among Medical College Students of Patiala District (Punjab) - A Cross-Sectional Study - Dr. Sheilja Walia, MPH 2020-22
- 13. Knowledge, Attitude, and Practice of Municipal Garbage Collectors of Bangalore East, Regarding Occupational Risks and Harm Reduction Practices: A Cross Sectional Study - Dr. Anjali V Joseph, MPH 2020-22
- 14. Awareness and Utilization of Contraceptives among Married Women Residing in Khora Colony, Ghaziabad -Dr. Poonam Singh, MPH 2020-22
- 15. Anthropometric and Lifestyle Changes during Covid-19 Pandemic among School Going Children of Hoshiarpur District: A Cross-Sectional Study - Dr. Pallavi Bagga, MPH 2020-22

- 16. Knowledge about TB (Tuberculosis) and Awareness of National Tuberculosis Elimination Programme (NTEP) Amongst Healthcare Workers Working in NTEP in Delhi State A Cross Sectional Study Dr. Yogita Dutta, MPH 2020-22
- 17. To Evaluate Mental Health Literacy in Government School Teachers of Port Blair Teaching Classes 1st-8th Dr. Neha Mohan, MPH 2020-22
- 18. Exploring Facilitators and Barriers for Rehabilitation Adherence and End-Users Perceptions on Tele rehabilitation following Knee Replacement: A Mixed Methods Study Ms. Pandey Shruti Ajay, MPH 2020-22
- 19. Prevalence of Stress and Help Seeking Behavior among Nurses in Jaipur- A Cross-Sectional Study Ms. Shagun Rana, MPH 2020-22
- 20. Assessment of Oral Hygiene Awareness and Practices Amongst Patients Visiting OPD of Coronation Hospital, Dehradun- A Hospital Based Study Dr. Simran Sanoria, MPH 2020-22
- 21. Assessment of Awareness and Oral Health Seeking Behaviour Amongst Population of Different SES in Delhi-NCR Region and Perception of Dentists of Covid-19 on Clinical Practices: A Cross Sectional Study Dr. Twinkle Shokeen, MPH 2020-22
- 22. Cardiovascular Disease Risk Factors Among Auto Rickshaw Drivers in South Delhi Dr. Priyanka Mishra, MPH 2020-22
- 23. Willingness of Smokers to Use Digital Technology for Tobacco Cessation Counselling among College Going Students in the District of Ernakulam, Kerala, A Cross Sectional Study Dr. R Aishwariya, MPH 2020-22
- 24. Prevalence of Depression, Anxiety and Stress among Homemakers in Sohna Town, in the Gurgaon District of Haryana, India -A Cross-Sectional Study Dr. Paridhi Aggarwal, MPH 2020-22
- 25. A Study to Explore Challenges of Maternal and Child Health (MCH) Services Utilization from a Rural Health Center During Pandemic by Assessing Awareness, Satisfaction and Service Utilization among Reproductive Age Women in West Bengal: A Qualitative Study Ms. Subhanwita Manna, MPH 2020-22
- 26. Assessment of Barriers and Facilitators in Accessing Alcohol Use Disorder (AUD) De-Addiction Services: A Hospital-Based Cross-Sectional Study Dr. Puneet Singh Pal, MPH 2020-22
- 27. Menstrual Practices and Patterns of Adolescent Girls and Its Correlates in a Rural Area of Jharkhand-A Cross-Sectional Study Ms. Komal Priya, MPH 2020-22
- 28. Diet, Physical Activity and Health Related Quality of Life in Transgender Population in the City of Kanpur, Uttar Pradesh Dr. Anshul Yadav, MPH 2020-22
- 29. Changes in Inequality of High Maternal Health Performing State (Kerala) and Low Maternal Health Performing State (Assam): A Secondary Data Analysis Using NFHS Dr. Alan Noble John, MPH 2020-22
- 30. Knowledge, Attitude and Practices Related to Occupational Hazards among Informal Lead-Acid Battery Recyclers in East Champaran, Bihar A Qualitative Study Dr. Ashish Kumar, MPH 2020-22

