

**SIR 2022-2023**

12<sup>th</sup> STATE OF INSTITUTE REPORT 2022-2023

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2022-2023

Ph.: 011 30418900, 011 45795308 | Fax: 011 30418909

email: [info.delhi@iihmrdelhi.edu.in](mailto:info.delhi@iihmrdelhi.edu.in) | website: [www.iihmrdelhi.edu.in](http://www.iihmrdelhi.edu.in)

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## Message from the Trustee Secretary



**Dr. S.D. Gupta**  
**Trustee Secretary**

It is with great pleasure and enthusiasm to present before you an overview of the remarkable achievements and progress made by IIHMR Delhi in the past year. I feel delighted to witness the Institute's significant contributions to the fields of education, research, and training in healthcare, hospital administration, and healthcare information technology.

IIHMR Delhi has been at the forefront of a paradigm shift in healthcare management in India. As the only standalone private institute in health management with a NAAC 'A' accreditation, the Institute has demonstrated excellence in delivering quality education. Since its inception, IIHMR Delhi has successfully graduated 14 batches of management professionals through the AICTE approved two-year Postgraduate Diploma in Management (Hospital & Health Management). IIHMR Delhi offer AICTE approved, NBA accredited full-time PGDM (Hospital & Health Management) programs, with AIU certification equating our PGDM to an MBA of Indian Universities. The Institute also hosts the Fellow Program in Management and PGCM (Logistics and Supply Chain Management) programs.

Over 1100 management graduates from IIHMR Delhi are contributing significantly to healthcare organizations and hospitals across the country, assuming various management and administrative roles in both public and private sectors.

IIHMR-Delhi's commitment to improving health standards through research is evident in its contributions to evidence-based service delivery. The Institute has conducted impactful research in areas such as maternal and child health, non-communicable diseases, urban health, and climate change. This includes various evaluations and operational research studies for government and non-governmental organizations. The dedicated team of multi-disciplinary faculty and research scholars is actively engaged in advancing health research activities.

IIHMR-Delhi serves as a learning center for continuing education and training of working staff in various national and international health organizations. The Institute's role in expanding its academic profile, collaborating with government and non-government organizations, and establishing a growing global footprint has earned accolades in recent years.

I extend my sincere congratulations to the entire IIHMR Delhi community for their hard work, dedication, and commitment to excellence. I look forward to witnessing the continued success and global eminence of IIHMR Delhi as it pursues its vision.

Wishing IIHMR-Delhi all the success in the upcoming years.

**Dr. S.D. Gupta**  
**Trustee Secretary**

## Message from the Director



**Dr. Sutapa B. Neogi**  
**Director, IIHMR-Delhi**

Welcome to the International Institute of Health Management Research (IIHMR), Delhi!

Professional education is a dynamic field. IIHMR focuses on imparting its core values – Quality, Accountability, Trust, Transparency and Knowledge sharing to its students. As an Institute, we believe that education is the passport to the future, for tomorrow belongs to those who prepare for it today. It is an investment that would pay rich dividends in the years to come.

Healthcare industry is undergoing a rapid change. The changing socio-political scenario, quantum leaps in technology, economic development, changes in epidemiology are some factors which have brought us to new horizons. Keeping this in mind, we have blended analytical insights, quantitative abilities, and real time field experience into various courses. We regularly update our courses to incorporate feedback from our alumni and industry. Our Institute has also been awarded the “Six Sigma Best Healthcare Management Institute of the year 2015” and MBA equivalence by Association of Indian Universities. IIHMR Delhi is the only standalone **NAAC “A”** accredited Institution in the health management sector.

The healthcare sector requires technical, managerial, social, and diplomatic skills. Our faculty and students, through their dedicated efforts, have strived towards this goal. Added to this, we have incorporated the dynamism of real world by having linkages to industry, government sector and business houses within and outside India. The students are exposed to the real world through summer internship, dissertation and invited national and international experts. We groom our students to contribute to the healthcare industry effectively and do justice to the profession, however challenging the role may be. Our Institute is guided by renowned experts who are members of its management board, governing board, and various committees.

IIHMR Delhi has a rich research portfolio. The Institute conducts studies which have a bearing to improve the health system, ranging from policy to programme to community. The Institute conducts evaluation studies, intervention studies and operations research for national and state government, non-government organizations as well as UN agencies such as WHO, UNICEF etc. The multi-disciplinary faculty members bring excellent combination of research competencies

that is critical to successfully carrying out evidence-driven and policy-relevant research. The core research domains include maternal and child health, non-communicable diseases, environmental health, disaster management to name a few.

The Institute is empanelled with National Health Systems Resource Centre (**NHSRC**), State Innovations in Family Planning Services Project Agency (**SIFPSA**). IIMR-Delhi is recognized as an academic partner by India Universities and Institution Network for Disaster Risk Reduction (**IUINDRR-NIDM**)

It is my pleasure to submit you our annual report, State of Institute Report for the year 2022-23.

Dr. Sutapa B. Neogi  
Director

## **About IIHMR**

### **Our Mission**

IIHMR is an institution dedicated to the improvement in standards of health through better management of health care and related programs. It seeks to accomplish this through management research, training, consultation, and institutional networking in a national and global perspective.

### **Our Core Values**

- Quality
- Accountability
- Trust
- Transparency
- Sharing knowledge and information

### **Thrust Areas**

IIHMR is engaged in policy issues, program planning and management and capacity building mainly in the health sector. It undertakes research, training, and consulting activities in following areas:

- Primary Health Care
- Health and Hospital Management
- Health Economics and Finance
- Population and Reproductive Health
- NGO Management and Networking
- HIV / AIDS Program Management and Evaluation

## **About the Institute**

IIHMR Delhi, a part of the IIHMR Society, was founded on 18<sup>th</sup> August 2008, with a mandate to focus on national and international health priorities of the country and the Asia-Pacific region. The Institute aims to play a major role in promoting academics and conducting research relevant to policy formulation, strategy development and effective implementation of policies and training and capacity development of professionals for the healthcare sector. The Institute offers a two-year full-time Postgraduate Diploma in Management with a specialization in Hospital Management, Health Management and Healthcare Information Technology. The program is approved by the All India Council for Technical Education (AICTE) and accredited by the National Board of Accreditation (NBA). The Institute has obtained approval by the Association of Indian Universities (AIU) that makes the PGDM program, equivalent to a MBA degree. IIHMR Delhi equips its students with a strong managerial and technical foundation for careers in hospital management, health care systems, healthcare quality management, health insurance, healthcare information technology, health research, business analysis and transformation.



The Institute offers another AICTE approved one-year full-time Post Graduate Certificate Management (PGCM) in Logistics & Supply Chain Management program. The Institute also offers Fellow Programme in Management (FPM), which is specially designed for individuals working in healthcare industry, government, social sector and are keen in pursuing research in the health sector. The Institute also has a one-year Executive Program on Hospital Management (EPHM) for working professionals who aspire to enhance their educational knowledge and professional growth in hospital management field. The Institute has another one-year Executive Post Graduate Diploma in Public Health Financial Management (EPGDPHFM) course which is jointly offered by IIHMR Delhi and IIHMR University for NHM Odisha personnel.

The aesthetically designed and magnificently built campus of IIHMR is in Dwarka, New Delhi. The infrastructure and the facilities are at par with international standards and meet all academic and administrative requirements. The well-lit spacious air-conditioned classrooms equipped with audio-visual facilities create an atmosphere conducive to learning. The library is equipped with the latest books, journals, and magazines of national and international standards for academic and research activities. The computer centre of the Institute is a state-of the- art facility and uses technologies to provide a competitive advantage to both its faculty as well as the students in core areas of education and research. There are provisions for adequate and well-equipped space to host national and international conferences, seminars, and workshops within the Institute. Other facilities include individual rooms for the faculty, gymnasium, tennis court, mini amphitheatre, centralized air-conditioning system and a car parking lot. The Institute also has a spacious and well-equipped cafeteria and a guesthouse for visitors and dignitaries.



## **Management Board**

### **PRESIDENT**

#### **Shri D.P. Agarwal**

Chairman & Managing Director,  
Transport Corporation India Limited,  
Gurugram, Haryana

### **TRUSTEE SECRETARY**

#### **Dr. Shiv Dutt Gupta**

Indian Institute of Health Management Research,  
Jaipur, Rajasthan

### **MEMBERS**

#### **Shri Basant Khaitan**

Managing Director,  
WMW Metal Fabrics Ltd.,  
Jaipur, Rajasthan

#### **Dr. Ashok Agarwal**

Trustee,  
Bhorukha Charitable Trust,  
Jaipur, Rajasthan

#### **CA S.S. Bhandari**

C/o S.S. Bhandari & Co.,  
Jaipur, Rajasthan

#### **Dr. Gullapalli N. Rao**

Chairman,  
L.V. Prasad Eye Institute (LVPEI),  
Hyderabad

#### **Shri Hemant Kaul**

Former Managing Director,  
Bajaj Allianz General Insurance,  
Jaipur, Rajasthan

#### **Dr. V.M. Katoch**

NASI-ICMR Chair on Public Health Research at  
Rajasthan University of Health Sciences (RUHS), Jaipur  
President, JIPMER, Puducherry,  
Former Secretary, Department of Health Research, GoI,  
Director-General, Indian Council of Medical Research,  
Jaipur, Rajasthan

**Dr. Srilaxmi V.**

(Alumni IIHMR South)

General Manager Quality, Columbia Asia Hospital Pvt Ltd.

India Management Office,

Bengaluru, Karnataka

**Dr. Indu Bhushan**

Former Chief Executive Officer,

National Health Authority and Ayushman Bharat, Govt. of India,

New Delhi

## **Governing Board**

### **CHAIRMAN**

#### **Dr. V.M. Katoch**

NASI-ICMR Chair on Public Health Research at  
Rajasthan University of Health Sciences (RUHS), Jaipur  
President, JIPMER, Puducherry,  
Former Secretary, Department of Health Research, Govt. of India,  
and Director-General, Indian Council of Medical Research

### **MEMBERS**

#### **Dr. Harshad P. Thakur**

Director,  
National Institute of Health & Family Welfare (NIHFW),  
New Delhi

#### **Dr. Shiv Kumar Sarin**

Director,  
Institute of Liver & Biliary Sciences,  
New Delhi

#### **Dr. David Peters**

Professor and Chair,  
Edgar Berman Professor and Chair,  
Department of International Health, Johns Hopkins Bloomberg School of Public Health  
Baltimore (USA)

#### **Dr. D.K. Sharma**

Medical Superintendent  
AIIMS, New Delhi

#### **Dr. Sanjay Kapur**

Managing Director,  
John Snow India Private Limited,  
New Delhi

#### **Dr. Rohit Kumar**

Assistant Professor,  
IIM, Ranchi

#### **Mr. Chander Agarwal**

Joint Managing Director,  
Transport Corporation of India Ltd.,  
Gurugram

#### **Dr. Amarjit Singh, IAS (Retd.)**

Chairman,  
RERA, Gandhinagar,  
Gujarat

**Prof. (Dr.) Mahipal S. Sachdev**

Chairman, Medical Director & Senior Consultant Ophthalmology,  
Centre for Sight,  
New Delhi

**EX-OFFICIO MEMBERS**

**Dr. S.D. Gupta**

Trustee Secretary,  
IIHMR, Jaipur

**Dr. Sutapa B. Neogi**

Director,  
IIHMR Delhi

**Dr. Pankaj Talreja**

Associate Professor,  
IIHMR Delhi

## **Academic Advisory Council**

### **CHAIRMAN**

#### **Dr. Y.P. Bhatia**

Chairman & Managing Director, ASTRON and  
Chairman, Advisory Council, Venkateshwar Hospitals,  
New Delhi

### **MEMBERS**

#### **Dr. Narottam Puri**

Advisor – Medical Operations,  
Chairman, Fortis Medical Council, Escorts Heart Institute & Research Centre,  
New Delhi

#### **Dr. J.K. Das**

Professor & Head,  
Department of Epidemiology,  
NIHFW, New Delhi

#### **Dr. Sidhartha Satpathy**

Professor & HOD, Hospital Administration,  
AIIMS, New Delhi

#### **Dr. S.B. Arora**

Professor, School of Health Sciences,  
IGNOU, New Delhi

#### **Dr. Arati Verma**

Senior Vice President, Max Healthcare,  
New Delhi

#### **Dr. Jugal Kishore**

Professor & Director,  
Dept. of Community Medicine, VMCC & Safdarjung Hospital,  
New Delhi

#### **Dr. P.R. Sodani**

President,  
IIHMR University,  
Rajasthan

## **EX. OFFICIO MEMBERS**

### **Dr. Sutapa B. Neogi**

Director,  
IIHMR Delhi

### **Dr. Sumesh Kumar**

Associate Professor &  
Associate Dean-Academic & Student Affairs,  
IIHMR Delhi

### **Dr. Nikita Sabherwal**

Associate Professor &  
Associate Dean – Training,  
IIHMR Delhi

## **Ethics Committee**

### **Chairperson**

#### **Dr. Sanghamitra Acharya**

Professor,  
Centre of Social Medicine & Community Health,  
School of Social Sciences, JNU, New Delhi

### **Members**

#### **Dr. Rashmi Sharma**

Scientist-E, Department of Science & Technology (DST), New Delhi

#### **Dr. Malati Tiwari**

Physician, Bhagat Chandra Hospital, New Delhi

#### **Advocate G.C. Shukla**

Supreme Court of India, New Delhi

#### **Dr. Joy Ganguly**

Sr. Technical Specialist,  
Public Health Initiatives, New Delhi

#### **Mrs. Preetinder Kaur Chadha**

Academician (Specific Learning Disabilities), Pune

#### **Dr. Ajay Kumar Sood**

Professor, Retired  
National Institute of Health & Family Welfare (NIHFW), New Delhi

#### **Dr. Vinay Tripathi**

Associate Professor, IIHMR Delhi

### **Member Secretary**

#### **Dr. Preetha G.S.**

Dean (Research), IIHMR Delhi



## **Collaborations**

IIHMR Delhi has signed MoU with different national and international organizations to explore various possible collaborative avenues in academic, research, training, and consultancy portfolio of the Institute. Some of the organizations with which IIHMR Delhi has signed MoU are listed below:

- The University of Edinburgh, Edinburgh, United Kingdom
- The Faculty of Medicine, University of Jaffna, Sri Lanka
- World Health Organization (WHO)
- National Health Systems Resource Centre (NHSRC)
- Association for Transgender Health in India (ATHI), Gurugram, India
- Vital Strategies India Services Private Limited, New Delhi, India
- Nen-AI-Artificial Intelligence Unit of National Entrepreneurship Network, Bangalore, India
- Mahatma Gandhi Institute of Medical Sciences (MGIMS), Sewagram, Maharashtra, India
- Care India Solutions for Sustainable Development (CISSD), New Delhi, India
- Medanta, The Medicity, Gurugram, India
- Health Care at Home India Pvt. Ltd. (HCAH), New Delhi, India
- Reevin Healthcare India Pvt. Ltd. New Delhi, India
- Trios Development Support Pvt. Ltd., New Delhi, India
- Asian Institute of Medical Sciences, Faridabad, India
- Anshu Hospitals Ltd. (AHL) “Sarvodaya Healthcare”, Faridabad, India
- Quality Care India Limited (QCIL), Hyderabad, Telangana, India
- BWell HealthTech Pvt. Ltd., New Delhi, India

## **Educational Programs and Academic Activities**

### **Postgraduate Program**

#### **PGDM (Hospital and Health Management)**

The Institute offers a two-year, All India Council for Technical Education (AICTE) approved, NBA Accredited & AIU recognised, full-time PGDM (Hospital & Health Management) equivalent to MBA program. It offers specialization in Hospital Management, Health Management and Health Information Technology, with a total annual intake of 180 students. The program aims to develop trained professional managers with requisite skills in planning, implementation, operational management, diagnosing and problem-solving, consultancy and entrepreneurship. It also empowers them with the skills required to manage hospitals and healthcare institutions in developing countries, both in public and private sectors, as well as to meet the mounting demand for quality healthcare management.

