



9TH STATE OF INSTITUTE REPORT

2019-2020

INTERNATIONAL INSTITUTE OF HEALTH MANAGEMENT RESEARCH

MESSAGE FROM THE TRUSTEE SECRETARY



It is a matter of great pleasure that IIHMR-Delhi releasing – State of Institute Report 2019. I feel delighted to go through the progress made the IIHMR-Delhi's contribution in bringing about a sea change in the field of education, research and training in healthcare, hospital administration and healthcare information technology. There has been a paradigm shift in management in the health sector and IIHMR-Delhi is among the institutions leading the change in the country.

Since its inception, the Institute has successfully rolled out the batches of management graduates of AICTE approved two-year Postgraduate Diploma in Hospital and Health Management (PGDHM) (MBA Equivalent), accredited by National Board of Accreditation and Association of Indian Universities. More than 900 management graduates from IIHMR-Delhi have joined various healthcare organisations and hospitals in different management and administrative positions in public and private sector. The IIHMR is known for its research and capacity development programs and is committed to improve the standards of health through better management. In its research activities, IIHMR-Delhi has been able to contribute to strengthening evidence-based service delivery through its research activities in the area of non-communication diseases, urban health, climate change apart from conducting various evaluations and operation research studies on different dimensions of health system for Government and non-governmental organisations. A dedicated team of multi-disciplinary Faculty and Research Scholars undertakes health research surveys often in collaboration with IIHMR Jaipur and Bangalore.

As a learning centre for continuing education and training of working staff in various national and international health organisations, IIHMR-Delhi is playing a pivotal role. The Institute has emerged as a major centre for training and capacity building in management of the health sector in India and South East Asia. It offers a diverse range of trainings and Management Development Programmes. Participants from neighbouring countries like Bhutan, Sri Lanka, Bangladesh, Myanmar, Afghanistan are regularly involved with IIHMR-Delhi on various customised training programs being held at IIHMR-Delhi. Amongst the various trainings in the last year, important on to mention are Hospital Management, Human Resource in Health, Supply Chain Management, Climate Change, Health Management Information System, Urban Health, Leadership, Legal issues in healthcare. The feedback of participants reflects that institute's training programs are excellent.

I wish IIHMR-Delhi all success in its future endeavours.

Dr. S.D. Gupta
Trustee Secretary

MESSAGE FROM THE DIRECTOR

I am delighted that IIHMR- Delhi has emerged as an institute of repute, at both national and global levels in the recent years. Our graduates are socially conscious, skilled and vibrant top-class health care management professionals and matches well with the ever-changing needs of the health care sector. The IIHMR Delhi has carved out a niche for itself through its cutting-edge curriculum, infrastructure facilities and accomplished multi-disciplinary faculty.

During this unprecedented humanitarian crisis caused by the COVID-19, we have tried our best to meet the challenges of the pandemic by participating in Government initiatives to fight the situation. These, in no ways, could hamper our pursuit of knowledge, research, innovation and community outreach. Certainly, the pandemic has enabled us to look for innovative ways to deliver our programs. Our faculty members have effectively explored virtual classrooms and other digital aids to ensure continuity in the teaching-learning process. We feel confident that our students will have a fruitful session next year too.

Like every year, another batch of management graduates, with specialization in health, hospital and health informatics, have become qualified to shoulder professional responsibilities in the health care sector. Their successful placements at strategic health management positions reflects the demand of our growing community.

We have extended our training and capacity building programmes to various national and international health care professionals, the response of which has been quite encouraging. We have adequately served our international partners and clients in various issues pertaining to public health emergency, hospital management, health information technology, leadership in health and global health. This Regional Coordination Mechanism Secretariat of the South-East Asia Coordination Mechanism Forum (SRCMF) under the aegis of Global Fund has been hosted by IIHMR, New Delhi for eleven members' countries in the region. The institute's recent advancement in knowledge building research is an important milestone in our endeavor to influence evidence-based policy.

With the passage of time and in these rapidly evolving health scenarios, the institute strives to grow under the robust leadership and guidance of the Management Board, Governing Board and the Trustee Secretary. I sincerely thank all of them. I also extend my appreciation to the industry associates and Alumni for their exceptional support, my colleagues for their persevering work, and our patrons for their commitment. Most importantly, I am thankful to every student of ours, without whom we would not have been where we are today.

With great pleasure and honour I submit to you our annual report, State of Institute Report 2019-20.

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

Capabilities:

- Management Research, Education and Training
- Planning, Designing and Conducting Management Training for Health Professionals
- Institutional Capacity Development and Networking
- Project Planning and Management
- Operations Research and Evaluation
- Economic and Financial Analysis
- Survey Research
- Social Assessment
- Impact Assessment
- Quality Assurance
- Health Sector Reforms
- Programme Evaluation
- Health Information Technology

About the Institute

IIHMR Delhi, a part of the IIHMR Society, was founded on 18th 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 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 PGDHM course offered, 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 aesthetically designed and magnificently built campus of IIHMR is located 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

Managing Director,
Transport Corporation of India Ltd., Gurgaon

TRUSTEE SECRETARY

Dr. Shiv Dutt Gupta

Indian Institute of Health Management Research Society, Jaipur

MEMBERS

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Former Managing Director, Hindustan Lever Ltd.
Director, Peerless General Finance and Investment Co. Ltd., Mumbai

Shri Basant Khaitan

Managing Director, WMW Metal Fabrics Ltd, Jaipur

Dr. Ashok Agarwal

Trustee, Borukha Charitable Trust, Jaipur

Shri Jayesh Bhai Patel

Managing Trustee, Sabarmati Ashram, Ahmedabad

Dr. M.K. Bhan

Former Secretary to the Govt. of India,
Department of Biotechnology, Ministry of Science and Technology, New Delhi

Dr. Michael J. Klag

Dean, Johns Hopkins Bloomberg School of Public Health,
Baltimore, USA

Governing Board

CHAIRMAN

Dr. M.K. Bhan

Former Secretary to the Government of India,
Department of Biotechnology, Ministry of Science and Technology, New Delhi

MEMBERS

Prof. J.K. Das

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

Dr. Gita Pillai

Former Director and Chief of Party,
Urban Health Initiative (Family Health International), New Delhi

Mr. Chander Agarwal

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

Dr. Bulbul Sood

Country Director, JHPIEGO, New Delhi

Dr. Naresh Trehan

Chairman & Managing Director, Medanta - The Medicity, Gurgaon

Dr. Shiv Kumar Sarin

Director, Institute of Liver & Biliary Sciences, New Delhi

Dr. David Peters

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

Ms. Richa Singh Debgupta

Associate Vice President Operations, Fortis Healthcare Ltd., Gurgaon

Dr. D.K. Sharma

Medical Superintendent, AIIMS, New Delhi

Shri Manoj Jhalani

Additional Secretary & MD (NHM), Ministry of Health and Family Welfare,
New Delhi

Shri Kameshwar Ojha

Former Additional Registrar General of India
Office of Registrar General & Census Commissioner, Government of India

Dr. Tarun Seem

Secretary, Health and Family Welfare

Department of Health and Family Welfare, Delhi Secretariat, Delhi

Dr. Kamla Singh

DGHS (Rtd.), Department of Health and Family Welfare, Panchkula

Dr. Sanjay Kapoor

Managing Director, John Snow India Private Limited, New Delhi

Dr. Dinesh Agarwal

Director - Health, Nutrition and WASH, IPE Global, New Delhi

Dr. Rohit Kumar

Assistant Professor, IIM, Ranchi

EX-OFFICIO MEMBER

Dr. S.D. Gupta

Trustee Secretary,
IIHMR, Jaipur

Dr. Sanjiv Kumar

Director
IIHMR Delhi

Dr. Preetha G.S.