- 31. Physical Activity Level and Perceived Barriers in Elderly Population Living in Urban Areas of Lucknow-A Cross Sectional Study - Dr. Prashasti Agrawal, MPH 2020-22
- 32. Assessing the Factors Associated with the Transition from Traditional to Clean Fuel in A Rural Setting in Kasgani District in Uttar Pradesh - Dr. Ravi Mohan, MPH 2020-22
- 33. Contingent Valuation Studies Identifying the Willingness to Pay (WTP) or Willingess to Accept (WTA) of Private Vehicle Users to Continue to Use Private Transport Modes or Shift to Public Transport Respectively. A Systematic Review - Dr. Sunandita Sharma. MPH 2020-22
- 34. A Mixed-Methods Study Exploring Contextual Factors Influencing Tobacco Consumption among College-Going Students in Papumpare District of Arunachal Pradesh - Dr. Budi Apu, MPH 2020-22
- 35. Assessment of Quality of Life Among Covid-19 Survivors; A Community Based Cross-Sectional Study in Ghaziabad - Dr. Ridhi Rehani, MPH 2020-22
- 36. Barriers and Facilitators towards Infant and Young Child Feeding Practices among Mothers of Under 2 Years Children in High Income Group Households of Dilshad Garden Locality of East Delhi: A Mixed Method Study -Dr. Shrija Dey, MPH 2020-22
- 37. Exploratory Research to Examine the Knowledge, Attitude and Practices of Anganwadi Workers in Poshan Abhiyan as Community Health Workers in Gwalior, Madhya Pradesh, India - Dr. Himanshu Sharma, MPH 2020-22
- 38. Assessment of Physical Activity and Self-Reported Hypertension among Health Professionals in Thiruvananthapuram – A Cross Sectional Study - Mr. Amaljith A B, MPH 2020-22
- 39. Assessment of Knowledge and Practice of Menstrual Hygiene among Adolescent Girls in Dakshin Dinajpur District of West Bengal- A School-Based Cross-Sectional Study - Dr. Sudipta Ghosh, MPH 2020-22
- 40. Difference in Perceived Barriers to Reaching Physical Activity Goals Between Working Adults with Low Levels of Physical Activity and Those with High Levels of Physical Activity: A Mixed Methods Study -Dr. Aritra Basu, MPH 2020-22
- 41. Exploring the Challenges Faced by the Patients While Utilizing the Healthcare Services of Mohalla (Community) Clinics of South-East Delhi, Before and During Covid-19: An Exploratory Qualitative Study - Dr. Akansha Kumari, MPH 2020-22
- 42. An Impact Assessment of Price-Regulation of Anti-Diabetic Drug in India: Interrupted Time-Series Analysis of Drug Sales Data From Start-End Year - Ms. Dhami Manju Hyat Singh, MPH 2020-22
- 43. Burnout Among Healthcare Professionals Working in Acute Care Settings in Kolkata- A Cross Sectional Study -Dr. Anwesa Debnath, MPH 2020-22
- 44. Assessing the Pattern of Help Seeking For Common Mental Health Problems among Young Adults of 20-40 Years of Age in Kamrup District, Assam - Dr. Parinita Barman, MPH 2020-22