Our students have won accolades in many inter-campus and national competitions in academic as well as co-curricular activities. They have presented papers in many conferences, published in notable journals, and have won international scholarships. The Institute also encourages and supports the entrepreneurship skills of the students. The Institute also encourages and supports the entrepreneurship skills of the students. We note with pleasure that many of our alumni have risen to leadership positions of not only programmes and departments but also of organizations.



## **Other Academic Programs**

### **Fellow Program in Management (FPM)**

The Institute offers a three-year Fellow Programme in Management (FPM) for individuals working in healthcare industry, government, social sector and who are keen to pursue research in the health sector. The aim of the program is to impart skills of research and training in healthcare management to the students so that they become highly skilled and innovative researchers and teachers in the field. The FPM programme consists of two phases. The first phase of the programme involves course work, while the second phase is about the actual conduct of research work.

### **Executive Program on Hospital Management**

The one-year Executive Program on Hospital Management (EPHM) is for working professionals who aspire to enhance their educational knowledge and professional growth in hospital management field. The program aims to develop the skills of professionals to carry out different managerial roles and responsibilities in the hospitals. It orients the students towards corporate culture, situational analysis, strategic planning, and decision-making in various domains of hospital management.

### **Certificate Course - Supply Chain Management in Health Institutions in Developing Countries [three-month duration]**

## **Placement**

The Institute has a Placement Cell that works under the aegis of the Placement Committee. The Committee comprises of Associate Dean (Academics & Student Affairs), faculty representative and Placement Officer, and student representatives. The activities of the Placement Cell primarily focus on securing:

- Placements for summer training in the first year
- Placements for dissertation in the second year
- Campus placements for the outgoing students
- Networking with organisations

Large corporate and public sector hospitals, international, bilateral, and national health care organizations, and health insurance companies' approach IIHMR Delhi for qualified and well-groomed healthcare managers. The course offered at the Institute prepares graduates for exciting careers in such organizations. The students at the Institute have secured placements in reputed hospitals, healthcare organizations, consultancies, and software companies, both in the government and the corporate sectors.

Some of the organizations where our students are placed include Deloitte, Ernst & Young, PwC, NHSRC, Wadhvani AI, Artemis Hospital, ASG Eye Hospital, Yathartha Hospital, Paras Hospital, Fortis Hospital, Fortis Escort, Felix Hospital, Cognitrex Consultants Pvt. Ltd, Doctor's Alliance, Curiodigitaltx, Seva at Home, HDFC Ergo, Jhpiego, TrioTree Technologies Pvt. Ltd. U4RAD, CARPL.ai, Eye Q India, TSI, Karkinos, Max Hospital, Sarvodaya Hospital, Innovaccer Analytics, BLK-Max Super Speciality Hospital, Centre for Sight, My Healthcare Technologies Pvt. Ltd., IPE Global, Wrig Nanosysytems, Intellio Healthcare, Silvergenie, CARE India, Aakash Healthcare Tashkent, Jay Pee Hospital, Cognitio Analytics, Dr. Safehands, Rsystems, Kanvic Consulting, e Expedise and MarketXcel..

The students from the current batch have been placed in premier organizations for carrying out their summer training in the field of Hospital Management, Health Management and Health IT.

## Convocation Ceremony

On Saturday, 10<sup>th</sup> Sep 2022, the Institute hosted its Thirteen Annual Convocation for 98 graduating students. The Institute was honoured to have as Chief Guest Mr. Luigi D' Aquino, Chief of Health United Nations Children's Fund, UNICEF. The Guests of Honour were Dr Somesh Kumar, Sr Director, New Initiatives and Innovations, JHPIEGO, Mr Rakesh Kaul, Partner, Ernst & Young, India and Dr. S D Gupta, Trustee Secretary, IIHMR. Mr. Luigi D' Aquino congratulated all the students who received their PGDM (Hospital & Health Management) and those who have been conferred the PD Agarwal Gold Medal for outstanding performance. The awardees were Col. Vikram in the hospital stream, Col. Sushil Kumar in the health stream, and Ms. Saloni Chawla in the health IT stream. The Best All-Round Gold Medal was presented to Ms. Rinki Gupta from the Health stream. Prof. Sutapa B Neogi, Director, IIHMR Delhi and Dr. Sumesh Kumar, Associate Dean, Academics congratulated the newly graduated healthcare professionals. The audience included parents and well-wishers of the outgoing students, as well as representatives of collaborating Institutions who had contributed to the academic learning of the students by graciously accepting them for summer assignments and for dissertation-cum-internship. The convocation was marked with delight and ecstasy of the graduates as they moved into the new phase of their lives.



### **Guest Lectures by Industry Experts**

The Institute regularly invites experts from the health, hospital, and IT sectors to share their wisdom and experience with the faculty and students. In 2022-2023, the Institute was privileged to have the following speakers:

**Dr. Pinky Yadav**

(Title of talk: “Introduction to Health care sector with special reference to Hospital Administration”)

**Dr. Jacob Puliyl**

(Title of talk: “Overview of Public Health in India”)

**Dr. Quazi Monirul Islam**

(Title of talk: “NHFS (Public Health)”)

**Adv. Ashok Mittal**

(Title of talk: “Prevention of Sexual Harassment at Workplace”)

**Mr Abhishek Ranjan**

(Title of talk: “Career and opportunities in public health sector”)

**Dr. Santosh Moses**

(Title of talk: “Public Health”)

**Capt. Harsh Singh (Retd)**

(Title of talk: “Challenges & Opportunities of The Healthcare Sector”)

**Brahma Kumari**

(Title of talk: “Stress Free Living”)

**Dr. Shiv Shankar**

(Title of talk: “National Science Day”)

**Dr. Sariyamon Tiraphat**

(Title of talk: “Thai Health System”)

**Ms. Seema Singh**

(Title of talk: “A Business Process Management Company”)

**Dr. Ratna Devi**

(Title of talk: “A Step Towards Endometriosis Awareness”)

### **Following alumni of IIHMR Delhi were also invited to interact with students:**

Dr. Deepika Joshi

Mr. Ankit and Ms. Tamanna

Mohd. Hashmi



Ms. Drishya Pathak

Dr. Gaurav Pal Tomer



## Research

IIHMR Delhi has a vibrant research portfolio. The Institute engages in health system research ranging from community to policy level. The faculty members are engaged in research projects related to assessment, evaluation, intervention, implementation and operations research for national and state governments, non-government organizations as well as international agencies. The multi-disciplinary faculty members, with an adequate mix of medical and non-medical fraternities and strong research competencies have successfully carried out evidence-driven and program-relevant research. The focus areas for research are human resource management, strategic management and leadership, healthcare financing, health economics, healthcare marketing, health policy and health administration, public health management, hospital management and quality assurance, logistic and supply chain management, health information technology, demography/population studies, epidemiology, international health, climate change and environmental health, reproductive, maternal, newborn, child, and adolescent health, communicable and non-communicable diseases, urban and rural health, Ayushman Bharat and health and wellness centre. The Institute offers consultancy to hospitals and healthcare organizations to streamline the workflow and operations by developing Standard Operating Procedures (SOPs), providing technical assistance to the National Health Missions for making district health action plans and quality assurance.

## Completed Projects

### **Impact of Traffic on Asthma amongst School Children in Delhi**

**Funding Agency:** Central Pollution Control Board

**Duration:** April 2019 – September 2020

**Team:** Nitish Dogra & Anandhi Ramachandran

**Project Description:** Numerous studies from around the world have established that exposure to traffic causes adverse health effects particularly in children. However, there is limited evidence in the Indian context. This is particularly relevant in Delhi where the problem is compounded by high exposure and multiple sources, traffic being one of them. Thus, from scientific, programmatic and policy perspective it is essential to have a large-scale definite study on this subject. The study involved 6000 school children in Sarita Vihar ward of South Delhi involving heavy, medium, and light traffic sites with schools and residence of children near main road contrasted with schools and residence of children away from main road. Health outcomes of asthma, infections and other allergies were considered. Based on the survey, the children who were reported to have symptoms related to asthma (approx. 5% of the sample) were subjected to pulmonary function tests.

### **Healthcare Seeking Behaviour for Malaria – An Ethnographic Study of Health Service Seekers and Healthcare Providers in a Tribal Dominated District of Chhattisgarh**

**Funding Agency:** ICMR

**Duration:** Dec. 2019 – Dec. 2022

**Team:** Vinay Tripathi, Preetha GS, Satish Kumar and Sanjiv Kumar

**Project Description:** Malaria related morbidity and mortality is relatively higher in tribal-dominated states of India, including Chhattisgarh, the State which has not been covered under the Intensified Malaria Control Project. Chhattisgarh accounted for 17 percent of all malaria cases in 2017, second only to Orissa. Malaria was the main cause of deaths among children aged 1 – 15 years as well as among those who are in above 50-years of age groups and one among the six major causes of rural deaths reported in the State. Healthcare seeking behaviour among the tribal group is complex and cannot be understood from a single



lens. Tribals have a pluralistic perspective of any disease and malaria is no exception. Accordingly, the study captured the pluralistic view of tribal regarding malaria and how it influenced their health-seeking behaviour.

### **Evaluation of Pradhan Mantri Matru Vandana Yojana (PMMVY) in Uttar Pradesh**

**Funding agency:** UNICEF

**Duration:** Jan. 2022 – May 2022

**Team:** B. S. Singh, Rupsa Banerjee, and Sumant Swain

**Project Description:** The Govt of India is implementing the Pradhan Mantri Matru Vandana Yojna (PMMVY) under maternity benefit scheme across the country. PMMVY has been implemented by the State Department of Health with the State Innovations in Family Planning Services Project Agency (SIFPSA) since September 2017 in Uttar Pradesh with support of the National Health Mission. An independent evaluation was conducted with support from UNICEF to assess the success of the scheme in terms of its coverage and monetary benefits extended to the beneficiaries across the state. The study was a descriptive and cross sectional one. Mix-method approach-quantitative and qualitative research techniques were adopted to generate the required information for the study.

### **Point of Care Quality Improvement (POCQI) in Academics & Training for Public Health Professionals**

**Funding Agency:** WHO India Country Office

**Duration:** Feb. 2022 – Jan. 2023

**Team:** Preetha GS, Nikita Sabherwal, Diksha Gautam, and Neha Sahrawat

**Project Description:** POCQI- Point of Care Quality Improvement is a drive towards ending preventable mortality and will contribute to making progress towards achieving Sustainable Development Goals (SDG-3) by ensuring healthy lives and promoting well-being for all at all ages. Governments are now beginning to take an interest in ways in which Quality improvement is an important aspect especially in the implementation phase or at the point of care. Ministry of Health and Family Welfare, Government of India (GOI) is dedicated to support and facilitate various Quality Assurance Program like NQAS, Laqshya, Kayakalp, MusQan etc. with an objective to ensure access to quality health services, ensure implementation of global best practices, evidence, and policy recommendations, enhance satisfaction level among users of the Government Health Facilities and reposing trust in the Public Health System. IIHMR through this project attempted to integrate POCQI in the pre-service and in-service training of health professionals.

### **M-Health Based Neonatal and Child Infectious Disease Syndromic Surveillance and Monitoring at Childcare Centres (Anganwadis and Kindergartens) in Hyderabad**

**Funding Agency:** Department of Health Research

**Duration:** Jan. 2020 – July 2022

**Team:** Anandhi Ramachandran, Sairam Challa (AIMSR), and Anand Sengupta

**Project Description:** Anganwadi centers that take care of pre-school children are at high risk for transmission of infectious diseases as they have a population that is vulnerable to infections in a group. IDSP that addresses the issues related to infectious diseases, gets the surveillance data from PHC through the field visits of the ANMs and ASHAs. Since timeliness is critical in surveillance, our study proposes to test the feasibility of having a mobile-based Neonatal and Child Infectious Disease Syndromic Surveillance system that can provide timely alerts, promote preventive measures, and risk profiling of disease outbreaks among Under 5 population. The system will monitor the parameters according to the

‘S’ form of IDSP and track the children using Geospatial Mapping. Since private kindergartens/nursery schools (KGs) that are out of reach of IDSP network are higher than AWCs especially in the urban areas, they are also included as reporting units. GIS Mapping of the location of the reporting center (AWC and schools) and providing unique identification for the children will help in maintaining the electronic health record of the child for easy tracking and monitoring.