Associate Professor
IIHMR Delhi

Academic Advisory Council*

CHAIRMAN

Dr. D. S. Rana,
Sir Ganga Ram Hospital, New Delhi

MEMBERS

Dr. Simrit Kaur
Professor, Faculty of Management Science,
University of Delhi, Delhi

Dr. S B Arora
Professor, School of Health Sciences,
IGNOU, New Delhi

Dr. Sidharth Satpathy
HoD, Hospital Administration,
AIIMS, New Delhi

Dr. Debashish Mohanty
Assistant Vice President,
Apollo Munich, New Delhi

Prof. S. R. Jha
Professor, School of Sciences,
IGNOU, New Delhi

Dr. Aarti Verma
Senior Vice President (Medical Quality),
Max Healthcare, New Delhi

EX-OFFICIO MEMBER

Dr. Sanjiv Kumar,
Director, IIHMR, New Delhi

Dr. P.R. Sodani,
Acting President, IIHMR Jaipur

Dr. Pradeep Panda
Dean, Academic & Student Affairs,
IIHMR Delhi

Dr. A K Khokhar
Dean Training, IIHMR Delhi

Dr. Preetha G S
Associate Professor, IIHMR Delhi

*till October 2019

Ethics Committee

Chairperson

Prof. Arvind Pandey
National Chair (Medical Statistics), ICMR
Former Director: ICMR - National Institute of Medical Statistics, New Delhi

Co-Chairperson

Dr. Vinod Kumar Shanwal
Head, Dept. of Education and Training
School of Humanities and Social Sciences
Gautam Buddha University, Greater Noida

Members

Dr. Sanghmitra S Acharya
Professor,
Centre for Social Medicine and Community Health, Jawaharlal Nehru University
Director, Indian Institute of Dalit Studies, New Delhi

Mr. Joy Ganguly
Senior International Consultant
Public Health Initiatives, New Delhi

Dr Ajay Kumar Sood
Retired Professor,
National Institute of Health & Family Welfare (NIHFW),

Dr. Malti Tiwari,
Physician, Bhagat Chandra Hospital,
New Delhi

Dr. Preetha G.S
Associate Professor, IIHMR Delhi

Dr. Anandhi Ramachandran
Associate Professor, IIHMR Delhi

Dr. Sumant Swain
Assistant Professor, IIHMR Delhi

Member Secretary

Dr. B. S. Singh
Associate Professor & Associate Dean Research
IIHMR Delhi

Global Networking (Societal Collaborations)

Over the years, the Institute has been instrumental in building collaborations with various national and international organizations and universities to promote public health education. We take immense pride in our ever-expanding network with these prestigious institutions and organizations. Some of the collaborations with the IIHMR society are presented below:

World Health Organization (WHO)

IIHMR is designated as a WHO Collaborating Centre for District Health System Based on Primary Health Care owing to its excellence in health management research, training and educational programs. As a collaborating centre, the Institute works in the areas of organization and management of health systems, strengthening the district health system, quality management in health care, operations research and health sector reforms. The Institute operates as a resource centre; organizes intra and inter-country training programs, collaborates with WHO in monitoring and evaluation and provides expertise in health system management and research.

South-East Asia Public Health Education Institution Network (SEAPHEIN)

SEAPHEIN has been created by the WHO South-East Asia Regional Office to promote collaboration and sharing of information and knowledge among the member countries in the Region for strengthening public health education and training. IIHMR is both, the founding member as well as an active partner of the network, and has signed agreements for collaboration with various institutions in South East Asian countries to promote capacity building in public health, management and joint collaborative research.

India Public Health Education Institution Network (IndiaPHEIN)

To promote public health education in India, IndiaPHEIN has been developed and promoted under the stewardship of WHO-SEARO. The Institute hosts the Secretariat of IndiaPHEIN and plays a lead role in managing the network to strengthen public health education in India.

National Institute of Health and Family Welfare (NIHFW)

IIHMR and NIHFW have agreed to promote cooperation in education, training and research. The areas of collaboration include organizing joint training programs, research, visits by and exchange of scholars, teachers and other staff, exchange of students for long and short term programs, exchange of research materials (reports, information, published papers), and sharing of information.

The Johns Hopkins Bloomberg School of Public Health, Baltimore, USA

The Bloomberg School of Public Health at Johns Hopkins University and IIHMR have agreed to work together in the areas of research, education, and training. The focus is on building the public health capacity in developing countries. The collaboration would explore activities to enhance the effectiveness and efficiency of public health programs by providing technical support to partners.

SAARC Tuberculosis and HIV/AIDS Centre (STAC)

The SAARC TB and HIV/AIDS Centre support the efforts of National TB and HIV/AIDS Control Programmes through evidence-based policy guidance, coordination and technical support. IIHMR and the STAC have a technical tie-up for conducting training in the SAARC countries. The Institute has been instrumental in providing technical support to STAC for several training sessions on leadership and strategic management held in the SAARC region.

University of Chester

IIHMR and the University of Chester have signed an MoU to enhance academic and research opportunities, develop knowledge and cultural linkages between the institutions in the field of public health.

B.P. KOIRALA INSTITUTE OF HEALTH SCIENCE

IIHMR signed a Memorandum of Understanding to establish educational affiliation between IIHMR and B.P. Koirala Institute of Health Sciences (BPKIHS), Nepal. The areas of agreement include advice and consultancy on structural, academic, policy and procedural matters. These include establishment of a new School of Public Health, a partnership to support the development of School of Public Health, support in curriculum development in public health, exchange of faculty and training of faculty and staff in public health, participation and support in teaching training activities, student exchange, collaboration in research activities, collaboration in service and public health policy.

Institutional Networking

Management and Training International (MTI)

The Institute signed an MoU with Management and Training International (MTI) Ltd., Bangladesh for promoting policy-making in the areas of health management, health economics, monitoring and evaluation programs. The MoU also provides an opportunity to collaborate for capacity building, short and long-term training, study tours, exposure visits, higher study, research and for organizing seminars and workshops.

National Health Systems Resource Centre (NHSRC)

NHSRC and IIHMR Delhi signed a MoU to lay the foundation for cooperation and joint action to support health systems development in identified and mutually agreed upon areas. The MoU will facilitate in developing strategies for collaboration and resource sharing between the two organizations in research, evaluation, teaching, training, capacity building and consultancy.

Universidad de Oviedo, Spain

The Institute signed an MoU with Universidad de Oviedo, Spain and achieved a partner status for the Master's course in Disaster in Public Health, coordinated by the University of Oviedo in collaboration with the Karolinska Institutet and Universite Catholique de Louvain (promoting Universities). As a partner, the Institute will co-tutor internships and Master thesis, participate in teaching activities and other collaborative activities, relating to public health and health services.