- 45. Assessment of Knowledge, Attitude and Practice (KAP) of Occupational Health Hazards among Leather Tannery Workers in Jajmau, Kanpur, Uttar Pradesh Dr. Varsha Chauhan, MPH 2020-22
- 46. Screen Time and Its Association with Sleep Quality among Young Adults Age 18 to 25 Years: A Cross-Sectional Study in Delhi Dr. Debarun Paul, MPH 2020-22
- 47. A Prospective Feasibility Assessment of Health Spending and Quality of Life among Men and Women with Gallbladder Cancer up to 3 Years Post Diagnosis in East India Dr. Patel Shubhangi Harishbhai, MPH 2020-22
- 48. Study to Assess Awareness of Breast Cancer Risk Factors and Practice of Breast Self-Examination among Female University Students Dr. Ekta Nagori, MPH 2020-22
- 49. Outpatient Antibiotic Prescription for Acute Childhood Ailments in Private Health Facilities: Identifying the Mediating Role of Parental Knowledge and Attitudes Ms. Baani Sodhi, MSc CR 2020-22
- 50. Association between Physical Activity and Low Back Pain among Adults in an Urban Setting Ms. Disha Angra, MSc CR 2020-22
- 51. Association of Migraine with Pre-Eclampsia among Women: A Hospital- Based Case-Control Study in Delhi Dr. Shyamashree Biswas, MSc CR 2020-22
- 52. Heat and Decisions to Perform Physical Activity in Daily Life Dr. Gina Rachel Sunil, MSc CR 2020-22
- 53. Factors Associated with Utilization of Integrated Child Development Service and Nutritional Status or Dietary Diversity among Pregnant and Lactating in Urban Poor Settlements of Delhi: A Cross-Sectional Study Ms. Sumi P Rose, MSc CR 2020-22
- 54. Influence of Functional Disability on Depression among Patients with Rheumatoid Arthritis Ms. Kopal Dixit, MSc CR 2020-22
- 55. Association between Antenatal Depression and Low Birth Weight among Recently Delivered Mothers in Nagpur, India: A Hospital Based Case-Control Study Dr. Zode Mrunali Yogeshwar, MSc CR 2020-22
- 56. Quality of Life and Financial Burden Associated with Diabetes Care Among Geriatric Patients Ms. Aayushi Ambastha, MSc CR 2020-22
- 57. Validating the Telephonic Version of Montreal Cognitive Assessment (MoCA) (Hindi) Screening Tool for the Detection of Mild Cognitive Impairment in Geriatric Patients A Cross-Sectional Study Ms. Udita Grover, MSc CR 2020-22
- 58. Swallowing Specific Quality of Life and Overall Health Related Quality of Life in Oral Cavity and Oropharyngeal Cancer Patients Post Treatment: A Hospital Based Cross Sectional Study Ms. Sreelakshmi P R, MSc CR 2020-22

Engagement of IIPH Delhi in G20 Initiative

India's G20 presidency is an opportunity to bring about a shared global future for all through its call for 'One Earth, One Family, One Future.' The health priorities under G20 Mission focus on convergence and consolidation for a resilient global health architecture through augmenting digital health tools and solutions in healthcare service delivery, strengthening cooperation in pharmaceutical sector and other affordable medical countermeasures, and building effective pandemic resilient healthcare structures.

IIPH Delhi engagement with G20 was formalised in November 2022, through secondment of 4 public health consultants to the G20 Health Secretariat, at the request of Ministry of Health and Family Welfare, GOI. These MPH graduates are alumni of Indian Institute of Public Health Delhi and Shillong and are engaged in providing technical support for the key priorities on Health Emergencies, Medical Countermeasures and Digital Health proposed by India's G20 presidency. Their responsibilities include developing Issue Notes, presentations, and other engagement materials on the three priority areas as well as drafting talking points essential for the Health Working Group Meetings. Other tasks include liaising with the Ministry's various divisions such as e-Health as well as coordinating with delegates from International Organizations (IOs), Invited Countries and member states. As part of the G20 Health Secretariat, the team successfully organized and concluded the 1st Health Working Group Meeting, held from 18th-20th January.

The G20 affords a unique opportunity for IIPH-Delhi to coordinate the ongoing work with the Health Ministry and provide young public health graduates from its Institute to gain first-hand experience on International Relations and Policy Making.



IIPH-Delhi team with members of the G20 Health Secretariat and Sir Jeremy Farrar, Chief Scientist-World Health Organization at the Health Working Group Meeting in Hyderabad



G20 team with the Director- IIPH-Delhi. Prof. Preeti Kumar

Human Resource

IIPH-Delhi consists of a team of 31 members composed of technical, program and administrative professionals, with diverse skills, expertise and experience who are engaged in academics, research, project implementation and policy and advocacy activities. The IIPH-Delhi faculty staff is a 14-member multidisciplinary team composed of Clinicians, Epidemiologists, Biostatistician, Mathematician, Social Scientist, Management Expert, Health Economist, and Health Nutrition scientist involved in creating skilled human resources in public health. Courses at the institute are taught by the in-house faculties, along with a pool of visiting professionals drawn from PHFI and other eminent institutions from the country and globally. The program and operations staff including administrative and support staff assist in institutional activities. The faculty members have been allocated to one of the following departments:

- Epidemiology, Biostatistics and Demography
- Social & Behavioural Sciences (including Health Communication and Promotion)
- Health Economics, Financing and Public Policy
- Health Services Management (including Reproductive & Child Health and Nutrition)
- Environmental & Occupational Health (including Urban Health)

List of Faculty at IIPH-Delhi

Sr.No	Name	Designation	Educational Qualification	
1.	Prof. (Dr.) Sanjay Zodpey	Director – IIPH-Delhi (April-Oct 2022) Vice President – Academics, PHFI	MBBS, MD, PhD	
2.	Prof. (Dr.) Preeti Kumar	Director – IIPH-Delhi (Nov 2022 onwards) Vice President – Health Systems, PHFI	MBBS, MSc, PhD	
3.	Dr. Shifalika Goenka	Professor & Head – Public Health Ethics	MBBS & PhD (AIIMS)	
4.	Dr. Suparna Ghosh Jerath	Professor & Head- Community Nutrition	PhD (Food & Nutrition), APD & AN (Australia)	
5.	Dr. Jyoti Sharma	Additional Professor	PhD (Nutrition), MSc (Public Health)	
6.	Dr. Anup Karan	Additional Professor	MA (Economics), PhD (Public Health Economics)	
7.	Dr. Habib Hasan Farooqui	Additional Professor	MD (Community Medicine)	
8.	Dr. Himanshu Negandhi	Project Director and Adjunct Additional Professor	MD (Community Medicine) & M. Med. (Clinical Epidemiology)	
9.	Dr. Preeti Negandhi	Additional Professor	MD (Preventive & Social Medicine) & MSc (Public Health Research)	
10.	Dr. Samiksha Singh	Additional Professor	MD (Community Medicine) PhD (Epidemiology and Population Health)	

Sr.No	Name	Designation	Educational Qualification
11.	Mr. Shomik Ray	Associate Professor	PGDBM & MPH
12.	Dr. Ranjana Singh	Associate Professor	Msc (Statistics), MPS, PhD (Population Studies) & MPH (Biostatistics)
13.	Dr. Surabhi Pandey	Associate Professor	PhD (Mathematics)
14.	Dr. Saurav Basu	Assistant Professor	MD (Community Medicine) DNB (Social & Preventive Medicine)
15.	Dr Aashna Mehta	Assistant Professor	BA, Master in Econimics, Ph.D in Economics

List of Program & Operations Staff at IIPH-Delhi

Sr.No	Name	Designation	Educational Qualification	
1.	Mr. Naresh Luthra	Senior Manager – Administration	MBA (HR), M Com & ICWA (Intermediate)	
2.	Mr. Shailesh Kumar	Manager–Finance	BSc Math (Hons.) & ICWA (Intermediate)	
3.	Ms. Tanuja Bhandari	Manager – Academic and Training Programs	BCom, PG Diploma in Advanced Business Secretaryship	
4.	Ms. Priya Chitkara	Executive Secretary to Director IIPH- Delhi and Project	BCom, MBA (Project Management)	
5.	Mr. Vaibhav Asthana	Manager – Academic and Research Administration	BA (Economics) , CDAC	
6.	Mr. Ajay Bir Singh Solanki	Senior Program Officer	Masters in Social Work, Masters in Computer and Management	
7.	Mr. Anurag Sharma	Senior Program Officer	MBA(Business Economics) in Finance, Bcom(Hons)	
8.	Ms. Kanika Oberoi	Manager - (eLearning)	Bsc, MSc (Statistics)	
9.	Ms. Bijaya Sudheer	Finance Officer	B.Com, M.com	
10.	Ms. Nikita Soni	Program Officer – eLearning	Masters in Social work	
11.	Mr. Deepak Singh	Librarian	Master of Library & Information Science	
12.	Mr. Arun Kumar	Finance Officer	MBA (Marketing and IT)	
13.	Mr. Yogesh Kumar	Senior Executive – ICT	Msc (Information Technology), MCA, MCSA	
14.	Mr. Vivekanand Tripathi	Senior Executive – ICT	DOEACC 'O' Level, BA	
15.	Mr. Braj Mohan	Office Assistant	10th Completed	
16.	Mr. Satish Kumar	Office Assistant	12th Completed	
17.	Mr. Sadhan Das	Office Assistant		