### **Ongoing Projects**

#### **An Implementation Research to Situational Analysis and Recommend an Improved Program Model to improve Adherence to IFA and Calcium in Selected Areas of Selected States in India**

**Funding Agency:** Nutrition International

**Duration:** May 2021- Dec 2024

**Team:** Sutapa B Neogi, Sumesh Kumar, Mukesh Ravi Raushan, and Ajeet Lenka

**Project Description:** Iron-deficiency, which is one of the most prevalent nutrient deficiencies in the world, is one of the most common causes of anemia particularly affecting young children, pregnant and postpartum women. The iron-deficiency anemia and maternal under-nutrition account for at least twenty percent of global maternal deaths. India contributes to eighty percent of the maternal deaths in South Asia. Despite India witnessing a declining trend in anaemia during 2006 – 2016, anaemia remained highly prevalent in children and pregnant women with a very little improvement among non-pregnant women. The Government of India (GoI) has been implementing two focused programs, namely, Anemia Mukh Bharat (AMB) and Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA) to address the need of comprehensive maternal nutrition and reducing anaemia. Along with this, the GoI has also initiated a calcium supplementation program. However, the coverage and compliance of both these programs for pregnant and postpartum women remain suboptimum and possess several operational challenges. The two-year study aims to systematically investigate, through Implementation Research (IR), the factors that facilitates/ enables or hinders the program pertaining to maternal nutrition, come up with mitigation strategies, and inform scale up. This two-year long IR, which is divided into three phases of formative research, designing, and implementation phase, will evaluate an improved model of implementation for improving adherence of iron and calcium supplementation, in two states of India, namely, Madhya Pradesh and Gujarat.

#### **Research Collaboration with Imperial College, London: Prevention of Epilepsy by reducing Neonatal Encephalopathy**

**Funding agency:** National Institute of Health Research (UK) under Research and Innovation for Global Health Transformation (RIGHT) Program

**Duration:** Oct 2021- Sep 2024

**Team:** Sutapa B Neogi, Rupsa Banerjee, and Anuj Kumar Pandey

**Project Description:** International Institute of Health Management Research New Delhi is a collaborator in the National Institute of Health Research (UK), Research and Innovation for Global Health Transformation (RIGHT) Program: “Prevention of Epilepsy by reducing Neonatal Encephalopathy” (UK Lead – Prof Sudhin Thayyil, Imperial College London) and is responsible for monitoring and evaluation of project activities and intervention. The research aims to test a pragmatic intrapartum care bundle, implemented in three public sector hospitals in South India, in reducing hypoxic ischemic encephalopathy among neonates. IIHMR’s role is to conduct quality monitoring of the trial in the three study sites (Vani

Vilas Hospital Bangalore, Karnataka Institute of Medical Sciences Hubli and Government Medical College Kozhikode) and to design and deliver research methodology workshops for the project staff.

**Lifestyle Intervention to Reduce the Risk and Prevalence of Hypertension among Urban Poor of Delhi: Quasi-Experimental Study**

**Funding Agency:** ICMR

**Duration:** Jan. 2021 – Jan 2024

**Team:** B. S. Singh, Pankaj Talreja and Anandhi Ramachandran

**Project Description:** Hypertension is a common but dangerous condition. High blood pressure increases risk for heart disease, stroke, kidney disease, cancer, osteoporosis, and dementia. As per National Family Health Survey-4, 2015-16, prevalence of hypertension for men and women are 14.8% and 11% respectively. However, many who are affected by high blood pressure are unaware that they have it because there are no warning signs, which is why it's called the "silent killer". In our study which is of 2 years duration, an attempt is made to assess whether environmental or lifestyle (smoking, excess alcohol, urban living, psychological stress, reduced physical activity, unhealthy diet, excess salt intake, overweight and obesity etc) factors are associated with high blood pressure in urban poor living. *Objective* is to assess the effect of lifestyle intervention on hypertension, which will be achieved through lifestyle interventions, providing information on hypertension to community through technology and promoting the use of public health facilities existing nearby and coordination with other department/program/ stakeholders working in the area, such as NGOs, etc. Expected outcomes are reduction in raised blood pressure through changes in lifestyle and with use of technology, awareness of high blood pressure education program on the primary prevention of hypertension and increase in utilization of the public health facility by urban poor in a year. In Delhi, since urban primary health centre (UPHC) provides services under National Programme for Prevention and control of Cancer, Diabetes, Cardiovascular diseases & Stroke (NPCDCS) as per NHM guidelines at facility and in the community (i.e. slum) through ASHAs i.e. community health workers so the study is being conducted in collaboration with UPHC covered under National Urban Health Mission.

**Global Immunization Learning Partner and Support to Learning Hubs for Zero Dose Vaccination**

**Funding agency:** JSI, GAVI

**Duration:** Jan. 2022 – Jan. 2026

**Team:** Sutapa B Neogi, Preetha GS, Sumant Swain, Mukesh Ravi Roshan, Pijush Kanti Kahn, Sayani Das

**Project Description:** The Global Alliance for Vaccine Initiative (GAVI) has set up a global consortium led by the JSI Research & Training Institute, Inc. (JSI) to set up zero dose immunization learning hubs (ZDLH) in Sri Lanka, Nigeria, Uganda, and Maldives. The ZDLH is expected to be a global resource to increase access to key measures, tools, and evidence, improve evidence generation and synthesis, dissemination, sharing, and ultimately improve immunization equity. We are academic partners to the JSI for the ZDLH in Bangladesh.

## **Social, Economic, Organizational and Ethical Factors Influencing Implementation and Adoption of Technology and sharing of information in Diagnosis and Treatment of Non-Communicable Diseases**

**Funding agency:** National Health System Resource Centre (NHSRC)

**Duration:** Jan 2022 – Dec. 2023

**Team:** Anandhi Ramachandran, Rupsa Banerjee, Sharbari Dutta

The objective of the study was to identify the factors influencing the adoption of digital tools (barriers and motivators) related to non-communicable diseases among healthcare professionals and the community. The study was carried out in two districts of Karnataka and Delhi states and in the union territory of Chandigarh. Stakeholders at policy, implementation and community levels and industry experts were interviewed. E-health readiness of the health centres was assessed. The acceptance of the community towards use of digital tools by the healthcare workers was investigated through non communicable disease patient exit interviews.

## **Reasons for Ambulatory Care Patients at Secondary and Tertiary Hospitals Bypassing Primary Health Centres in Rural India**

**Funding Agency:** National Health Systems Resource Centre (NHSRC)

**Duration:** Jan. 2022 – Dec. 2023

**Team:** Sidharth Sekhar Mishra, and Sumant Swain

**Project Description:** India has established a structured healthcare system that operates hierarchically, ensuring the provision of healthcare services across its wide-ranging populace. Many patients often bypass the nearest government health centre offering free or subsidized services and seek more expensive care in some other distance facilities. Patients tend to visit the secondary or tertiary healthcare facilities directly leading to overcrowding at the higher-level facilities. This study aimed to explore and identify the reasons for females bypassing primary health centres to receive care in secondary and tertiary hospitals for full-term normal vaginal delivery. To address the objectives, the study adopted a mixed-method approach and followed a case-control study design. This study was conducted in Fatehpur, Hazaribagh, Vizianagaram, Dahod, Rajnandgaon, and Baksa aspirational districts of India. This research study provides a comprehensive and insightful overview of the complex factors influencing the choices of mothers in India to bypass Primary Health Centers (PHCs) and seek delivery services directly at higher-level healthcare facilities.

## **MDP and Training Activities**

The Indian health sector faces a significant challenge in addressing the scarcity of professional managerial skills required for the efficient management of healthcare institutions. As the health infrastructure undergoes rapid expansion and new health needs continually emerge, there is an increasing demand for capacity building among human resources. This is essential to enable them to adapt to the evolving healthcare landscape. Recognizing this need, IIHMR Delhi, as a premier institution dedicated to transforming healthcare through research, training, and education, plays a crucial role in addressing these challenges. IIHMR Delhi is committed to providing continuing education and training, serving as a vital prerequisite for the development of health professionals in managerial positions. The institute conducts regular training programs to equip health professionals with the knowledge and skills necessary to navigate the dynamic healthcare environment and stay updated on advancements in technology.

With its state-of-the-art facilities and a diverse faculty comprising individuals with backgrounds in both medical and non-medical fields, IIHMR Delhi stands as a beacon of excellence in healthcare education. The institute offers a variety of training programs tailored to meet the unique needs of different health institutions. In addition to standard training programs addressing common issues, IIHMR Delhi designs customized training sessions to specifically address the unique requirements of each institution. In the fiscal year 2022-23, a total of 12 Management Development Programs (MDPs) were organized by IIHMR Delhi.

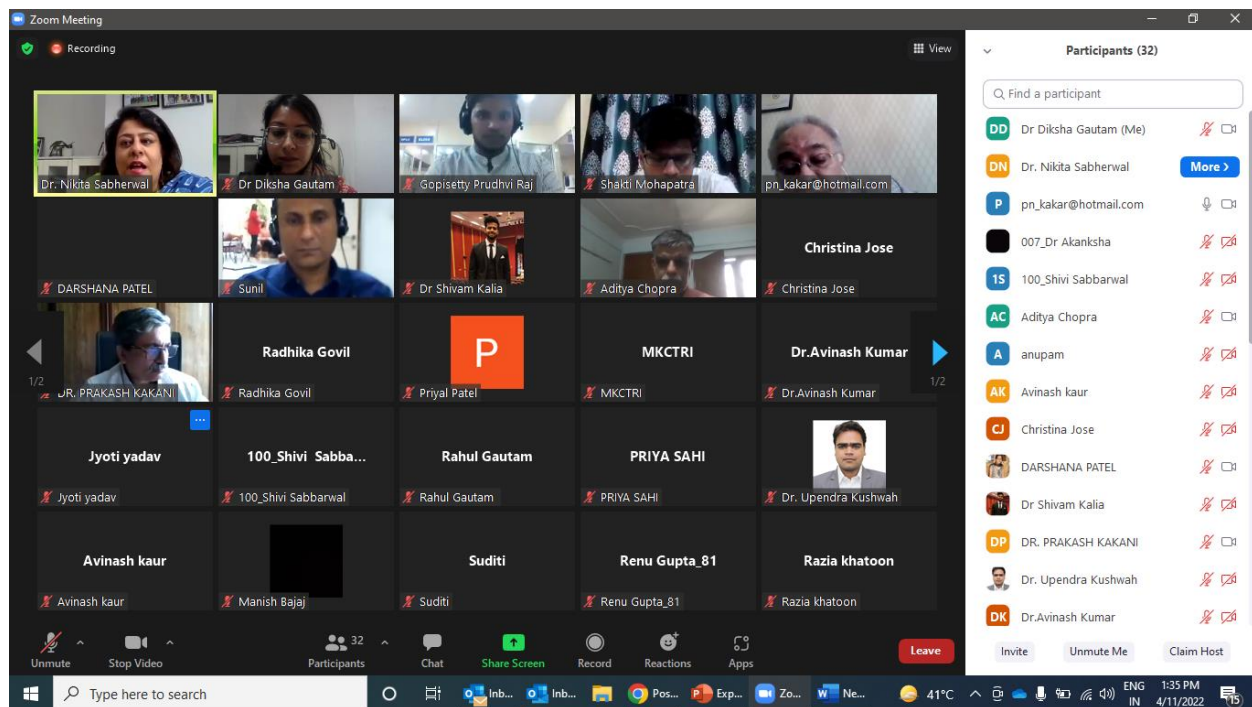
The details of these training initiatives are presented below, showcasing the institute's commitment to advancing the skills and knowledge base of healthcare professionals and contributing to the overall development of the healthcare sector.

### **Understanding Healthcare Through Quality Lens: NABH Standards 5th Edition**

*Dates: 11<sup>th</sup> - 14<sup>th</sup> April 2022*

*Coordinator: Dr. Nikita Sabherwal*

The training provided a comprehensive understanding of quality measures in the healthcare sector to 15 healthcare professionals who attended this program. The diverse group of participants, which included owners of healthcare organizations, medical and nursing professionals, and medical administrators, participated actively in sessions focused on the ten chapters of the standards. Throughout the training, emphasis was placed on practical application, enabling participants to translate theoretical knowledge into actionable steps within their respective healthcare institutions. The training program not only equipped the participants with the necessary tools to navigate NABH standards but also fostered a collaborative learning community. The exchange of ideas and experiences among participants further enriched the program, creating a dynamic and engaging educational experience. The program successfully achieved its objective of deepening the participants' understanding of NABH Standards 5th Edition. The knowledge gained during the training is expected to have a lasting impact on the participants' ability to contribute to the enhancement of healthcare quality in their respective roles and organizations.

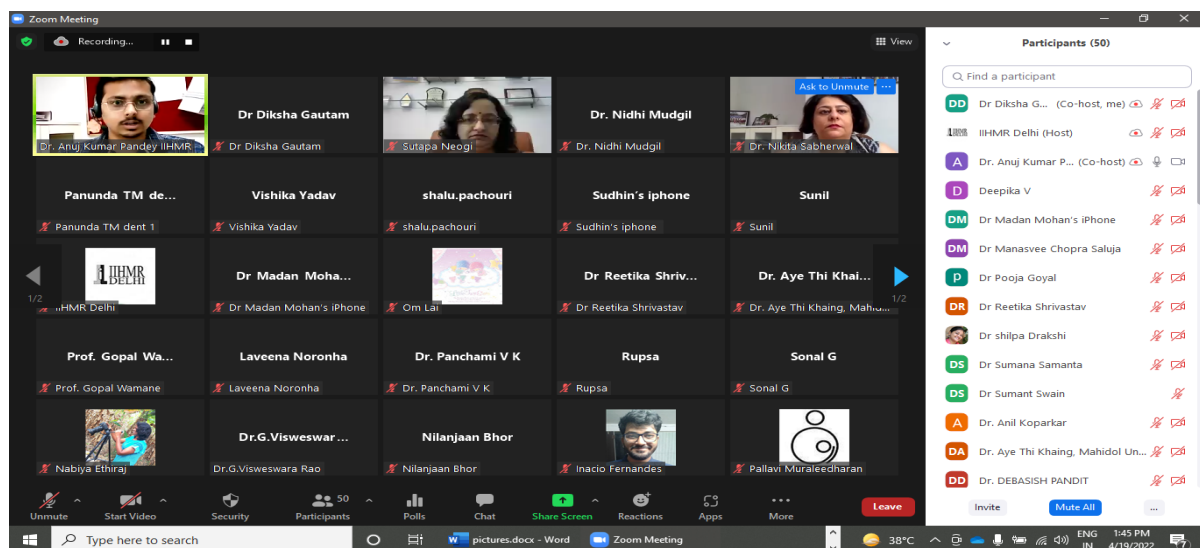


## Grant Writing Workshop, in collaboration with Imperial College London

*Dates: 19<sup>th</sup> - 22<sup>nd</sup> April 2022*

*Coordinator: Dr. Sutapa B. Neogi*

The workshop, which focused on effective grant writing, was conducted through leveraging the collaboration with Imperial College London. Almost 70 participants from different countries like India, Sri Lanka, Bangladesh, Myanmar, Bhutan, Indonesia, Thailand, and Philippines attended the workshop. Close to 40 participants from various cadre specifically Doctoral students, academicians, public health managers and researcher from various organization and institutions attended the workshop consistently. Eminent speakers from different established organization, such as, ICMR, BMGF, Liverpool School of Tropical Medicine, and Imperial College London took the session in the workshop and enriched the learnings of the participants,



## **Pilot Training on "Concepts of Leadership & Management" for Timor Leste Health Professionals, in association with WHO**

*Dates: 24<sup>th</sup> Apr - 27<sup>th</sup> May 2022*

*Trainers: Dr. Nikita Sabherwal & Dr. Sumesh*

The pilot training was conducted with an aim to equip Timor Leste health professionals with leadership and management skills. Trainers facilitated sessions focused on effective leadership in the healthcare context, emphasizing WHO guidelines and best practices. Based on the findings of Training need assessment TNA, IIMR Delhi facilitated a training program on “Concepts of Leadership & Management for Healthcare Professions of Timor-Leste” in co-ordination with World Health Organization (WHO). A short-term training program of 4 days (24-27 May 2022) was organized. A total of 34 participants belonging to the public health system holding senior positions attended the training program. Participants appreciated the training program and efforts of the facilitators. The training adopted more of practical and interactive approach in addition to theory. Group discussions, group and individual exercises, role-plays, games, and group presentations engaged the participants all through the training program.