The Union South-East Asia (USEA)

The Institute signed an MoU with USEA to work jointly for the Call to Action for the TB-Free India Campaign. As a part of this Call, the Institute will support USEA-CTB to identify TB Champions, advocate for TB prevention, care, and airborne infection control, develop student papers and other research papers on TB disease, etc.

Educational Programs and Academic Activities

Postgraduate Program

The Institute offers a two-year, All India Council for Technical Education (AICTE) approved, NBA Accredited & AIU recognised, full-time Postgraduate Diploma in Hospital & Health Management (equivalent to MBA) program. It offers specialization in Hospital Management, Health Management and Health Information Technology, with a total annual uptake of 120 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

Placement

The Institute has a Placement Cell that works under the aegis of the Placement Committee. The Committee comprises of Dean (Academics and Student Affairs), Assistant Dean (Academic and Student Affairs), Academic Program Officer, Placement Officer, faculty members 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
- Liasoning with organisations

Large corporate and public sector hospitals, international, bilateral and national health care organizations and health insurance companies approach IIMR Delhi for qualified and well-groomed healthcare managers. The course offered at the Institute prepares graduates for exciting careers in such organizations. The students of 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 Aakash Health Care, Access Health, Shalby Hospital, Khushi Baby, Artemis Hospital, Care Bihar, Child Health Imprints, Dakshama Health, Day2Day, DCDC Health Services Pvt. Ltd, Deloitte, E&Y, EyeQ, Healthcare at Home, HISP India, ILBS, Integra Ventures, IQVIA, Naryana Health, NHSRC, Octavo Solutions, Omprakash Eye Hospital, Piramal Foundation, Ross Clinics, Sarvodhya Hospital, Shalby Hospital, Sitaram Bhartia Hospital, Tech4care All, Telerad Solutions, and Xyla Health. Eighty-five of our students got placement with an average package of Rs. 5.5 lakhs per annum.

The students from the outgoing 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 Friday, 22nd June 2019, the Institute hosted its Tenth Annual Convocation for 74 graduating students. The Institute was honoured to have as Chief Guest Prof. Vinod Paul, Member, NITI Aayog. The Guests of Honour were Dr. O.P. Kalra, Vice-Chancellor, Pt. BD Sharma Medical University, Haryana and Dr. S D Gupta, Trustee Secretary IIHMR, Jaipur. Dr. Vinod Paul congratulated all the students who received their Post Graduate Diploma in Hospital and Health Management (PGDHM) and those who have been conferred the PD Agarwal Gold Medal for outstanding performance. The awardees were Dr. Srishti Gupta in the hospital stream, Col Aman Negi in the health stream, and Lt. Col. Someshwar Singh in the health IT stream. The Best All-Round Gold Medal was presented to Dr. Laxmi Verma from the Health stream. Dr. Sanjiv Kumar, Director, IIHMR Delhi and Dr. Pradeep Panda, 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 2019-2020, the Institute was privileged to have the following speakers:

Dr. Achal Bhagat, Consulting Psychologist, Apollo Hospitals

(Title of talk: “Discover Health”)

Dr. Rajendra Gupta, Member Central Advisory Board Govt. of India & WEF Network

(Title of talk: “Experiences in Public Health IT Field”)

Dr. Arun Singh, National Advisor, RBSK, MoHFW

(Title of talk: “Experiences in Muzzaffarpur”)

Mr. Rabin Majumder, Advocate on Record, Supreme Court of India

(Title of talk: “IPR and Privacy related to Healthcare Data”)

Dr. Vibha Jain, DGM-IT, Max Health Care

(Title of talk: “Use of AI in Patient Communication”)

Mr. J.P.Dwivedi, CIO, RGCIRC

(Title of talk: “Digital Health – Opportunities for Innovation”)

Mr.Partha Dey,COO, Artemis

(Title of talk: “Connected Healthcare”)

Mr. Anand Sengupta Founder Director Trackmy Beat

(Title of talk: “Are you an Entrepreneur?”)

Dr. Dharmesh Lal, Program Lead, PHFI

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

Dr. Vidhur Mahajan, Head, CARING

(Title of talk: Use of AI in Patient Care”)

Dr. Ashish Chaudhary, Head Orthopaedics, Aakash Healthcare

(Title of talk: “Career Progression from Executive to Chief Executive”)

Dr. Mahipal Sachdeva, Chairman, Centre for Sight

(Title of talk: “Use my Pebbles to Build Your Castles- Lessons in Medicare Leadership”)

Dr. Y.P. Bhatia Chairman & Managing Director Astron Group of Healthcare

(Title of talk: “Setting up of Modern Hospitals”)

Dr. J. K. Das, Director, NIHFW

(Title of talk: NCDs- The Major Killers”)

Mr Mohammed Ameer, Sr Consultant, NHSRC

(Title of talk: “Technology in Public Health”)

Dr. Rajni Bagga, Professor, NIHFW

(Title of talk: Motivation for Enhancing Work Output and Building Work Culture)

Dr. Neera Dhar, Professor, NIHFW

(Title of talk: “Spiritual Health”)

Prof. (Col) P. K. Dutta. Retd Army

(Title of talk: “Public Health through Ages”)

Dr . Sunil Kumar Saggur CEO ShantiMukund Hospital

(Title of talk: “Challenges and Career in Health Sector”)

Dr. Rajesh Gupta, Vice President, Clinical Transformation & Product, InnoCirc Ventures

(Title of talk: “Technology in Hospitals”)

Dr Neeta Kumar , Professor, Jamia Millia Islamia

(Title of talk: “Art of Scientific Writing”)

Research

IHMR Delhi has a vibrant research portfolio. The Institute conducts studies that range from health systems research, to community centric policy level research. The faculty members are engaged in 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, 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 government's flagship programme called NHM for making district health action plans and quality assurance.

COMPLETED PROJECTS

Health Impact of Metro

Funding Agency: Delhi Metro Rail Corporation

Duration: September 2018 – April 2019

Team: Nitish Dogra, Preetha GS, Pradeep Panda, Vinay Tripathi, Sumant Swain & Sanjiv Kumar (Adviser)

The Metro project had three main objectives. It assessed the change in health status for first time users of the Metro in terms of physical activity, personal air pollution exposure and economic parameters. The study was designed as a before-after study. It aimed to study 901 metro commuters using the newly operational Magenta line. The results of the study showed that physical activity increased, air pollution exposure reduced and there were definite gains in economic terms with respect to commuters. Findings have been communicated to DMRC and will be shortly available in the public domain.

Baseline Study of Knowledge and Awareness about Chronic Obstructive Pulmonary Disease (COPD) among Health Care Providers and Community for a Pilot Intervention Study in Ludhiana, Punjab

Duration: April 2019 – November 2019

Funding Agency: Chest Research Foundation

Team: Pradeep Panda

The purpose of the study was to examine the knowledge and awareness of health care providers and communities on chronic obstructive pulmonary disease (COPD). The study was conducted in 17 public health facilities and its catchment areas in the urban areas of Ludhiana, Punjab. Baseline data was collected by using quantitative and qualitative methods to assess the knowledge about COPD among health care providers (doctors, ANMs, other paramedics and ASHAs), and community. Exit interviews were done on patients suffering from COPD to assess their quality of care, health systems readiness to

manage COPD, and focus group discussions with the community on assessing their health-seeking behavior and barriers to seeking care.