IIPH-Delhi Advisory Council Members

Sr.No	Name	Designation & Affiliation
1.	Shri. J.V.R. Prasada Rao (Chair)	Former Health Secretary, Government of India
2.	Dr. Biju Soman	Professor & Head, Achutha Menon Centre for Health Science Studies, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum
3.	Dr. Harshad P. Thakur	Professor, School of Health Systems Studies, Tata Institute of Social Sciences, Mumbai
4.	Dr. Shantanu Sen Gupta	Sr. Principal Scientist, Cardiovascular Disease Biology, IGIB Professor & Dean Biological Sciences, AcSIR
5.	Prof. Suneeta Mittal	Director & Head, Department of Obsteritics & Gynaecology Fortis Memorial Research Institute, Gurgaon, Haryana
6.	Prof. RM Pandey	Professor & Head, Department of Biostatistics, All India Institute of Medical Sciences, New Delhi
7.	Prof. David Heymann	Professor of Infectious Disease Epidemiology at LSHTM, and Head of Centre on Global Health Security at Chatham House, London
8.	Prof. Madhumita Dobe	Director-Professor (Public Health), All India Institute of Hygiene & Public Health, Kolkata
9.	Dr. Sanjay Mehendale	Director Research, PD Hinduja Hospital and Medical Research Center, Mumbai
10.	Prof. Sanjay Zodpey	President, Public Health Foundation of India, New Delhi
11.	Prof. Srinath Reddy	Founder (Past) President and Honorary Distinguished Professor of Public health, Public Health Foundation of India, New Delhi
12.	Prof. Preeti Kumar	Director, Indian Institute of Public Health - Delhi VP (Health Systems), Public Health Foundation of India, Delhi



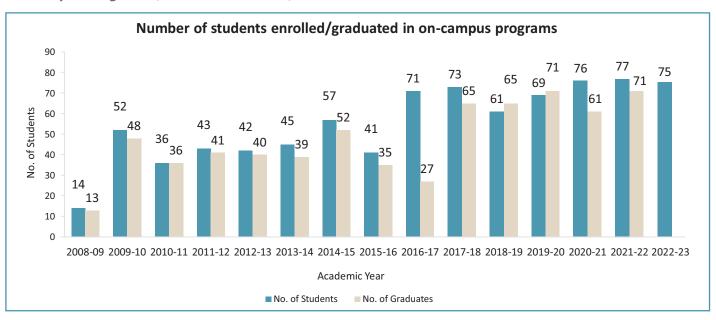
Faculty and Operations Staff with Director- IIPH-Delhi, Prof. Preeti Kumar

IIPH-Delhi Journey Since Inception

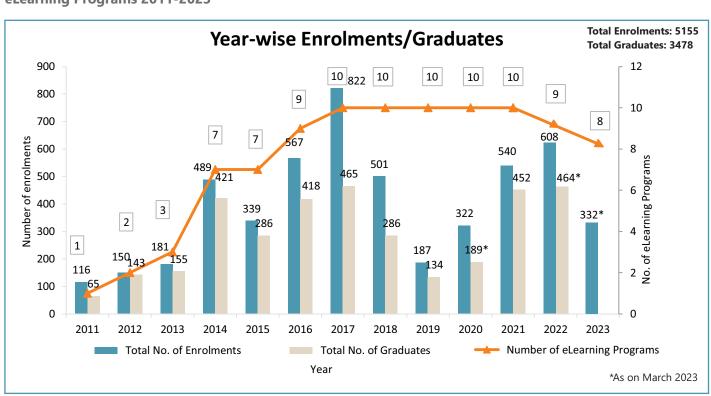
November 2008 - March 2023

Academic Programs

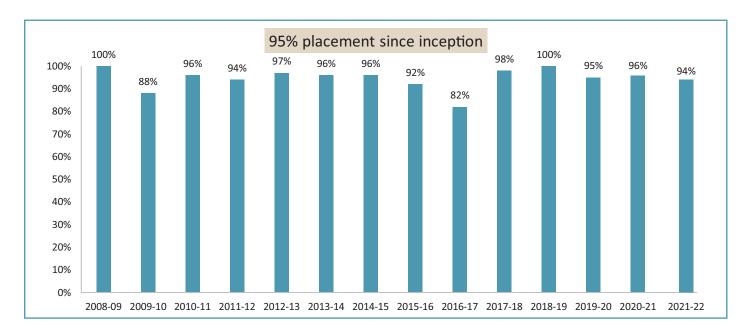
On-Campus Programs (2008-09 to 2021-23)