**International Exposure cum Training Visit on “Public Health Policies and Strategies” to Bangkok, in association with Mahidol University, for NHM Odisha (2 Batch)**

*Batch 1: 20<sup>th</sup> - 23<sup>rd</sup> June 2022*

*Coordinators: Dr. Preetha GS & Dr. Sumant Swain*

*Batch 2: 4<sup>th</sup> - 7<sup>th</sup> July 2022*

*Coordinators: Dr. Anandhi & Dr. Sidharth Sekhar Mishra*

Participants from NHM Odisha were engaged in an enriching international exposure and training program, exploring public health policies and strategies. IIHMR Delhi collaborated with Mahidol University to provide insights into global healthcare practices.



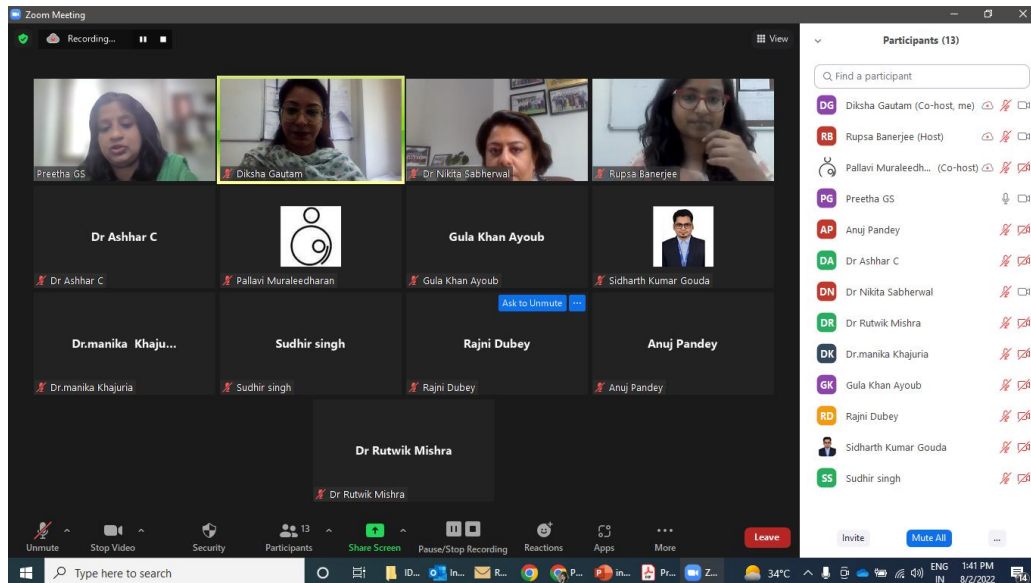


## Developing a Research Protocol for Dissertation

Dates: 2<sup>nd</sup> - 5<sup>th</sup> Aug 2022

Coordinator: Dr. Rupsa Banerjee

The training aimed at enhancing the research skills of the participants equipped the participants with needful skills required to complete their dissertation work successfully. The participants were guided through the intricacies of developing research protocols for dissertations.



## A to Z in Economic Evaluation (Basic)

Dates: 10<sup>th</sup> - 13<sup>th</sup> Oct 2022

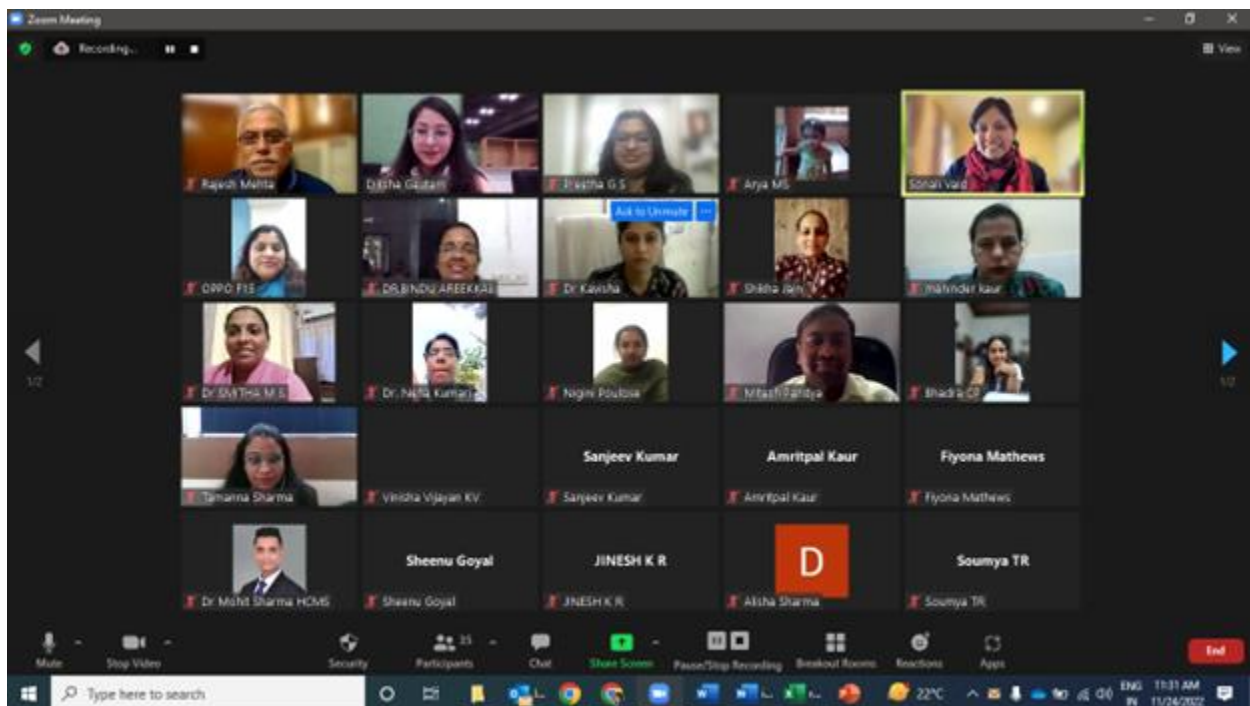
Coordinator: Dr. Sidharth Sekhar Mishra

The training provided a comprehensive understanding of the fundamentals of economic evaluation in healthcare. Participants gained insights into assessing the economic impact of healthcare interventions, a crucial skill for informed decision-making in the field.



*Coordinator: Dr. Preetha GS*

IIHMR Delhi, in collaboration with the WHO, conducted an online training program focusing on Performance-Oriented Quality Improvement (POCQI). Participants, in two batches, attended the training program. The first batch consisted of participants belonging to the National Health Mission (NHM) Gujarat, Kerala, Telangana, & Punjab states. While the second batch had participants from NHM Chhattisgarh. Participants, who were mainly public health professionals working in these states received immense benefit from this training program initiative, enhancing their skills in quality improvement methodologies.

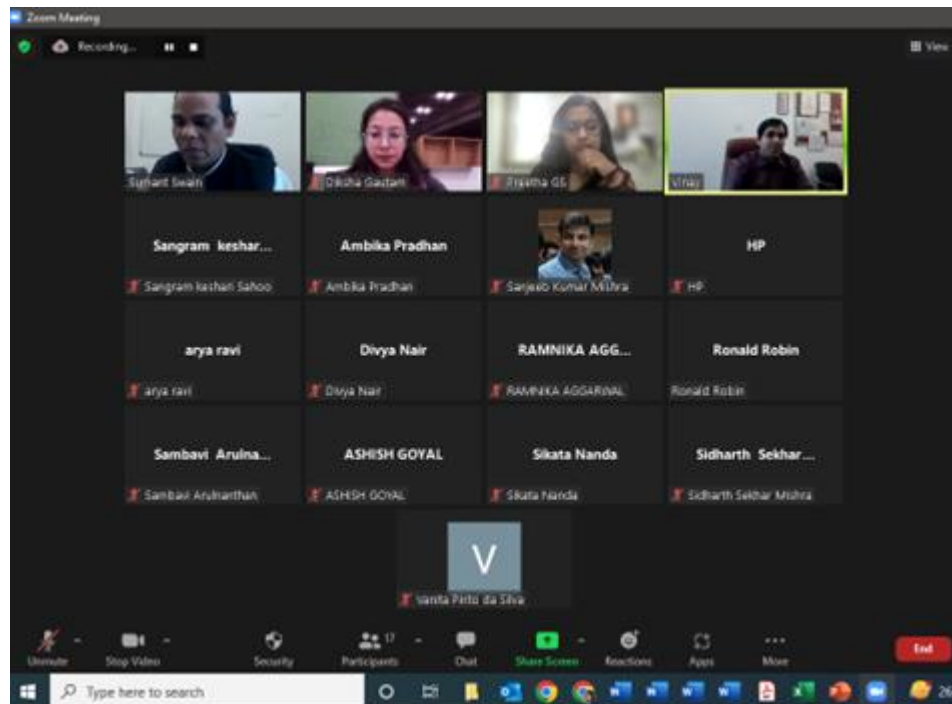


## Qualitative Research Methods & Data Analysis through ATLAS.ti

Dates: 21<sup>st</sup> – 24<sup>th</sup> Nov 2022

Coordinator: Dr. Sumant Swain

A training program on qualitative research methods and data analysis using ATLAS.ti software was organized to provide practical skills in qualitative research to the participants. The training program enabled the participants to conduct in-depth analyses of healthcare phenomena.



## Vulnerability Needs Assessment

Date: 21<sup>st</sup> Nov 2022

Coordinator: Dr. Sidharth Sekhar Mishra &  
Dr. Anandhi Ramachandran

IIHMR Delhi conducted a training program which focused on Vulnerability Needs Assessment and was funded by the National Center for Disease Control (NCDC). The training aimed at equipping participants with skills to assess and address vulnerabilities in healthcare systems.

## A to Z in Economic Evaluation (Advanced)

Dates: 9<sup>th</sup> - 12<sup>th</sup> Jan 2022

Coordinator: Dr. Sidharth Sekhar Mishra

Building on the basic economic evaluation training, Dr. Sidharth led an advanced program. Participants delved into sophisticated economic evaluation techniques, further enhancing their ability to assess the economic impact of healthcare interventions.

Zoom Meeting You are viewing Sutapa Neogi's screen View Options

Dr. Diksha Farah ICMR-NITM, Be...

Dr. Diksha Sutapa Neogi Farah ICMR-NITM, Belagavi

Recording...

# Economic evaluation for public health interventions: Case study on anemia

SUTAPA B NEOGI  
IIHMR DELHI

Participants (21)

Find a participant

- DD Dr. Diksha (Host, me)
- SN Sutapa Neogi
- A Adarshjot Kaur Toor
- Deepthi R
- DD Dr Dikshant
- DM dr manojna govindaraju
- DM Dr. Madhvi Dhamania
- F Farah
- G GOPIKA
- IB ICMR-NITM, Belagavi
- ID Indra Devi
- JK Jimmy Kagathara

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These training programs collectively aimed at enhancing the knowledge, skills, and global perspectives of healthcare professionals, contributing to the improvement of healthcare systems and practices.