The study concluded that the knowledge and awareness of COPD by the community are limited. Respondents who reside in non-slum areas, females, better educated, and employed have better knowledge about COPD. Knowledge and awareness of COPD by health care providers (ASHAs, ANMs, and other paramedics) are also inadequate. Better educated health care providers have correct knowledge about COPD. Knowledge and awareness of diagnosis and treatment therapies among doctors are inadequate too. The doctors reported many barriers regarding accurate diagnosis and treatment of patients with COPD, such as insufficient resources, lack of knowledge of COPD, and limited access to diagnostic services. The availability of functional infrastructure, including medicines and equipment, for diagnosis and treatment of COPD, is limited across the public health facilities. The qualitative analysis also supplements quantitative analysis and concludes by suggesting many impediments for translating the potential of current interventions in Indian health care settings. These include lack of availability of medicines, high costs of health care, lack of awareness of the disease in the community, lack of skilled and informed health workforce, lack of access to health care workers, lack of self-management of the disease and many anxiety and depressions among patients with COPD. There is a need to educate the community with campaigns to raise knowledge and awareness about COPD. There is also a need to train the health care professionals in the correct diagnosis and treatment of COPD. Moreover, enhancing the knowledge and awareness about COPD diagnosis in primary care settings is needed. To ensure the availability of functional infrastructure in the health facilities for diagnosis and treatment of COPD, substantial investments by the government would be required. Thus, there is a need to raise awareness among the public and the policymakers for allocating more resources to the health sector in general, and chronic diseases such as COPD in particular. COPD will remain a significant health care problem in India for decades to come due to the rising burden of non-communicable diseases and associated risk factors such as air pollution.

Mapping and assessment of Ayurveda and Homeopathy curriculum vis-à-vis MBBS curriculum

Funding Agency: World Health Organization

Duration: September 2019 – November 2019

Team: Preetha G.S and Sanjiv Kumar

Mid-level providers are increasingly being utilized not only to assist health professionals but also to provide select services independently to address the shortage of specialized human resources. The National Health Policy 2017 called for the development of a complementary cadre of mid-level providers for expansion of primary care from selective to comprehensive care through appropriate courses like a B.Sc. in community health and/or through competency-based bridge courses and short courses. The National Medical Bill 2019 speaks of granting limited license to individual professionals, connected with the modern medical profession to practice medicine and prescribe specified medications in primary and preventive healthcare in specific situations. In other cases, these practitioners may only prescribe drugs under the supervision of a registered medical practitioner. The project objective was to compare the curriculum of MBBS course with those of Ayurveda and Homeopathy and to recommend the critical constituents of a bridge course to develop a cadre of community health providers who will be able to provide the relevant aspects of primary and preventive health care as envisaged in NHP 2017 and NMC 2019. A comparative analysis of the curriculum of Ayurveda, Homeopathy courses with the MBBS curriculum was performed using the latest documents from the regulatory bodies of the sessions. A structured matrix was constructed to identify the common aspects of the curricula in the courses, and the

gaps as compared with the MBBS curriculum, based on which a tentative was recommended for the bridge course.

WHO-SAGE - Rajasthan

Funding Agency: IIPS, Mumbai

Duration: July 2019 – November 2019

Team: Neetu Purohit, B. S Singh, Pankaj Talreja, Nishikant Bele

The International Institute for Population Sciences, Mumbai in collaboration with the World Health Organization, Geneva undertook the Study on Global Ageing and Adult Health (SAGE), in India. SAGE wave 3 is part of a global longitudinal study implemented in six countries –China, India, Ghana, Mexico, Russia and South Africa. In India, SAGE was conducted in six states –Assam, Karnataka, Maharashtra, Rajasthan, Uttar Pradesh and West Bengal. Same states and samples from SAGE wave1 were followed in SAGE India wave 2, and the same households were followed up SAGE India wave 3. The primary objective of SAGE was to assess the health and well-being of elderly persons in age 50 and above and their social determinants. SAGE aimed to gather evidence base on socioeconomic background, health state description, the burden of disease, health care utilization, quality of life and well-being. Besides these self-reported information based on interview, SAGE adopted improved health measurement techniques by using a range of biomarkers-blood pressure, pulse, vision, grip strength, timed walk, cognitive tests, anthropometry, plus saliva sample collection for SAGE wave 3. SAGE wave 3 followed up the same PSUs and the sample households in SAGE wave 2 covered Rajasthan. Rajasthan SAGE wave 3 aimed to follow up approximately 1485 households and 1600 individual samples. The project started in July 2019 and ended in November 2019.

Developing a Climate Vulnerability Tool for Health for State of Rajasthan, India

Funding Agency: World Health Organization, India

Duration: November 2019 – December 2019

Team: Nitish Dogra, Anandhi Ramachandran, Manish Priyadarshi, Akhilendra Trivedi

This tool enables identification of the most vulnerable districts concerning the health impacts of climate change in the state of Rajasthan in north India. The health outcomes under consideration were malaria, dengue, chikungunya, cholera, acute diarrhoeal disease, bacillary dysentery and heat stress. The study used data from thirty-three districts in relation to all parameters considered. Vulnerability indices and maps for individual and overall outcomes were derived, taking into consideration exposure, sensitivity and adaptive capacity utilizing the assessment framework of the United Nations Inter-Governmental Panel on Climate Change (IPCC). It is recognized that the tool indicated here is merely indicative. It needs further refinement, more relevant data, appropriate weightage for parameters considered and adaptation to the local circumstances before it can be used for decision making by policy planners. This will assume particular importance as a baseline vulnerability assessment with India's National Programme for Climate Change and Human Health is proposed. This will necessarily be dynamic. However, at the same time, it should be a tool that program managers can update on their own. This tool should serve all these purposes particularly because the indicators show an almost 75% concordance between the individual ranking of indicators by district versus response of district officials with field validation in three districts of Rajasthan State.

Motivational factors for acceptance and continuation of PPIUCD and barriers for non-acceptance and discontinuation of PPIUCD: A cross sectional study

Funding Agency: ICMR-ICSSR

Duration: September 2018 – March 2020

Team: B S Singh and Dhananjay Srivastava

With increasing numbers of women electing to give birth in health institutions, the Government of India decided to strengthen PPF and to introduce PPIUCD services in a phased manner. Despite all efforts regarding the intensification of PPIUCD coverage, we still are far away from adequate coverage. We planned in our study to find out why most of the population avoids PPIUCD and motivational factors for acceptance of PPIUCD. We will also explore why females are not continuing the PPIUCD for an appropriate period to achieve proper spacing i.e. two years between delivery and pregnancy. Our study design is cross-sectional and participants will be both beneficiaries i.e. female delivered at institution and service providers i.e. doctors, nursing staff and ASHAs as well. Country-level evidence on the post-insertion outcomes will strengthen the effectiveness of IUCD & PPIUCD programs, and contribute to improved health outcomes for women and children. The study was undertaken at district hospitals, Block primary health centres, sub health centres, villages and urban wards in nine selected districts of Bihar state i.e. Patna, Muzaffarpur, Chhapra, Darbhanga, Saharsa, Purnia, Bhagalpur, Munger and Gaya.