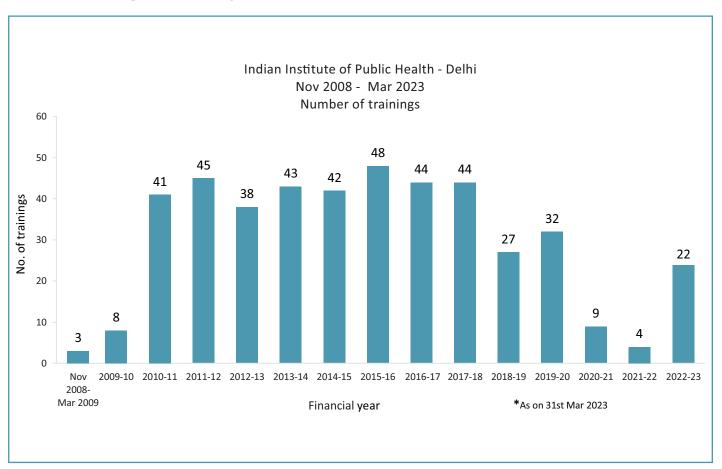
eLearning Programs 2011-2023



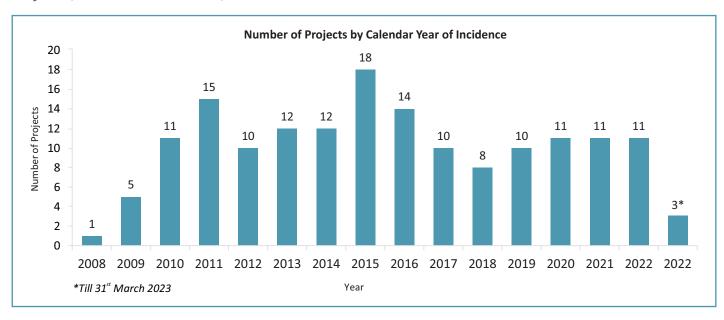
Year wise placement details of self-sponsored students



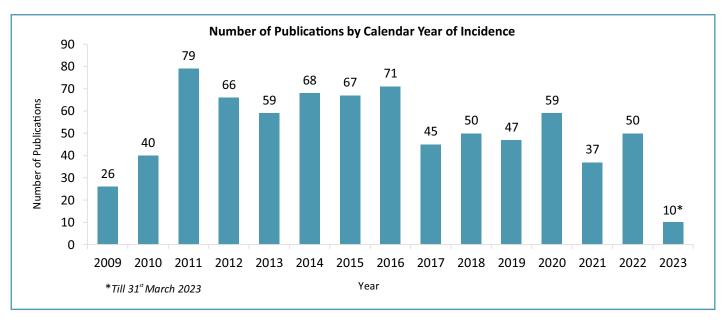
Short-term Training and Workshops



Projects (Nov 2008 to Mar 2023)



Publications (Jan 2009 to Mar 2023)



Summary: IIPH-Delhi's journey so far

- Fourteen years of existence [Nov 2008- Mar 2023]
- Graduates of on-campus programs: 664
- Funded projects: 162 (154 completed and 8 ongoing)
- Journal Publications: 774

- Short-term Training and Workshops conducted:
- **450**, Participants **10232**
- Graduates of eLearning Program: **3478** + (**333** currently enrolled)
- 95% placement since inception











Indian Institute of Public Health- Delhi Public Health Foundation of India

Plot No. 47, Sector 44, Institutional Area, Gurgaon-122002 Haryana, INDIA

New address with effect from April 2023 Indian Institute of Public Health-Delhi Public Health Foundation of India

3rd Floor, KIIT College of Engineering, KIIT College Campus Sohna Road- Mumbai Expressway Bhondsi, Near Maruti Kunj, Gurugram-122102 | Haryana | INDIA Call: +91 124 - 4722900, 6730130, +91 9810829675 | www.phfi.org