## Publications

(April 2022- March 2023)

- Akanksha, Modi, N., Shaikh, N., Swain, S. (2022). An assessment of knowledge and utilisation of Mission Indradhanush at Qutub Vihar, New Delhi: A cross-sectional study. *Journal of Third Voice Studies*, 4(2), 28-33. DOI: 10.5281/zenodo.7778492.
- Chowdhury, A., Bandyopadhyay Neogi, S., Prakash, V., Patel, N., Pawar, K., Koparde, V. K., Shukla, A., Karmakar, S., Parambath, S. C., Rowe, S., & Martinez, H. (2022). Implementation of delayed cord clamping in public health facilities: A case study from India. *BMC Pregnancy and Childbirth*, 22(1). <https://doi.org/10.1186/s12884-022-04771-3>
- Khajuria M., Shankar P., Swain S. (2022). Cancer Trends in Different Zones of India. *Third Voice Studies*, 4 (2), 94-102. DOI: 10.5281/zenodo.7047132. <https://zenodo.org/record/7047132#.YzE6KExBxMw>.
- Neogi, S. B., Babre, A., Varghese, M., & Hallen, J. B. (2022). Improving the approach to assess impact of anaemia control programs during pregnancy in India: A critical analysis. *BMC Pregnancy and Childbirth*, 22(1). <https://doi.org/10.1186/s12884-022-05248-z>
- Neogi, S. B., Pandey, S., Preetha, G. S., & Swain, S. (2022). The predictors of COVID-19 mortality among health systems parameters: An ecological study across 203 countries. *Health Research Policy and Systems*, 20(1). <https://doi.org/10.1186/s12961-022-00878-3>
- Pandey, A. K., Neogi, S. B., Gautam, D., & Raushan, M. R. (2023). New realm of placenta accreta spectrum disorder: Are we doing enough? *The Lancet Regional Health - Southeast Asia*, 14, 100173. <https://doi.org/10.1016/j.lansea.2023.100173>
- Pandey, A. K., Raushan, M. R., Gautam, D., & Neogi, S. B. (2023). Alarming trends of cesarean section—time to rethink: Evidence from a large-scale cross-sectional sample survey in India. *Journal of Medical Internet Research*, 25. doi:10.2196/41892
- Pandey, R., & Tolani, H. (2023). A Bayesian perspective of middle-batting position in ODI cricket. *Journal of Sports Analytics*, 9(1), 99–108. <https://doi.org/10.3233/jsa-220640>
- Pandey, R., Bahadur Chand, D., & Tolani, H. (2023). Bayesian multiple linear regression model for GDP in Nepal. *International Journal of Statistical Distributions and Applications*, 9 (1), 9-23. <https://doi.org/10.11648/j.ijstd.20230901.12>
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- Raushan, M. R., & Jejeebhoy, S. J. (2022). Intergenerational Effects of Educating Girls on Empowering the Next Generation: Evidence from Jharkhand. *Economic and Political Weekly*, 57(52), 40–47.
- Raushan, R., Acharya, S. S., & Raushan, M. R. (2022). Caste and socioeconomic inequality in child health and Nutrition in India: Evidences from National Family Health Survey. *CASTE / A Global Journal on Social Exclusion*, 3(2), 345–364. <https://doi.org/10.26812/caste.v3i2.450>
- Samtani, R., & Sharma, N. (2023). Global DNA methylation profile in ovarian cancer patients. *Indian Journal of Gynecologic Oncology*, 21(4). <https://doi.org/10.1007/S40944-023-00757-X>

- Sheetal, S. Swain, S., Khan, Y., Tripathy, B., Malik, S.; Joshi, P., Mimansha. (2022). Prevalence and Factors Associated with Obesity in Peri-Urban Area of Delhi: A Cross-Sectional Study. *Journal of Third Voice Studies*. 4 (2), 1-6. DOI : 10.5281/zenodo.7774192
- Singh, T.; Shamabhati, Randhawa, J K.; Swain, S. (2022). Knowledge, Attitude and Practices regarding antenatal care services, its utilization and delivery practices among mothers (aged 15-49 years) in a Peri-Urban area of Delhi. *Journal of Third Voice Studies*. 4 (2), 15-20. DOI: 10.5281/zenodo.7778471
- Swain, S., & Shankar, P. (2022). Improvement of maternal and child healthcare indicators to meet the target of sustainable development goals in Odisha. *Journal of Third Voice Studies*, 4(2), 44–49.
- Yadav, N., Sodani, P. R., & Vishwakarma, G. (2023). Two parallel roads impacting the functional preparedness of accredited hospitals: The Indian Healthcare Quality Standards and Disaster Management Act 2005. *Indian Journal of Community Medicine*, 48(4), 595–600. [https://doi.org/10.4103/ijcm.ijcm\\_448\\_22](https://doi.org/10.4103/ijcm.ijcm_448_22)

## PAPERS / CHAPTERS IN BOOKS

- Neogi, S.B., Tripathi, V. & Kumar, S. (2022). Managing Severe Anemia in Pregnancy with IV Sucrose. In Sight and Life (eds) *The Promise and Progress of Maternal Nutrition in India: Special Report / Experiences from the Field*.
- Samtani R. (2023). Genetics of Male Genital Malformation. In Sachdeva, M. P., Saraswathy, K. N., & Murry, B. (eds). *Genes, health and anthropology*. Concept Publishing Company Pvt. Ltd.
- Swain, Sumant. (2022). COVID-19 Management in Odisha: Issues and Strategies. In Narottam Gaan, Sumant Swain, Dipak Kumar Dash and Mamta Khandayatray, eds., “Dynamics of Socio-Political Development in Odisha” published by Mittal Publications, New Delhi. ISBN 9789390692088. Pp 35-46.
- Tiwari, N. & Neogi, S.B. (2022). Weight of school bag and musculoskeletal pain among school children- an exploratory case study. In *Public Health Chronicles: case studies from low and middle income countries*.
- Trao Lenei, Sutapa B. Neogi. Exploration of dietary advice given by Fitness Instructors in Gymnasium in Delhi- A Qualitative Study. Accepted in *Public Health Chronicles: case studies from low and middle income countries*, 2022.

## BOOKS

- Narottam Gaan, Sumant Swain, Dipak Kumar Dash and Mamta Khandayatray, eds., “*Dynamics of Socio-Political Development in Odisha*” published by Mittal Publications, New Delhi. 2022. ISBN 9789390692088.

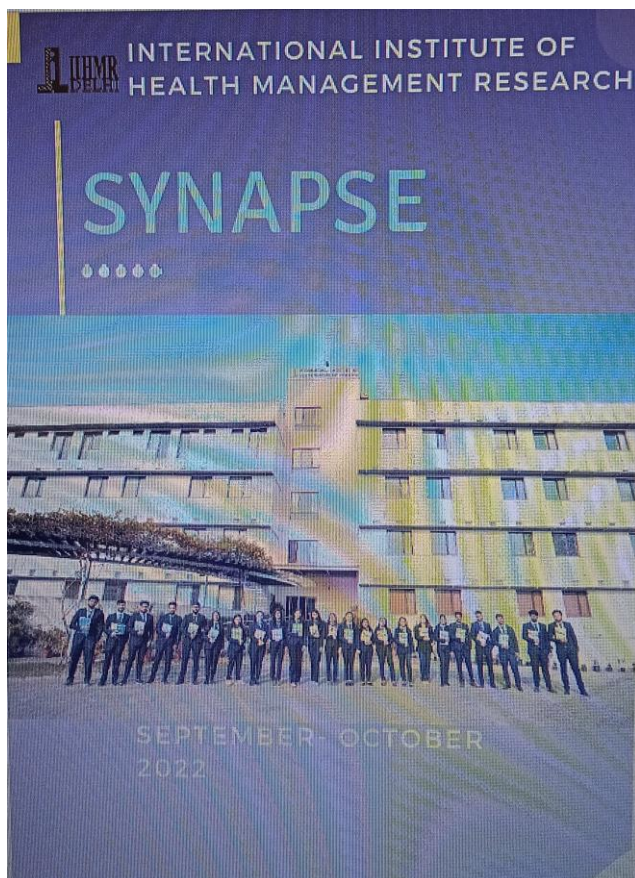


## Institute Publications

### SYNAPSE NEWSLETTER

Synapse is a monthly health e-newsletter to disseminate concise and comprehensive information on multiple aspects of healthcare. It deals with the various domains of the healthcare sector and shares its nuggets of wisdom among more than 8000 health professionals. Synapse was launched on 7th February 2009 with the efforts and expertise of students and faculty members. The term “synapse” as it depicts, is a point of connection between two nerve cells and symbolizes intersection with a network of information and professionals of healthcare. Synapse includes monthly health news, global news, recent research, review articles, upcoming events, a snapshot of the activities at the IIHMR Delhi campus, IIHMR research findings and, most importantly, articles written by IIHMR faculties, staff, and alumni. Considering the growing acceptability and popularity of social media for information sharing, the Synapse team decided to transform the newsletter into a blog that captures real-time industry updates for our readers. But because of the reader’s hectic work schedule and massive demand from them to continue Synapse in its newsletter form, it has been re-launched on 7<sup>th</sup> November 2015 in the readable format. SYNAPSE is now also available on the following link:

<https://www.iihmrdelhi.edu.in/research/publication/synapse-newsletters>



## Conferences / Seminars / Workshops

During 2022-2023, faculty members attended different conferences/ seminars/ workshops/ meetings. The same is presented below:

### Dr. Sutapa B Neogi

- Presented on “The predictors of COVID-19 mortality among health systems parameters: An ecological study across 203 countries” at Health System at Seventh Global Symposium on Health Systems Research, 31<sup>st</sup> Oct-4<sup>th</sup> Nov 22; Bogota, Columbia.
- Attended, as a panelist, National Roundtable Summit on Health System Strengthening, organized by ECHO India and National Institute of Health and Family Welfare- New Delhi; 11<sup>th</sup> January 2023
- Attended, as a speaker, conference on Women in S&T and S&T for Women; at Vigyan Utsav as a part of Azadi Ka Amrit Mahotsav; State Science & Technology Programme (SSTP); 7<sup>th</sup> March 2022
- Attended, as a resource person, a webinar on Biomarkers in Medical Research and Systematic Review Of Available Evidences, 28<sup>th</sup> Feb 2022; Regional Occupational Health Center (S), National Institutional of Occupational Health, Bangalore.

### Dr. Nidhi Yadav

- Attended the Health emergencies in large population (HELP) course workshop organised by national committee for the Red Cross (ICRC)- March 20<sup>th</sup> - 23<sup>rd</sup> 2023, Geneva, Switzerland
- Attended National platform for Disaster Risk Reduction (NPDRR) on 10<sup>th</sup> & 11<sup>th</sup> March 2023 at Vigyan Bhawan, New Delhi

### Dr. Sumant Swain

- Completed “*Flagship Course on Health System Strengthening and Sustainable Financing 2022*” from 12<sup>th</sup> - 17<sup>th</sup> December 2022, organized by the India Health Systems Collaborative (IHSC), and Harvard T.H. Chan School of Public Health, Harvard University.
- Completed “*Public Health Policies & Systems in Thailand: Planning and Management Strategies*” from 19<sup>th</sup>-24<sup>th</sup> June 2022, organised by the Faculty of Public Health, Mahidol University, Bangkok, Thailand.
- Completed FDP on Grant writing from 19<sup>th</sup> - 22<sup>nd</sup> April 2022 organized by IIHMR Delhi and Imperial College London.
- Completed FDP on Incorporating Universal Human Values in Education organized by AICTE from 22<sup>nd</sup> - 25<sup>th</sup> August 2022.

### Dr. Rupsa Banerjee

- Delivered oral presentation on "External quality audits in large multicentric trial" in online webinar of the South Asian Federation of Obstetricians & Gynaecologists (3<sup>rd</sup> July 2022).
- Delivered guest lecture on "Improving research outcomes by external quality audits – learnings from PREVENT study" at the 55<sup>th</sup> Annual Scientific Conference of Sri Lanka College of Obstetricians & Gynaecologists in Colombo (30<sup>th</sup> Sept - 2<sup>nd</sup> Oct. 2022).
- Attended the 3<sup>rd</sup> International Meeting on Teaching Epidemiology at the University of Zurich on a fully funded scholarship (11<sup>th</sup> - 12<sup>th</sup> January 2023).



- Delivered guest lecture on "Qualitative research methods" at the pre-conference workshop of IASSH at Sharda University (13<sup>th</sup> March 2023).
- Resource Person (National Trainer) for State TOT programme - Mental Neurological and Substance use Care for Community Health Officers and Staff Nurses, conducted by NHSRC (26<sup>th</sup> - 29<sup>th</sup> July 2022).
- Participated in meeting on Public Health Management Cadre conducted by NHSRC in New Delhi (21<sup>st</sup> October 2022).
- Attended online training workshop on "Leadership training program of skilling professionals in assessing, detecting and managing mental disorders" by IIHMR University & University of Manchester (Nov-Dec. 2022).

#### **Dr. Mukesh Ravi Raushan**

- Presented a paper on “Double burden of diet intake: an analysis of metabolic complication indicator among women in India” in 43<sup>rd</sup> Indian Association for the Study of Population (IASP), on “*Population, Nutrition, Health and Development: Experiences and Challenges*”, 1<sup>st</sup> -3<sup>rd</sup> December, 2022 organized by Mohanlal Sukhadia University [MLSU], Udaipur Rajasthan, India.
- Presented a paper on “Are education and income a predictor of poor mental health at later age: An analysis of cognition and mental health disorders in India” in International Conference of Indian Association for Social Sciences and Health on “*Contextualizing Health in Social Sciences: Global and National Perspectives*”, 15<sup>th</sup> – 17<sup>th</sup> March, 2023, organised by the Sharda School of Humanities and Social Sciences, Sharda University, Greater Noida, Uttar Pradesh, India.

#### **Dr. Ratika Samtani**

- Invited as a Resource person for delivering a session on Social and Environmental Determinants of Health for TDR MPH Implementation Science funded by WHO on 22nd-23rd Feb 2023 at IIHMR University.
- Chaired a session on Biological Anthropology at International Conference & Pre-Congress of “UIAF World Anthropology Congress” Rescripting the Anthropocene: Health, Happiness and Hope which is being held from 11<sup>th</sup> -13<sup>th</sup> January at University of Delhi

#### **Dr. Himanshu Tolani**

- Attended a workshop on "Applications of GIS in Public Health". Organized by Department of Community Medicine & SPH, PGIMER, Chandigarh in collaboration with Association of Health Systems Analysis and Strengthening (AHSAS), Chandigarh from 24<sup>th</sup> – 26<sup>th</sup> March , 2023.

## Other Activities at IIHMR Delhi

### Foundation Day

The Foundation Day, “Aadhar”, commemorating the foundation of the Institute was celebrated on 18<sup>th</sup> August 2022. Dr Y. P Bhatia, Chairman Advisory Council, Venkateshwar Hospital, Dwarka graced the occasion as Chief Guest. The function witnessed a scintillating cultural and musical feat by the students. Awards were presented to the students for their involvement in a variety of extracurricular activities like rangoli, skit competition, etc. Faculty members were also felicitated with awards for their distinguishing academic and research publications.