Development of guidance note on nutrition/ clinical outcomes for cord clamping (as individual consultancy assignment)

Funding Agency: Nutrition International

Duration: January 2020 – March 2020

Team: Sutapa B Neogi

Following a Government of India advisory (issued in November 2019) on ‘Physiological Cord Clamping’, a need was felt to document the global recommendations and current practices on the actual timing of cord clamping. This assignment was aimed at reviewing the existing literature, identifying gaps in evidence and develop a research protocol to generate more evidence to address the lacunae. The review revealed a lot of inconsistencies in the current evidence. The expert group convened for this task suggested that a clinical trial would be required to have context and country-specific recommendations. Based on their suggestions, a protocol for the clinical trial was developed and shared with the expert group.

Ongoing Projects

Climate Variability, Human Health Impact and Economic Burden in Tribal Communities of Selected Geographical Regions in India

Funding Agency: DST

Duration: April 2017 – June 2020

Team: Vinay Tripathi, Rais Akhtar, Preetha GS and Pradeep Panda

There is a wide consensus, among the scientific community as well as policymakers, that climate change is happening not only due to natural variability but mainly due to anthropogenic causes and it is going to impact every sphere of human life, including health. Indigenous populations or tribal populations are few communities that are most vulnerable to climate change impact. There are limited studies that have examined how these communities perceive climate change, how does it impact their life (including their health) and what are its economic consequences. This study, which is being funded by the DST, attempts to address this gap by (i) studying how tribal communities residing in selected geographic regions comprehend climate variability, their vulnerability to it and perceive its different impacts (including health); (ii) studying how tribal communities respond to vector-borne diseases (mainly malaria), water-borne diseases (primarily diarrhea) and heat stress in different geographies; and (iii) studying the economic burden of vector-borne and water-borne diseases as well as heat stress-related health impact in tribal communities. The three-year study started in April 2017 and adopts mixed-method approach to achieve the objectives. Participatory tools and techniques are an integral part of the study. The study is being conducted in five states of India, namely, Orissa, Madhya Pradesh, Jammu & Kashmir, Kerala, and Meghalaya. Currently, data analysis is in progress.

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

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 a scientific, programmatic and policy perspective, it is essential to have a large-scale definite study on this subject. The present study involves 6000 school children in Sarita Vihar ward of South Delhi involving heavy, medium, and light traffic sites with schools and residence of children near the main road contrasted with schools and residence of children away from the main road. Health outcomes of asthma, infections and other allergies will be considered. Assessment includes clinical and physiological with pulmonary function tests. The study will also involve geographic information systems (GIS) to systematically delineate exposures and models for impacts at the ward level.

Healthcare seeking behavior for Malaria – An ethnographic study of health service seekers and healthcare providers in a tribal dominated district of Chhattisgarh

Funding Agency: ICMR

Duration: November 2019 – April 2021

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

Malaria related morbidity and mortality is relatively higher in tribal-dominated states of India, including Chhattisgarh – a 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 behavior 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. Therefore, the study attempts to capture the pluralistic view of tribal to malaria and how it influences the health-seeking behavior of tribal with the broader aim of designing a targeted intervention while taking into account the health system perspective and implementing the same in the extension phase of the project, if granted in future, in the state of Chhattisgarh.

National Family Health Survey (NFHS –5)- Odisha

Funding Agency: MoHFW, Government of India and IIPS, Mumbai

Duration: August 2019 –October 2020

Team: Pradeep Panda, Sumant Swain, Sanjiv Patel and Sarthak Mohapatra

The National Family Health Survey (NFHS-5) is coordinated by the International Institute for Population Sciences (IIPS) with the financial support of the Ministry of Health and Family Welfare, Government of India. IIPHS Delhi is responsible for the survey implementation and data collection for the state of Odisha. Data collection for 12 out of 30 districts has been completed so far.

NFHS-5 is a national survey designed to provide information on population, family planning, maternal and child health, child survival, HIV/AIDS and sexually transmitted infections (STIs), reproductive health, and nutrition in India. NFHS-5 has two specific goals: (a) to provide essential data on health and family welfare needed by the Ministry of Health and Family Welfare, Government of India and other agencies for policy and programme purposes, and (b) to provide information on important emerging health and family welfare issues. To meet these two aims, the sample has been designed to provide information on sexual behaviour; HIV/AIDS knowledge, attitudes and behaviours; life-style indicators; other health issues; and domestic violence only at the state level and at the national level, while most other indicators will also be reported at the district levels.

We have collected blood samples from women (age 15-49) and men (age 15-54) in the form of dried blood spots (DBS) for testing for malaria, HbA1c (a measure of diabetes), and Vitamin D3. Data has been collected using Computer Assisted Personal Interviewing (CAPI) on mini-notebook computers. Anaemia testing, and height and weight measurements for women (age 15-49), men (age 15-54), and children under age 6 will also be included in NFHS-5. Waist and hip circumference were measured for women (age 15-49), and men (age 15-54). Blood glucose and hypertension measurements were done for all women and men over the age of 15 years. All of these estimates will be provided at the district level.

Centre for Climate, Environment and Health (CCEH)

Designated by NCDC, Govt. of India as a Centre of Excellence under National Programme on Climate Change and Human Health

Mission

CCEH is an initiative aimed at addressing the health impacts of climate change and the environment in the developing world. It seeks to accomplish this through sustainable solutions emanating from academics, research, training, consultation and advocacy in a national and global perspective.

Objectives

- Build capacity for researchers and practitioners
- Conduct training programs for diverse stakeholders
- Organize relevant national and international meetings
- Conduct cutting edge research building on IIHMR's prior work
- Engage print, audiovisual and social media as a key stakeholder
- Publish work through blogs, working papers, articles, books and other means

Thrust areas

Climate Change, Disasters, Air Pollution, Transport and Health, Water, Sanitation and Hygiene (WASH)

Core Group of Faculty with Expertise

The Centre Core Group comprise of Faculty with multi-disciplinary expertise. The activities are coordinated by a Convenor (Dr. Nitish Dogra). Depending on the need, other faculty members outside the Core Group also serve as experts or resource persons.

- Dr. Nitish Dogra (Environmental Health)
- Dr. Preetha GS (Disaster Risk Reduction)
- Dr. Vinay Tripathi (Qualitative Research)
- Dr. Pradeep Panda (Health Economics)
- Dr. Manish Priyadarshi (Urban Health)
- Dr. Sumant Swain (Climate Policy)
- Dr. Anandhi Ramachandran (GIS)

Workshop on *Addressing Transport, Air Quality and Health in India* with Johns Hopkins University, USA in Jan 2020



MDP and Training Activities

One of the biggest challenges faced by the Indian health sector today is the shortage of professional managerial skills for efficient and effective management of healthcare institutions. With the rapid expansion in health infrastructure and the continuous emergence of new health needs, the necessity for capacity building, amongst the available human resources, to enable them to cope with the changing scenario is increasingly being felt. Continuing education and training are an essential prerequisite for the development of health professionals. To equip health professionals and keep them abreast of developments in requisite knowledge-base and technology, IIHMR Delhi conducts training programs regularly. IIHMR is a premier institution dedicated to transforming healthcare through research, training, and education, with its state-of-the-art facilities and excellent combination of faculty with different backgrounds, both medical and non-medical. The Institute organizes a variety of training programs catering to the individual needs of various health institutions. Besides the regular training programs on everyday issues, customized training is designed according to the needs of the concerned institution. In 2018-2019, a total of thirteen MDPs / training programs were organized. The details of the training / MDPs are presented below:

Two Weeks Course on Health in Emergencies in Large Populations

Duration: February 24 - March 6 2020| Coordinator: A. K. Khokhar



The Regional H.E.L.P course in India was organized in collaboration with the Indian Red Cross Society (IRCS), the International Committee of the Red Cross, World Health Organization (WHO - Country office), the National Institute of Disaster Management. The fundamental objective of this course, which is

held annually in different regions in the world, is to enhance professionalism in managing large scale disaster outbreaks. The training course discussed the principles and practice of humanitarian interventions in response to the needs of the people affected by acute or protracted crises and natural disasters. Twenty-four participants from nine countries attended this course. The course is open to professionals having work experience in humanitarian emergencies and having responsibilities in managing operations or programs.

Management Development Program on Public Health Management

Duration: February 11-14, 2020 | Coordinator: Sutapa Neogi



MDP on Public Health management was organized at IIHMR Delhi from February 11 to February 14, 2020. 31 participants from NHM Orissa attended the residential program. The participants are working as Assistant Manager, Program Coordinator, Program Associates, and Training coordinators. The topics covered included an overview of health systems in India, Ayushman Bharat, interpersonal communication, team building, health data analysis, information and planning, leadership skills, and general principles of office procedure. The participants were taken to Najafgarh PHC, the first PHC in India.

Training Program on Materials & Equipment Management for MM Executives

Duration: November 20- 22, 2019 | Coordinator: A. K. Khokhar



“Training Program on Materials & Equipment Management for MM Executives” was organized from 20th to 22nd November 2019. Twenty-five participants from different places attended the program. The primary objective of the course was to enhance understanding of working officials towards scientific principles of materials and equipment management and learn from experiences of the peer group and the resource persons to optimize the use of resources. The critical issues/topics discussed included problems and issues in material management-participants perspective, an overview of materials and equipment management, policies and procedures for the purchase of goods, purchase of materials in hospitals, transportation and warehousing, inventory control and cost containment, equipment planning, maintenance, condemnation, disposal and equipment audit, e-procurement system adopted by Government of India, quality control of materials, measuring performance of mm - vendor rating. The sessions were mainly interactive and supplemented by stories and case studies.

Learning Exposure Visit' for Hospital Managers from the Maldives

Duration: October 15- 18, 2019 | Coordinator: A. K. Khokhar



WHO sponsored, four days “IIHMR Delhi held learning Exposure Visit” for Hospital Managers from the Maldives from October 15 -18, 2019. Nine participants from different places in the Maldives attended the program. The program was designed in a manner to ensure active participation amongst participants as well as between resource persons and participants in the classroom and with different stakeholders during official field visits. As part of the training, the participants visited three hospitals and interacted with functionaries at All Indian Institute of Medical Sciences, Venkateshwar Hospital, and ESIC Model Hospital, Guru gram. The various issues discussed with the participants related to Problems and Issues in Hospital Management-Participant's perspective- A discussion, Managing Modern Hospitals, Managing Clinical Services viz. OPD, IPD, Emergency, Managing Support Services, Managing Human Resources in Hospitals, Bio-Medical Waste Management, and Supply Chain Management in Hospitals.

MDP on Materials and Equipment Management

Duration: October 14- 16 | Coordinator: A. K. Khokhar



Three-day program on Materials and Equipment Management was held during October 14 – 16, 2019. The primary objective of the course was to enhance understanding of procurement of the right quality and adequate quantity of material, to optimize the use of resources through scientific inventory control and the purchase and maintenance of medical equipment. The topics that were considered in the program were related to an overview of supply chain management, organization of medical stores, demand estimation, procurement procedures, inspection, storage and distribution of medicines and consumables, important details of inventory management, codification, standardization, value analysis, quality control of drugs, information system and measurement of materials management performance. The financial rules and application of Information Technology (IT) in materials management and management of equipment right from the need to purchase equipment audit and condemnation were deliberated in detail.

Two weeks Fellowship on Health Literacy Promotion Programme for Ministry of Health and Sports, Myanmar

Duration: September 23-October 4, 2019 | Coordinator: A. K. Khokhar



Two-week WHO Fellowship on Health Literacy Promotion Programme was organized at IIHMR Delhi from 23rd September to 4th October 2019. Seven participants from different places in Myanmar attended the program. The training focused on issues related to conceptual, theoretical and practical aspects of health promotion. Other topics included health literacy for healthcare professionals, developing IEC material for health literacy, role play based on soft skills and communication, health promotion intervention for school children, strengthening health literacy program for non-communicable diseases, hospital-based promotion activities, and digital technology for service delivery enhancement. Participants had the opportunity to discuss various issues related to health literacy with stakeholders during their study field visits to NIHFW, PATH, and RHTC Najafgarh.

Training on Public Health Management for Nurses of from Department of Health Central Tibetan

Duration: July 15- 20, 2019 | Coordinator: A. K. Khokhar



Training on Public Health Management for Nurses was organized from July 15- 20, 2019 IIHMR Delhi. Four senior nurses participated in the programme. The critical issues related to health systems in India, (structure, and functioning, managing a local health system, Team Building and Leadership, Disease Control and Determinants of health, National Vector Borne Disease Control programs, Reproductive, Maternal, Newborn, Child and Adolescent Health, National Health Policy, Revised National TB Control Program, National program on NCDs, Optimum use of resources, Human Resource in Health, Quality of

health care and Monitoring and Evaluation) were discussed. A field visit was arranged to one of the Urban Primary Health Centre to interact with the stakeholders at the field level.

Leadership in Academics Faculty Development Programme, SGT University, Gurugram

Duration: April 29- May 2 | Coordinator: Sanjiv Kumar, Preetha G. S, B. Singh



Internal Quality Assurance cell of SGT University, Gurugram collaborated with the International Institute of Health Management Research (IIHMR) Delhi to organize four-day FDP on Leadership in Academics from April 29- May 2, 2019. Twenty-five faculty participants from all the seven health-related faculties, namely Medical, Dental, Ayurveda, Allied Health, Pharmacy, Physiotherapy, and Nursing. The participants were given eight pre-workshop assignments, followed by four days face to face interaction and sessions. The approach to conduct the course focused on imparting skills through fact, act, and reflect approach (adapted from leadership Development Program of National Healthy System, United Kingdom). The participants highly appreciated the course.

Training of Trainers for Capacity Building Needs at Provincial Level, Nepal

Duration: April 22- 26, 2019 | Coordinator: A. K. Khokhar

WHO Nepal selected IIHMR Delhi to provide technical assistance to conduct five-day Training of Trainers on Leadership and Management Skills for rolling out Three-Tier Federal State in Nepal as per the 2015 new Constitution. A team of 5 senior facilitators conducted TOT from April 22- 26, 2019, at Nagarkot, Nepal. Thirty participants from Province and local level: Ministry of Social Development, Provincial Health Directorate, Sub Metropolitan City, and Metropolitan city participated in the TOT. The sessions were mainly interactive and based on the experience of resource persons. The participants were also given group work to be presented on the last day of the training. Participants' appreciated the structuring, of course as well as the quality of course delivery.