### Blood Donation Camp

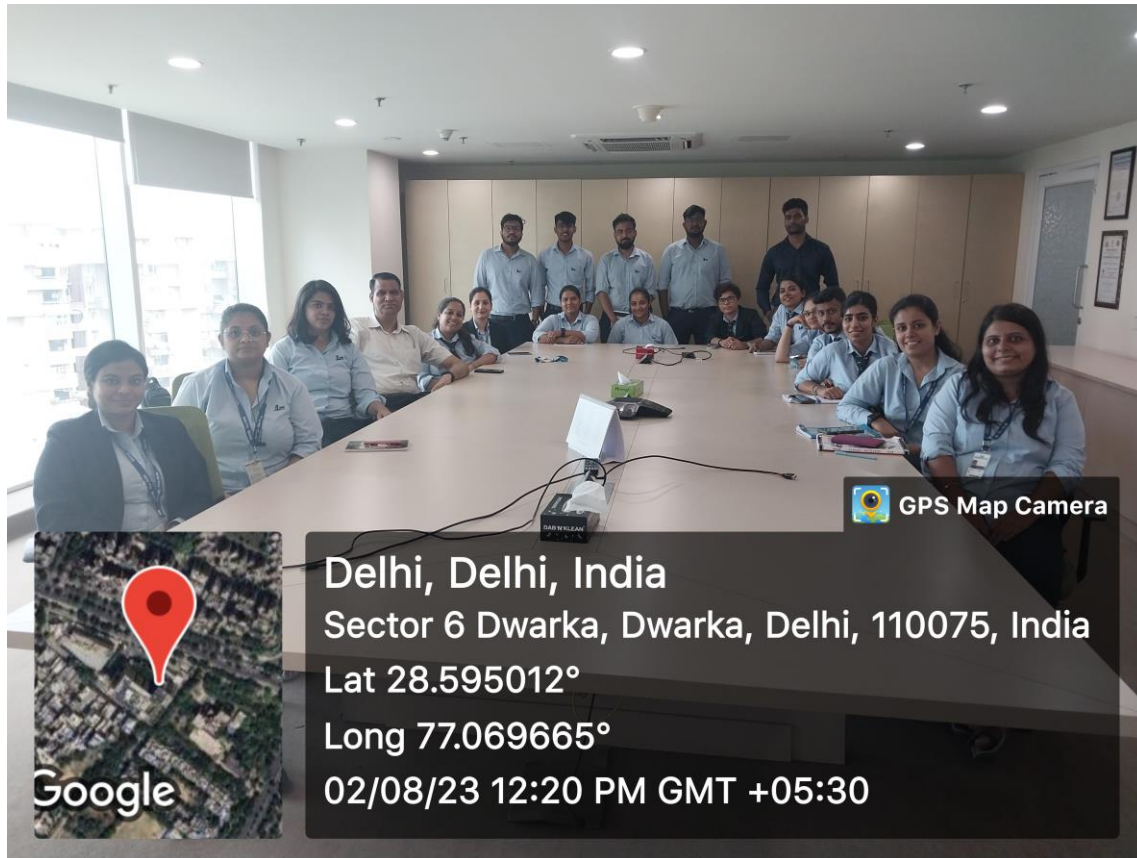
Our esteemed founder, Late Shri P.D. Agarwal, founded several eminent groups like TCI, ABC India, GATI and Bhoruka. He was catalyst in bringing about many noteworthy changes in numerous sectors that even today have a positive impact on the country and our society. He is regarded as the founder of the Indian transport industry. His contribution to our society extends beyond transport to spheres such as education, health care and women empowerment. One of his early initiatives to deal with the issue of scarcity of blood during the early eighties is one such example. September 17 is the death anniversary of

this incredible persona, and in his memory, we observe a Blood Donation Drive on this day every year. In the year 2022, IIHMR Delhi campus alone accomplished collecting 45+ units of blood during this drive.



## Field Visits

As part of the academic activity, field visits were organized for the students. During 2022-2023, student visited different organizations, such as, Indira Gandhi Hospital, Dwarka; Rajiv Gandhi Cancer Institute & Research Centre, Delhi; Asian Hospital, Faridabad; and ESIC Basaidarapur hospital.



## Extension Activities

During 2022-2023, following health days were observed at IIHMR Delhi:

- World Leprosy Day
- International Women's Day
- World TB Day
- World Health Day
- No Tobacco Day
- World Environment Day
- World Population Day
- World Mental Health Day



As part of these health days, webinars, quizzes, street plays, etc. were organized. Students, faculty, and staff members actively participated in these activities.



## Alumni Meet

IIHMR Delhi organized an alumni meet on 25<sup>th</sup> February 2023 at India Habitat Centre, Delhi. Dr. Sutapa B. Neogi Director, IIHMR Delhi addressed the gathering and emphasized upon the importance of alumni coming back to their alma mater. Students of the ongoing batch had organized a cultural event. The meeting concluded with a grand network dinner.



## Yoga Day

IIHMR Delhi organized a Yoga Day on 21<sup>st</sup> June 2022. On this significant day, the Director, Faculty, Staff and Students of IIHMR Delhi were guided through a Yoga practice session at the IIHMR campus to nurture their body and mind.



## Self Defense Training

IIHMR Delhi organized a Self Defense Training session for its staff and students on 17<sup>th</sup> March 2023. It was really one of its kind as there was constant focus and emphasis on the concept of woman empowerment by the Delhi Police team. The session required to sensitize female students to self-protect themselves everywhere in the world.

## **Community Outreach Programme**

IIHMR Delhi Community Outreach Programme started in Goyla Dairy, South-west District, New Delhi after obtaining approval from the Directorate General of Health Services, Govt. of NCT of Delhi on 04<sup>th</sup> February 2022. The community outreach programme aims to develop a connect between future health management professionals and the community. It intends to enable students to identify and manage key individual and community health needs. The programme not only facilitates imparting hands-on experience to the students but also facilitates learning of skills beyond the four walls of an institute and serves as a platform to hone the skills of students. The Goyla Dairy area is a peri urban area covered an approximate population of 55000. The health care needs are catered by two Aam Aadmi Mohalla Clinics (one in Goyla Khurd and other in Qutub Vihar), one urban PHC, one TB clinic and one leprosy clinic. A group of 21 ASHA workers act as an interface between the community and health services, catering to needs related to comprehensive primary healthcare of the populace. There are two medical officers in UPHC and two in each Mohalla clinic. The TB clinic and leprosy clinic are managed by Damien Foundation India Trust (DFIT) in Qutub Vihar. The students who are enrolled in the PGDM course are getting good exposure to field-based practicum training and is strengthening student's skills in terms of following skillsets:

- establishing communication with various stakeholders including medical officers, health care functionaries and community;
- orientation on different national and state health programs;
- eliciting information from beneficiaries through formal and informal interactions and interviews on a particular topic;
- use of technology to collect, manage and analyze data;
- organizing events at community level for a specific purpose such as general health checkup, screening of diseases, dissemination of health related messages;
- liaising with care providers, beneficiaries, management team and decision makers; and
- conducting periodic reviews of specific health programs with reference to health, hospital and health IT management to understand the process of health management information system.

During 2022-2023, eleven visits were organized for students of IIHMR Delhi.





## Faculty

### **Dr. Sutapa Bandyopadhyay Neogi**

**Director**



Dr. Sutapa B. Neogi is a dynamic public health specialist and presently the Director of International Institute of Health Management Research (IIHMR), Delhi. She is an MBBS from Nil Ratan Sircar Medical College, Kolkata; MD in Community Medicine from Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh and Diplomate of National Board (DNB) in Maternal and Child Health. Her academic credentials made her the recipient of the prestigious Kataria Memorial Gold medal as the best outgoing student of PGIMER Chandigarh in 2001. She has a rich experience in public health and is particularly interested in implementation of epidemiological and clinical research based projects centered

around Maternal and Child health, and those with great relevance to national policies and programmes. She has authored several research papers and is a reviewer of many national and international journals. She is an associate Editor of BMC Pregnancy and Childbirth. She offers her technical services to various academic and research bodies in the country including WHO SEARO, Ministry of Health and Family Welfare, Save the Children, Jhpiego, Nutrition International, Norwegian Indian Partnership Initiative (NIPI), to name a few. Her goal is to mentor students and young professionals who can be the change agents in future; those who can see through problems- directly or indirectly impacting health, explore them scientifically, and engage in advocacy. She seeks to nurture researchers and bring people together who could be effective linkages between disciplines (e.g. engineering and medicine, social science and medicine), generate synergy between research and programs and promote interdisciplinary research in the country by leading and being a part of an able team.

### **Dr. Preetha GS**

**Professor & Dean Research**



Dr. Preetha G S is an Associate Professor in IIHMR. She did her MBBS from Government Medical College, Trivandrum and MD in Community Health Administration from the National Institute of Health and Family Welfare, New Delhi. She has more than two decades of experience in the health sector across clinical, programme management, training and research domains. She has led many research projects in public health – quantitative and qualitative, funded by national and international agencies. She has also published articles in national and international journals. In her earlier assignments, she has worked with Ministry of Health and

Family Welfare (MoHFW) Government of India; NIHFW and United Nations Development Programme in various capacities.

### **Dr. Sumesh Kumar**

**Associate Professor and Associate Dean (Academic & Student Affairs)**



Dr. Sumesh Kumar is working as assistant professor in health economics. He holds M.A., M. Phil and Ph.D degrees in economics and MBA degree in finance. During over 14 years of working experience, he worked with different organizations and is well versed in industry projects, practical implications of economic theories, methods of data collection and analysis, designing of curriculum, institute/university administration and analyzing government policies for economics and industry. He has published various articles and research papers in economics and management. He has been a key speaker in the soft skills programs

and attended many MDPs/FDPs. He has also presented research papers in various international conferences.



**Dr. Ekta Saroha****Associate Professor & Dean Training**

Ekta Saroha is a Doctor of Public Health from the University of Alabama at Birmingham with over 20 years of experience in implementing public health programs in India. As a seasoned Epidemiologist and Social Scientist, she is passionate about applying quantitative research methods to address health disparities. Dr Ekta has extensive experience in teaching and training health professionals in study designs, hypothesis testing, statistical methods, data analysis, and scientific writing. Her publications in international and national peer-reviewed journals focus on infectious diseases epidemiology and health disparities. Ekta is a keen learner; she completed her master's in Social Work from Jamia Millia Islamia and bachelor's in Geography from Miranda House. She has basic competence in creative writing and basic fluency in Spanish. Ekta is now on a journey to master data science and artificial intelligence to maximize her impact in public health. Ekta is a fitness enthusiast who has spotted many hidden gems while trekking in India and abroad.

**Ms. Divya Aggarwal****Assistant Professor & Associate Dean- Admissions & Accreditations**

Divya has graduated from Delhi University in the field of Instrumentation. After that, she did her M.B.A specializing in Human Resources and Finance from Guru Gobind Singh Indraprastha University, Delhi. She has more than 15 years of Academic and consultancy experience and has diverse knowledge of the corporate world. Divya is an expert on long-term success. For the past decade she devoted her energy to the investigation of long-living corporations - how they grow, adapt, and consistently beat their competitors. Under her supervision, nine post graduate students carried out research work in the area of Zoonoses which was funded by international organization. She had carried out research project on workload assessment of ANMs funded by UNICEF and has carried out various projects related to strategy and HR viz., strategy evaluation, workforce planning, competency mapping, talent retention strategies at the corporate level. She conducted Attitude Survey of Employees of Hongkong & Shanghai Banking Corporation (HSBC Bank Ltd) on 16 parameters on All India Basis and made Action Plan. She has conducted various trainings and workshops on areas related to Organizational behavior in various organizations and b-schools. Besides this, she has written various research papers in the journal of national and international repute.

**Dr. Pankaj Talreja****Associate Professor & Controller of Examinations**

Dr. Pankaj Talreja is an Assistant Professor of Healthcare Finance at the International Institute of Health Management Research, New Delhi. He received his Post Graduate Diploma in Hospital Administration from Institute of Management Studies, YMCA, New Delhi in 2001. Since then, he has been in various supervisory roles and was also part of National Oral Health Programme. After his ten-year illustrious career, Dr. Pankaj decided to pursue his passion for Healthcare Finance, which earned him a Master of Business Administration from UPTU, Lucknow. He has also been recognised as a "Master Teacher" by Indian School of Business (ISB), Hyderabad, in 2015. His key area of interest is Healthcare Finance.

### **Ms Nikita Sabherwal**



**Associate Professor & Associate Dean (Training)** till Dec. 2022

Ms Nikita Sabherwal is a Healthcare Administration & Healthcare Quality professional with over 20 years of work experience across corporate healthcare. By qualification, she is a MHA, MBA, and M.Phil and a PhD Scholar in Healthcare Management. She has also done Advance Quality Management from IIM, Ahmedabad (2010) In healthcare quality she is a NABH assessor, JCI trained and ISO lead Auditor. Some of her key associations has been with Indraprastha Apollo, Max Health care, Fortis Healthcare, Medfort Healthcare and Asian Institute of Medical Sciences, INLEAD, Medifriend Healthcare, Yuva Healthcare. She has an extensive experience in training and development. The key focus areas have been Medical operations, Healthcare Quality, Setting up new ventures, HR Management, Business Development, Process mapping.

### **Dr. Anandhi Ramachandran**

**Professor**



Dr. Anandhi graduated from Dept. of Physical Chemistry, University of Madras and has post doctoral research experiences in Dept. of Civil Eng. IIT, Madras and in Lab of Membrane Biophysics & Biochemistry, NIAAA, NIH, Rockville, USA. She has various other degrees like PGDBM (Par MBA) degree with Information System Specialization, PGDCM and currently pursuing DOEACC IT 'B' level (Par MCA) in addition to holding various other certificates in oracle/ D2K (USA), Visual C++ (ICS, Scranton USA), Adv Java , UML through Rational Rose, Software Testing etc. She has been involved in many projects related to Information technology and diseases like TB and Malaria using bioinformatics techniques and guiding students for their postgraduate and MPhil degrees. Prior to joining IIHMR she was working with DOEACC, an autonomous body of DIT, Govt. of India for imparting IT and bioinformatics courses for 6 years. She was involved in imparting academic training to both students as well as corporate officials as a senior faculty and course coordinator. She also has professional experience in IT Industry for nearly 5 years at various levels from a developer to product manager and was involved in developing biomedical and commercial softwares and was one of the founder member of the start-up company AASMAM. She is also a graduate member of AIMA, Lifetime member of Surface Society of India and CSI and a member of HIT Forum. She has the distinction of being invited as special guest speaker at Whitehouse Biotech Carnival 2009, Kathmandu, Nepal and trained at ICGEB in "South East Asian Training course on Bioinformatics Applied to Tropical Diseases" sponsored by WHO-TDR. Her current research interest includes development of HIMS, open-source database development & data mining related to health, Geriatric Health Survey, Utilization of bioinformatics tools in the area of nutrition survey and nutrigenomics, implementation of health information technology in public hospitals and Mobile E-health Surveys.

### **Dr. Punit Yadav**

**Professor**



Dr Punit Yadav MBBS, MD Hospital Administration has been a healthcare professional with an extensive experience of over 35 years' in Healthcare management & academics. He has provided strategic direction in hospital operations & quality systems for a 449 bedded hospital & a group of hospitals/health establishments. He has participated in quality assurance activities within the department and institutional team for audit by NABH. He has been associated with Academia for post-graduates, graduates and paramedical staff in health and hospital administration. He conceptualized, developed and managed research initiatives designed to improve health care systems. He has provided governance & health leadership for medical, nursing and paramedical staff in his span of career in varied institutions. He led

implementation of various projects/ assignments in different verticals within the healthcare segment, including disaster management, CBRN response, hospital project management, pharmaceuticals/medical devices supply chain. He has a strong work ethic & values imbibed from his Armed Forces experience.