Training on Urban Health Planning and Management for the Ministry of Health and Local Government Institution, Bangladesh

Duration: April 8- 19, 2019 | Coordinator: Sanjiv Kumar and A. K. Khokhar



The third batch of two weeks of Training on Urban Health Planning and Management was organized for the 20 officials from the Ministry of Health and Local Government Institution, Bangladesh. The important issues related to Urban Health, the challenges in urban health, disease burden and health needs in urban areas, developing health plan for urban health, waste management in cities, program implementation, monitoring and evaluation techniques, procurement process, public-private partnership, health insurances, emergency preparedness, community mobilization, etc. were discussed and explained to the participants by experienced resources persons. The interactive approach involving group work was adopted for the learning sessions coupled with field visits to Urban Health Centers at Delhi and Urban Health Resources Center Agra to give the real-life situation feel to the participants. Based on the above, the participant developed an urban health plan in group work.

Publications and Paper Presentations (April 2019- March 2020)

- Aggarwal D, Ramachandran A. One health approach to address zoonotic diseases. *Indian Journal of Community Medicine* 2020; 45, Suppl S1:6-8.
- Aggarwal D, Swain S, Ramachandran A, Chaturvedi V, Kumar S. Changing role of nursing cadre under emerging zoonotic diseases. *Indian Journal of Community Medicine* 2020;45, Suppl S1:9-11.
- Aggarwal D, Swain S, Singh B S, Kumar S. Overview of zoonotic diseases in peri-urban areas and introduction to the special issue. *Indian Journal of Community Medicine* 2020;45, Suppl S1:3-5
- Agrawal A, Srivastava J N, Priyadarshi M. Impact of implementation of “Kayakalp” initiative on quality certification of district hospitals to National quality assurance standards. *Indian Journal of Community Medicine* 2019;44:228-32
- Ahmed I, Kumar S, Aggarwal D. Assessment of knowledge and practices of hygienic milk production among dairy farmworkers, Southwest Delhi. *Indian Journal of Community Medicine* 2020;45, Suppl S1:26-30
- Bedi, Arjun S, Arpita Chakraborty, Sisir Debnash, Tarun Jain, Anagaw Derseh Mebratie, and Pradeep Panda, Social Health Insurance Schemes, Jyotsna Jalan, Sugata Marjit and Sattwik Santra (eds.) *India Public Finance and Policy Report: Health Matters*, New Delhi: Oxford University Press
- Chinchwadkar P, Panda P. An assessment of knowledge regarding the risk of zoonoses and hygiene practices among females with livestock in South-West Delhi, India: A cross-sectional study. *Indian Journal of Community Medicine* 2020;45, Suppl S1:38-42
- Gogia S, Ramachandran A, et al. Telecare during travel and for special situations. In S.Gogia, M.Novaes, A.Basu (Eds), *Fundamentals of telemedicine and Telehealth* (1st ed., pp 267- 271). Academic Press.
- Jatwani M, Swain S. Is small scale dairy farming dying out? An In-depth study. *Indian Journal of Community Medicine* 2020;45, Suppl S1:47-51.
- Khadayata V, Aggarwal D. Knowledge, attitude, and practice about hygiene among livestock keepers in peri-urban area of vadodara district, Gujarat. *Indian Journal of Community Medicine* 2020;45, Suppl S1:16-20
- Kumar S, Swain S, Preetha G S, Singh B S, Aggarwal D. Zoonotic diseases in India. *Indian Journal of Community Medicine* 2020;45, Suppl S1:1-2
- Lakra SB, Aggarwal D. Practices that are potential risks to an increase in zoonotic tuberculosis: A cross-sectional study among cattle holders in peri-urban area of Sonipat. *Indian Journal of Community Medicine* 2020;45, Suppl S1:35-7
- Neogi S B, Devesenapathy N, Singh R, Bhushan H, Shah D, Diwakar H. et al. Safety and effectiveness of maternal and foetal outcomes with intravenous Iron Sucrose in moderate and severely anaemic pregnant women in India – An open label randomized controlled trial. *The Lancet Global Health* 2019. 7 (12), e1706-e1716

- Neogi S B, Sachdeva A K, Roy D K, Sharma R, Gupta R. Evidence of prenatal toxicity of herbal based indigenous formulations for sex selection in rat models. *Journal of Traditional and Complementary Medicine* 2019. <https://doi.org/10.1016/j.jtcme.2019.09.005>
- Pahwa S, Swain S. The fate and management of sick and dying cattle – Consequences on small-scale dairy farmers of peri-urban areas in India. *Indian Journal of Community Medicine* 2020;45, Suppl S1:43-6
- Pandey A, Tiwari K K, Kumar P, Pardesi M, Neogi S B. Looking at trafficking in Jharkhand. *Economics and Political Weekly (Engage section)*, 2019. ISSN (Online) - 2349-8846
- Priyadarshi M. Environment, development, urbanization and communication revolution in India: Changing paradigm of urban development and Public opinion, *Indian Journal of Lifelong learning and Development*; 2019 (April-June): 1-19.
- Priyadarshi M. Health system research. Health and development module (MDV 115). Indira Gandhi National Open University (IGNOU); 2019
- Rai P, Swain S, Talreja P. Community Acceptance of Available Milk and Assessment of Its Quality in Peri-Urban Area of Southwest Delhi. *Indian Journal of Community Medicine*. 2020;45, Suppl S1: 31-34.
- Rai P, Mishra S, Shanker K, Neogi SB, Balachandran S, Sharma R, et al. Chemical evaluation of dietary herbal formulations consumed by pregnant women for sex selection of offspring. *Quality Assurance and Safety of Crops & Foods* 2019;11(7): 669-678.
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- Singh A, Ramachandran A. Assessment of hygienic milking practices and prevalence of bovine mastitis in small dairy farms of peri-urban area of Jaipur. *Indian Journal of Community Medicine* 2020;45, Suppl S1:21-5
- Singh, R., Neogi, S.B., Hazra, A. et al. Utilization of maternal health services and its determinants: a cross-sectional study among women in rural Uttar Pradesh, India. *Journal of Health, Population and Nutrition* 2019; 38:13.
- Swain S, Sustainable Development Goals (SDGs) in Health and Progress Towards Universal Health Coverage in Odisha, In Arun Mohanty and Sumant Swain et al., (eds.), *“Governance, Gender and Environment”* Mittal Publications, New Delhi. April, 2019.
- Talreja P, Kalra R. Pharmaceutical cost analysis of dental diseases: An Indian scenario. *International Journal of Risk and Safety in Medicine*, 2020; (March): 1-13.
- Yadav N, Aggarwal D. Potential risk factors of brucellosis in dairy farmers of peri-urban areas of South West Delhi. *Indian Journal of Community Medicine* 2020;45, Suppl S1:12-5

Books Published

- Mohanty A, Swain S, Das D, Khandayatroy M. (eds) *Governance, Gender and Environment*. 2019. Mittal Publications, New Delhi.