### **B S Singh**

**Associate Professor**



Dr B. S. Singh is a demographer and monitoring & evaluation specialist. He obtained Ph.D in Population Studies and Certificate Course in Population Studies (CPS) from the International Institute for Population Sciences, Mumbai. He has completed Certificate Course in Planning and Management Information Systems from Management Sciences for Health (MSH), Boston, Massachusetts, United states of America. He has worked in several large-scale project supported by USAID-India in the area of Maternal, New Born, Child Health, Family Planning and Urban Health from 1995 to 2013. He has carried out more than 200 research project, including National Family Health Survey-4 of Madhya Pradesh and Rajasthan, LASI Chandigarh and Punjab supported by the Ministry of Health & Family Welfare, GOI, New Delhi. Prior to joining IIHMR, New Delhi, he worked as Project Director in Health of the Urban Poor project implemented by IIHMR, Jaipur, Deputy General Manager (Research & Evaluation) in State Innovations in Family Planning Services Project Agency (SIFPSA), Lucknow, Assistant Director in MAMTA- Health Institute for Mother & Child, New Delhi and Head-MIS & System in Deepak Foundation, Vadodara. His areas of interest are program planning, monitoring & evaluation, health survey research and project management. In addition to several research publication, he has also published a book “Methods for estimating demographic parameters at sub-national level”.

### **Dr. Nishikant Bele**

**Associate Professor**



Dr. Nishikant Bele is an Associate Professor in the area of Information System. He has received his MCA from Amravati University Amravati, Maharashtra and Doctorate in Computer Science from Utkal University, Bhubaneswar, Orissa. Dr. Nishikant has over 16 years of experience in teaching, training, administration and research with prominent organizations. He is a SAP certified ERP Solution consultant. He had published research papers in various journals of international repute and has attended and presented papers in many international and national conferences. Dr. Nishikant Bele has conducted MDP for Uttar Pradesh Police on Computer Competency. His areas of interest are: Business Intelligence, ERP, Data Modeling & Database Designing, Data Analysis through MS-Excel, Web and Text Mining.

### **Dr. Vinay Tripathi**

**Associate Professor**



Dr. Vinay has received his academic training in the discipline of Anthropology and obtained Masters, M.Phil., and Ph. D from University of Hyderabad. Before joining IHMR-Delhi, he was working with IHMR-Bangalore. With more than fifteen years of experience in the field of research and development, he has coordinated and evaluated different projects in health, climate change, water and sanitation, education, and rural development domain. With sound understanding of both qualitative and quantitative research methods, he has been instrumental in developing various research grants and proposals. He has presented papers in national conferences and published papers.

**Dr. Nidhi Yadav**  
**Associate Professor**



Dr. Nidhi Yadav is a doctorate in Hospital Management with specialization in Disaster Management. She holds her Masters in Hospital Management with specialization in Quality Management from the prestigious Indian Institute for Health Management and Research, Jaipur along with a dual Masters in Business Administration from the Punjab Technical University. She is external assessor for the National Quality Assurance Standards by the Ministry of Health and Family welfare, Government of India. She is currently working with International Institute of Health Management Research, New Delhi as Associate Professor. Dr. Nidhi has experience of thirteen plus years in hospital operations and Quality management. She is a seasoned academician, researcher and medical quality administrator with the zeal to bring tangible changes in the way quality and disaster management is perceived and practiced in the health care industry.

**Dr. Nitish Dogra**  
**Associate Professor** (*till Aug. 2022*)



Dr. Nitish Dogra has done his MBBS and MD from University of Delhi. He has also received a Master of Public Health degree from the world-renowned Johns Hopkins University (JHU), United States. Subsequently, he has worked in several coveted institutions, including JHU, INCLEN and TERI. He had earlier served as Assistant Professor at IIHMR, Delhi from 2009-2014. In addition, he was selected for a Fulbright-Nehru Environmental Leadership Program Fellowship for 2013-14 by the United States Department of State and the Government of India. During this period, he was based at JHU as a Visiting Faculty. He convened the Understanding Climate and Health Associations in India (UCHAI) training workshop in 2015 which was partially supported by the National Institutes of Health (NIH), US Government. He has brought out the edited volume Climate Change and Disease Dynamics in India, the first such book on the topic with 28 authors across India, United States, Belgium and New Zealand. Dr. Dogra has also worked with the World Health Organization (WHO) as a consultant, temporary adviser, and project principal investigator at different points of time. In August 2014, he delivered on request, an invited commentary at the Conference on Health & Climate at WHO Headquarters, Geneva. This was the first global ministerial level meeting on the subject where he was one of three delegates from India. Besides, his innovation linking a community based air quality monitoring system with social media has been featured on BBC and Times of India, amongst other places.

**Dr. Manish Priyadarshi**  
**Associate Professor** (*till April 2022*)



Dr. Manish Priyadarshi has a M. Phil and PhD in urban health from Jawaharlal Nehru University, India; He is a passionate health professional with more than a decade of experience in Health and Health policy, Advocacy, Integrated Program Planning, Research, Documentation, Programme Implementation, Partnership Management, Technical Assistance to National and State Government and Resource Mobilization. Dr Manish started his career in health as Programme coordinator in 2007 and has worked at every level of providing solutions and leadership in Health sector. As his career progressed, he worked as Consultant (Research and Evaluation), Research Head and Director (Research and Projects) with Government, Corporate and Research Organizations respectively. Dr Manish presented papers at National and International conferences on health and allied sectors and member of Young Demographer (Rostock) and Institute of Social Research (Hamburg). Currently, Dr Manish is working as an Associate Professor (Public health) at IIHMR, New Delhi. He teaches the courses- Public health, Health Economics and Organizations Management.



**Dr. Sumant Kumar Swain**  
**Assistant Professor**



Dr. Sumant Kumar Swain has a background in social sciences and awarded M Phil and Ph.D from Jawaharlal Nehru University (JNU), New Delhi, India. Before joining IIHMR-Delhi, he has worked with NCERT, New Delhi, India. Dr. Swain has more than twelve years of experience in national health programme evaluations, operational and formative research projects using both qualitative and quantitative methods in various health and social programmes. He was a visiting scholar at the Institute of Oriental Studies under Russian Academy of Sciences, Moscow, Russia in different assignments under Indo-Russian Cultural Exchange Program by Indian Council for Social Science Research (ICSSR), Government of India. He has published one book, seven edited books and many research papers in different disciplines. His areas of interest are health survey research, implementation research, programme evaluation, project management, monitoring & evaluation, health system research, health governance and health security.

**Dr. Rupsa Banerjee**  
**Assistant Professor**



Dr. Rupsa Banerjee has done her MBBS and MD in Community Medicine from Rajiv Gandhi University of Health Sciences, Karnataka, following which she completed DNB in Community Medicine. She also received PG Diploma in Mental Health from IGNOU and Diploma in Community Mental Health from NIMHANS. Rupsa is a public health specialist with over 9 years of diverse experience in the fields of medical education, clinical and patient care, public health research, health systems strengthening, providing technical support to public health programmes and capacity building. She has contributed to the operationalization of Ayushman Bharat Health & Wellness Centres (AB-HWCs) across the country and has conducted 13 national level training programmes for the delivery of Comprehensive Primary Health Care through AB-HWCs. She was actively engaged in research priority setting for states under the implementation research for health systems strengthening (IR-HSS) platform under the National Health Mission to support research for health systems strengthening. She has been part of quality monitoring and evaluation of multicentric research projects and health programmes. Rupsa has published over 20 scientific papers in renowned national and international academic journals, authored chapters in medical textbooks and has contributed to developing several policy documents, programme operational guidelines and training modules for the Ministry of Health and Family Welfare.

**Dr. Mukesh Ravi Raushan**  
**Assistant Professor**



Dr. Mukesh Ravi Raushan is Assistant Professor at International Institute of Health Management Research, Delhi. Dr. Raushan is a demographer by training and having interest in empirical methods like causal analysis, simultaneous equation modelling and inferential statistics other than sampling design and survey research methods. His work focuses on, but not limited to, technical demography, nutrition, population and development, intervention research, process evaluation, violence, gender, adolescent, ageing and mental health. In recent years, he has written extensively on adolescent health, ageing, and survey research methods in developing countries and its linkages with critical indicators of population, health and development. Dr. Raushan has published over 18 articles, chapters and scientific reports. His expertise in monitoring, learning and evaluation; survey design and sampling; data collection techniques, data management, and data analysis is an asset. In recent years, Dr. Raushan largely worked on health & mortality, disease burden, abortion, reproductive health, high-risk group, medical anthropology, ageing, adolescent health, gender and development, and global health. For monitoring, learning and supervision, other than research, he remained resourceful on research

methodology, survey research methods, data structure, management, analysis, statistical and projection software. His area of interest are statistics, applied and technical demography, survey research, monitoring, learning and evaluation (MLE), data quality assurance, public health and policy, programme evaluations and intervention studies. Before joining IIMR-Delhi, he was associated with Longitudinal Ageing Study in India (LASI), International Institute for Population Sciences (IIPS); Situation of Adolescent, Dasra, Impact Foundation; Evidence Action, and Sigma Research. Dr. Raushan is interested in applying his research and technical expertise to provide evidence-based support to explore an unexplored area of research other than teaching and capacity building. He completed his Master and PhD in Population Study from International Institute for Population Sciences (IIPS). His doctoral work was on human capital and intra-familial relationships.

### **Dr. Sukesh Bhardwaj**

**Assistant Professor**



Dr. Sukesh Bhardwaj is an IT professional with 9+ years of work experience in Information technology domain. By qualification, he is a Ph.D. in Cloud Computing, MCA, Cisco Certified Network Associate. He has also done Global Net Plus Diploma in Systems and Networking from NIIT. He has worked at IIMR Delhi as a Senior System Analyst-IT Deptt. Head more than 7 years. He worked as an IT Coordinator in National Family Health Survey (NFHS-5) Odisha State and (NFHS-4) Chhattisgarh State under Ministry of Health and Family Welfare. He has an extensive experience in Technical Trainings, SOP Development, Systems Planning & Designing, Integration and development. He has expertise on several types of ERPs for Real-Estate, and Education industry. CRM's, Payroll and biometric Systems, Security Surveillance systems, He is also engaged in Academic Teaching and other trainings within the organization.

### **Dr. Pijush Kanti Khan**

**Assistant Professor**



Dr. Pijush Kanti Khan is an Assistant Professor at the International Institute of Health Management Research, Delhi. He is a trained demographer and health economist with a keen interest in empirical research. Previously, Dr. Pijush worked as a Senior Research Officer at the International Institute for Population Sciences (IIPS) in Mumbai. His primary areas of interest include Applied Demography, Economic Aspects of Healthcare, Maternal and Child Health, Quantitative Data Analysis, Model Specification, and Multilevel Modelling. Dr. Pijush has authored several publications in esteemed international journals such as The Milbank Quarterly, Social Science & Medicine, Tropical Medicine & International Health, American Journal of Preventive Medicine, BMC Series, and Royal Society for Public Health. These publications reflect his dedication to conducting rigorous research that addresses crucial healthcare challenges. He has extensive experience in working with Indian sample survey datasets- National Family Health Survey (NFHS), National Sample Survey (NSS), and District Level Household Survey (DLHS). Dr. Pijush obtained his M.Sc. and Ph.D. degrees from the International Institute for Population Sciences (IIPS), Mumbai. His doctoral research focused on 'Health Insurance, Healthcare Utilization, and Health Spending in India'. His commitment to empirical research, data-driven analysis, and the exploration of key healthcare issues positions him as a valuable asset in the pursuit of evidence-based solutions to enhance population health and well-being.



**Dr. Altaf Yousuf Mir****Assistant Professor**

A Medical Graduate & Postgraduate in Hospital Management from Jamia Hamdard University, New Delhi, and a Ph.D. in Hospital Management/ Management from Mahaveer Academy of Technology and Science University, MATS University, Raipur, Chhattisgarh & one-year Advance Diploma in Computer Software from IICE, New Delhi. Life member of the Academy of Hospital Administration. Editorial Review Board Member of Academy of Marketing Studies Journal. Co-Editor of the Journal of Autonomous Intelligence. More than 14 years of industry and academic experience the field of Hospital Administration / Management, Hospital Operations, Medical Administration, Clinical and Non-clinical operations, Strategic Planning and implementation, Purchase, Supply chain Management, Finance, Business Development, Cost Rationalization, P&L management, and Revenue, Consultant/Doctors Engagement, Accounting, Internal Quality Management & Audit, Inventory Management, Legal aspects, MRD, HAI's, O.T & CSSD Management, BMW, Legal aspects, Medical Equipment, and Drugs- Budgeting and Planning, Grievance Handling, Hospital Manpower Planning, HMIS system, MIS, Quality Accreditation- JCI, NABH, NQAS & NABL, Patient Safety, Risk Management, formulation of policy & procedures - SOPs. Worked for the Apollo Hospitals Group for four years. Worked as Asst. Medical Superintendent in a Hospital / Institute for more than eight years with a total bed capacity of 1400 Beds. a tertiary care multi-specialty hospital and Regional Cancer Institute attached with PT. Jawahar Lal Nehru Memorial Medical College, Raipur, Chhattisgarh, India. Besides this have attended various National & International conferences, seminars, training programs, and workshops and have presented various papers at National & International Conferences/seminars. Have written various papers in National and International Journals of repute. Have been Awarded under the GOLD and SILVER category by Skoch Foundation at the 47th Skoch Summit, held at Constitution Club of India, Rafi Marg, New Delhi. Awarded by the Honorable Health Minister of State of Chhattisgarh, Mr. T.S. Singdeoiji & Chairman of Chhattisgarh Women's Commission Ms. Kiran Mai Nayak for exemplary work in the Medical College Hospital in fighting the COVID pandemic on 23rd Dec 2021 held at Raipur, Chhattisgarh.

**Dr. Ratika Samtani****Assistant Professor**

Ratika Samtani is a Ph.D. in Anthropology from University of Delhi and was awarded the Teaching Fellowship by University of Delhi while pursuing her research. She has also cleared UGC-NET. Ratika worked as an Assistant Professor at Amity University, Noida for a span of ten years. She was also awarded the Young Investigators award by the Department of Biotechnology for her project proposal in the field of Cancer Biology. Under this, she was the Principal Investigator of the DBT funded project, "Screening and Epigenetic Profiling of Ovarian Cancer in Malwa region of Punjab" for a span of four years. She has supervised and mentored a number of doctoral students' scholars in their research endeavors. Ratika has carried out a number of research projects and published articles in the area of environmental health, pesticide toxicity, cancer epigenetics, infectious diseases, bio-social determinants of health, genetics of complex disorders, beta thalassemia, sickle cell anemia etc. She has published more than 25 research articles in national and international journals of repute and has presented papers in various National and International Conferences. She has also developed e-content modules for online learning platforms like e-pg pathshala and e-gyan kosha. Ratika also held the position of Manager-Learning and Development at NatureNurture Eduserv, where she created curriculum using a variety of pedagogical approaches (such as Bloom's taxonomy, the Theory of Cognitive Development by Jean Piaget, Howard Gardner's Model of Multiple Intelligences, and 21st century skills).

**Dr. Himanshu Tolani**  
**Assistant Professor**



Dr. Himanshu Tolani has done Ph.D. in Statistics, titled “Assessment of Event Dynamics through Bayesian Models” from the Department of Statistics, University of Delhi and prior to that he has done M.Phil. and Masters in Statistics. In the past, Himanshu has worked in the domain of Statistics as an academican and a researcher in universities and research institutes. Dr. Himanshu’s specialization lies in Data Visualization, Bayesian Inference, Applied Bayesian Modelling, Spatial-Temporal Modelling, and related statistical analysis. Dr. Himanshu has published his research on applications of Bayesian models in various aspects like Crime, Pollution, Cricket, Covid-19 and Malnutrition in indexed journals. Dr. Himanshu is a Biostatistics faculty at IIHMR, Delhi and handling various research projects and preparing research manuscripts for public health using advanced statistical methods.

**Dr. Sidharth Sekhar Mishra**  
**Assistant Professor**



Dr. Sidharth Sekhar Mishra is a medical doctor with post-graduation in public health from All India Institute of Medical Sciences (AIIMS) New Delhi and then pursued his senior residenship from Post Graduate Institute of Medical Education and Research (PGIMER, Chandigarh). He is a double post graduate degree holder with MD and DNB from National Board of Examination. He has been a part of the development of the National Health portal development. He was working as the consultant for COVID control pandemic at national level in Ministry of Health and Family Welfare, Nirman Bhawan, New Delhi. He has almost 7 years' experience of training almost 3 lakh MBBS doctors for their post graduate examination. He is a social media academic influencer with a combined following of almost 50 k students. He has more than 10 publications in indexed journals; 5 books and part of UN research projects. He has visited more than 25 countries globally and brings in rich global public health experience on the table.

**Dr. Rohini Ruhil**  
**Assistant Professor**



Dr. Rohini Ruhil is PhD in Social Medicine and Community Health from Jawaharlal Nehru University (JNU), New Delhi. Her other qualifications include BDS, PGDHHM and MA (Rural Development). She secured a Gold Medal at the university level in her master’s from IGNOU. She is also an alumna of IIHMR Delhi and secured a Gold Medal for best all round performance in PGDHHM. She qualified UGC-NET-JRF and got a scholarship to pursue her PhD as JRF and SRF. Her experiences include teaching, research, tobacco cessation and industry. She has also worked as a consultant in the Ministry of Health & Family Welfare. She has 19 publications in journals of national and international repute including Elsevier and Sage. She is also a reviewer in several national and international journals including BMC Public Health, BMJ Open, Sage Open and Tobacco Induced Diseases (TID). She has also authored a chapter in a book. She has worked on several manuals of MOHFW including national tobacco cessation guidelines. Further, she has drafted a few manuals for WHO-SEARO Tobacco Free Initiatives. She has done the Global Tobacco Control Certificate Program from Johns Hopkins University, Baltimore, USA, for which she received a scholarship. She has presented papers in several national and international conferences, workshops and seminars and secured a few awards including Best Poster Prize and a Prize in Slogan competition in public health. She has also done national training of trainers (TOT) program in the TB-Tobacco integration Project. Overall, she has a passion for research and academics.

## **Staff\***

### **RESEARCH**

#### **Senior Research Officer**

Anuj Kumar Pandey, MPH

#### **Research Officer**

Vineet Kumar Balyan , PGDHM

Jaswinder Kaur, PGDHM

Neha Saharawat,

### **ADMINISTRATION**

#### **Sr.Manager (A&P)**

Suja Ram Jat, MBA

#### **HR Officer**

Ms. Harshita Sharma, MBA

#### **Admin. Officer**

Surya Prakash Sharma, MBA

#### **Manger Marketing (Marketing & Admission)**

Rinku Singh, PGDJMC

#### **Business Development Officer**

Shalini Yadav, PGDHM

#### **Front Office Assistant**

Suman Lata, BA

### **TRAINING**

#### **Assistant. Manager (Training)**

Shikha Bassi, MBA

#### **Training cum Research Assistant**

Sunil Kumar, B.com

### **ACADEMICS**

#### **Academic Officer**

Tarun Nagpal, MCA

#### **Academic Executive**

Sushila Sherawat, MA

#### **Admission Counselor**

Anshu, MBA

#### **Placement & Alumni relations officer**

Anju, MBA

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\* as per 2021-2022

## **FINANCE & ACCOUNTING**

### **Assistant Manager (F & A)**

Jaipal Singh, CA

### **Accountant**

Jagdish Prasad Sahu , B.com

### **Account Assistant**

Amit Kumar Sah, B.Com

## **INFORMATION TECHNOLOGY**

### **Sr. System Analyst**

Sukesh Bhardwaj, MCA

### **Hardworking and Networking Supervisor**

Vinod Kumar, B.Sc

### **IT Assistant**

Mukesh Kumar Saini, B.Com

## **LIBRARY**

### **Librarian**

Jagdish Prasad, MLIS

### **Assistant Librarian**

Ashok Kumar, MLIS

### **Library Assistant**

Meenakshi Sharma, MLIS

## Facilities at IIHMR Delhi

### Library

The library is the backbone of any academic institution. The library at IIHMR, New Delhi also acquired a prominent place among the students and faculty. Located on the first floor, it is a central place for academic and research activities and the heart of the Institute. The library has a seating capacity of more than sixty. The library has a state-of-the-art collection of **8094** books and a special collection, having **5176** unique titles in various fields such as Health Management, Hospital Administration, Health Economics and Finance, Public Health, Healthcare IT, General Management, Management Information Systems, Population Studies, Demography, Research Methodology, Sociology, Economics, Computer Science, and other general management areas, from where the users can borrow the required books as per rules. The library has a well-balanced collection and provides user-friendly services and easy-open access facilities to the readers. To focus on quality information, we receive over 68 National and International periodicals and magazines related to professional management and research. In addition to a few periodicals of general interest, as well as six newspapers published around the globe, the library collection includes 410 CD-ROMs and databases, from India and overseas, like Pro-Quest Health Management, Indiastat, and J-Gate Database, and EBSCOhost e-books.

**E-Books:** IIHMR Library has subscribed to EBSCOhost – **eBooks academic subscription collection** for all IIHMR campus libraries. There are more than **237,366 eBooks** in this package, including titles from leading university presses and coverage with all Academic subjects from leading university presses such as Oxford University Press, MIT Press, State University of New York Press, Cambridge University Press, University of California Press, McGill-Queen's University Press, Harvard University Press, and many others. Additional academic publishers include Elsevier Ltd.; Ash Gate Publishing Ltd; Taylor & Francis Ltd; and Sage Publications Ltd. John Wiley & Sons, Inc., etc. The Subject coverage includes Organizational Behavior, Human Resource Management, International Management, Research Methodology, Supply Chain Management, Operations Research, Strategic Management, Management Information Systems, Consumer Behavior and Marketing Communication, Business and economics, Language Arts and discipline, Literary Criticism, Performing Arts, Political Science, Social Science, Technology & Engineering, and other academic fields.

All titles are available with unlimited user access, and titles are regularly added & updated.

**E-Database & Online Journals:** E-journal is being subscribed online to facilitate ongoing research activities and to expand the areas of future research activities. The online journals being subscribed to include:

- ProQuest Health Management with Hoovers Company (Full text) online database
- J-Gate Social & Management Science (JSMS)
- Indiastat Database
- DELNET open access database
- NDL Member Library
- Web of Science
- Shodhganga Institution Membership
- IRINS/VIDWAN Member



**Electronic Resource Centre:** The library, being a member of the Developing Library Network (DELNET), offers various facilities to member institutions through resource sharing. A continuous Internet search is done for the identification of new resources, which are subsequently made accessible through the library's home page.

**Thesis & Dissertations:** A total of 1049 thesis and dissertations in both hard and soft copy forms are available in the library.

**Reprography Section:** Facilities like photocopy, printing, scanning, etc. are provided to the students on a payment basis within the premises of the library.

**Kindle E-book Reader:** The IIHMR Library has been introduced to promote and support digital & paperless reading through this facility. Presently five Kindle paper white with unlimited eBook packages provided by Amazon are available for 07 days Loan.

**Automation of Library & Services:** To keep pace with ongoing information technological changes, library records have been computerized to make them accessible to the faculty and students at their workplaces. This not only saves time but also makes possible simultaneous multiple access of information, which otherwise is not possible in the case of print formats. The worldwide well-known library management software, namely Koha fully featured open-source ILS software is being used for the automation of library services. Online Public Access Catalogue (OPAC) of books, journals, CDs, and Videos available in the library is accessible to the users on the intranet.

**Remote Access:** IIHMR Delhi Library provides a Remote Access Service with the federated search of most of the online resources subscribed/purchased by the library. The Knimbus Remote Access tool allows library users to search and access online resources from any remote location with an internet connection outside the Institute Campus. The URL of this remote access is <https://iihmrdelhi.knimbus.com/user#/home>

**Digitalization Service:** The library is outfitted with top-notch digitization equipment, such as a high-speed feeder-type document scanner that can process pages up to A3. The digitization section also has a



top-of-the-line server for hosting digital materials including, summer training reports, dissertations/ theses, previous year question papers, in-house publications other things. The Digital Repository is a platform for teachers, researcher scholars, students, and staff to share their scholarly work with the larger community.

**Digital Library (DSpace Institutional Digital Repository) (IDR)**

**URL Link:** <http://182.74.47.252:8080/jspui/>

**Opening Time:** The library is open throughout the year from 09.00 AM to 08.00 PM on all working days and 10.00 AM to 05.00 PM on 2<sup>nd</sup> and 4<sup>th</sup> Saturdays and Sundays.

For more details, you can also log on to <http://182.74.47.252:8001/> and visit our IIHMR Delhi Website <https://www.iihmrdelhi.edu.in/about-us/facilities/iihmr-library> click on the link to 'Access on Inside and Outside campus'.

**I.T. Centre**

The Computer Centre is well equipped with modern infrastructure connecting more than 171 nodes across the Institute premises. The Computer Centre is connected with a dedicated Internet Lease Line (ILL) providing 24\*7 supports for research, training, teaching and consultancy activities. The IT centre also has a network framework of more than 171 desktops, 12 LCD projectors and 38 printers. For students, faculty and staff members, facilities like Wi-Fi Campus, Wi-Fi rest house along with Wi-Fi Hostel is maintained by the IT centre. All the computers in the Institute are connected with the Campus Wide Network. The Computer Centre is actively engaged in teaching and training in IT (Information Technology) by means of conducting various MDP programs related to IT. The IIHMR New Delhi Computer Centre is also undertaking training related to data analysis skills.



## **Girls Hostel**

The Institute has a hostel close to its premises consisting of 20 spacious and well-ventilated rooms. All the hostel rooms are fully furnished with beds, study tables, chairs and inbuilt cupboards and are equipped with ceiling fans, lights and coolers. The hostel also has a common dining hall with hygienic dining facilities, equipped with a television set for student entertainment. Due care and attention is paid to the comfort and security of students who avail hostel facilities.



## **Guest House**

The Institute has a state-of-the-art guesthouse with facilities like air-conditioned rooms, cable television, hot-water showers, kitchen services, wi-fi and parking facility.





## **Gymnasium and Sports**

The Institute has a well-run gymnasium equipped with treadmill, multi gym, cycle and cross trainer. With the aim of promoting good health for all, the Institute constantly strives to improve the amenities related to the gymnasium and sports.



## **IIHMR Group of Institutes**

### **IIHMR University, Jaipur**

The IIHMR University is a specialized and exclusive research university for management research, postgraduate education and training. The University aims to generate new knowledge and technologies to provide evidence and inputs for developing effective policies, health interventions and strategies. The origin of the IIHMR University has its roots in the significant pioneering contribution of Institute of Health Management Research, (IIHMR) Jaipur over the last three decades, towards policy and program management research, capacity development in health and hospital management in India and South East Asia.

The IIHMR University has a mission to improve the standards of health through better management of health care and related programs through management research, education, training and institutional networking with a national and global perspective. The World Health Organization designated IIHMR as a WHO Collaborating Centre for District Health Systems based on Primary Health Care, for its significant contribution in strengthening health systems, by promoting and conducting health policy and program management research and capacity building. The Ministry of Health and Family Welfare, Government of India identified it as an Institute of Excellence for training and capacity building. A critical mass of professionally trained health care, hospital, rural and pharmaceutical managers has been produced by IIHMR to better manage health systems. The University has been instrumental in a paradigm shift in management of health care programs and hospitals in India.

For its significant contributions towards health, hospital, rural and pharmaceutical management education, the Institute has been awarded several Leadership and Best sectoral B-school awards. In addition, IIHMR has become a major destination for training and capacity development in leadership and strategic management, hospital management, disaster management, quality management, project management, health management information systems, health economics and finance.

### **Institute of Health Management Research Bengaluru**

Institute of Health Management Research (IIHMR), Bengaluru was established in 2004. The Institute is a premier institution focusing on Health Management, Hospital Management Research and Training in South India. The major thrust areas of the Institute are Hospital Management, Primary Health Care, Reproductive and Child Health, Population Sciences, Health Economics, Health Finance, and NGO Management and Networking. The Institute runs Postgraduate Programmes in Hospital and Health Management, conducts training programmes for healthcare professionals, provides technical assistance for institutional capacity development, and undertakes research. The All India Council for Technical Education (AICTE), Ministry of Human Resource Development (HRD), New Delhi has approved the Postgraduate Programme in Hospital and Health Management. Since its inception, the Institute has been actively involved in carrying out research activities. Over the last decade, the Institute has also seen a significant increase in the number of research project and studies that it undertakes.

## **Editorial Team**

## IIHMR DELHI MAP



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