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 researches, 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 7th November 2015 in the readable format. Additionally, SYNAPSE is now also available on the Medium portal, which is an online publishing platform. You can access the recent issues on the following link :

<https://medium.com/@synapseiihmrdelhi>

Conferences / Seminars / Workshops

During 2019-2020, the faculty members attended different conferences/ seminars/ workshops/ meetings. The same is presented below:

Anandhi Ramachandran

- Attended a certificate workshop on Systematic Review organized by Campbell Corporation from March 4-6, 2020
- Attended Faculty Development Program organized by IIHMR Delhi from 16-18 May 2019
- Attended ISEP - JHU Workshop on Airpollution and Traffic, Jan 15, at IIHMR Delhi
- Attended Faculty Development Programme on Leadership in Academics organized by IIHMR Delhi from 16th - 18th May 2019
- Attended a Seminar on “Stress Management and Happiness” organized by IIHMR Delhi on 17th Feb 2020
- Attended a round table discussion on Executive Program on Hospital Management on 10th Feb. 2020, at IHC Delhi
- Attended IC InnovatorCLUB meeting on “The future of healthcare data and analytics – Artificial Intelligence, Machine Learning and beyond”, organized by InnovatioCuris Foundation of Healthcare & Excellence (ICFHE) on Jan 18, 2020
- Attended, as a panellist (Building Health IT Workfoce), 1st International Conference On Applied Health Informatics, organized by MGUMST Jaipur from 11- 12 Jan, 2020
- Attended a consultation meeting under WHO funded project on ‘Developing a Climate Vulnerability Tool for Health for State of Rajasthan’ at IIHMR University from 12th & 13th December, 2019
- Attended Telemedicon Conference held on 29th & 30th November at ISI Delhi
- Attended NATHEALTH Annual Summit 2019 ‘Reimagining Collaboration to Strengthen India’s Healthcare Growth Trajectory’, held on 28 November, in New Delhi
- Attended technical discussion meeting for development of HAP for addressing illnesses due to variation and change in Climate in the country, on 21st October 2019 at NCDC, New Delhi
- Attended Innohealth Conference from 4th and 5th October 2019 at Taj Vivanta, New Delhi
- Attended 9th International Conference on Transforming Healthcare with IT 2019 from 13-14 September 2019 at HICC Hyderabad
- Attended IC Innovator Club Meeting (Journey of Building an AI product) on 3rd August 2019 in Delhi
- Attended 13th National Conference on “VISION 2030 for Education & Skill Formation” on 28th June, 2019 in Delhi
- Attended HIMSS India 2019 Annual Conference, held on April 27, 2019 in Hyderabad
- Attended InnovatioCuris Foundation of Healthcare & Excellence (ICFHE), a club meeting, on April 6 2019 at IIHMR Delhi

B.S. Singh

- Attended 18th Veda Prakasha Memorial Oration on India’s rising Population: Implication for Health and Development by Prof S.D. Gupta, chairman IIHMR University, Jaipur Rajasthan, 27th May 2019, NIHFW, New Delhi

- Attended Faculty Development Programme on Introduction to Systematic Review Workshop – 1 on May 22, 2019, IIHMR Delhi
- Attended Faculty Development Programme on Introduction to Systematic Review Workshop – 2 on June 3, 2019, IIHMR Delhi
- Attended Faculty Development Programme on Introduction to Systematic Review Workshop – 3 on August 29, 2019, IIHMR Delhi
- Attended, as a Resource Person cum Expert Trainer, a two day Divisional Level Residential Training workshop on Gender Budgeting, organize by Gender Resource Centre (GRC), Women Development Corporation (WDC), Department of Social Welfare, Govt of Bihar on 19th & 20th February 2020 at Divisional headquarters, Muzaffarpur
- Attended, as a Resource Person cum Expert Trainer, a two day Divisional Level Residential Training workshop on Gender Budgeting, organize by Gender Resource Centre (GRC), Women Development Corporation (WDC), Department of Social Welfare, Govt of Bihar on 27th & 28th February 2020 at Divisional headquarters, Munger
- Attended, as a Resource Person cum Expert Trainer, a two day Divisional Level Residential Training workshop on Gender Budgeting, organize by Gender Resource Centre (GRC), Women Development Corporation (WDC), Department of Social Welfare, Govt of Bihar on 5th & 6th March 2020 at Divisional headquarters, Purnea

Divya Aggarwal

- Attended a certificate workshop on Systematic Review organized by Campbell Corporation from March 4-6, 2020
- Attended Faculty Development Program organized by IIHMR Delhi from 16-18 May 2019
- Attended Faculty Development Program on Systematic Reviews organized by IIHMR Delhi on 22 May, 03 June and 29 August 2019.

Nikita Sabherwal

- Attended a certificate workshop on Systematic Review organized by Campbell Corporation from March 4-6, 2020

Pankaj Talreja

- Attended the meeting on “Mitigating Security Challenges for Health Sector: Present and Future”, As part of the IC Innovator CLUB, under not for profit initiative InnovatioCuris Foundation of Healthcare & Excellence (ICFHE), on April 06, 2019.
- Attended FDP on Leadership in Academics, held at IIHMR Delhi, from 16th to 18th May 2019.
- Attended FDP on Systematic Review, held at IIHMR Delhi, on 3rd June 2019.
- Presented paper in AGBA's 16th global conference held at the Indian Institute of Technology (IIT), Delhi (India) on July 2---4, 2019.
- Attended WHO-SEARO Informal Consultation on Draft Tool for Research Capacity Assessment held on 18th Oct., 2019 at ICMR Hqrs.

Pradeep Panda

- Attended the “Meeting of Experts to Review the Status on the Public Health Cadre Development”, organized by NITI Aayog, New Delhi, April 10, 2019.
- Attended the “National Workshop on Ayushman Bharat: Arogya Manthan”. Organised by the National Health Authority (NHA), and held at Vigyan Bhawan, New Delhi, October 31, 2019.
- Attended the “Health Dialogue 2019”, organised by OPPI at Taj Palace, New Delhi, August 21, 2019.
- Attended, as a Resource Person, and delivered lectures on Forecasting and Supply Planning at the International Training Program on Family Planning and Reproductive Health Commodity Security, organised by IIHMR University Jaipur, October 6-7, 2019.
- Attended, as a Resource Person, and delivered lectures on Decision Tree Modelling at the International Training Program on Vaccine Economics, organised by IIHMR University Jaipur, July 31, 2019.
- Attended, as a Resource Person, and delivered delivered lectures on Health Economics and Cost-effectiveness for the MPH Program of IIHMR University Jaipur, August 5-8, 2019.
- Attended, as a Resource Person, and delivered lectures on International and Global Health for the MBA Program of IIHMR University Jaipur, July 28-29, 2019
- Organized, as a Lead Facilitator, a series of lectures on Systematic Review for the faculty and Research Officers of IIHMR Delhi, May-June, 2019.
- Attended, as an External Advisor, the PhD Committee (SRAC) meeting at the Department of Healthcare Management, Jamia Hamdard University, October 31, 2019.

Sumesh Kumar

- Attended National Conference on healthcare in India: Need for Paradigm shift as invited speaker on Economics of Universal health coverage at Eternal University Baru Sahib, Himachal Pradesh (Aug.31-Sept. 1,2019).

Sutapa B Neogi

- Proposal review meeting, TIASN (Technology Interventions for Addressing Societal Needs), DST, Government of India, New Delhi, 9th Jan, 2020.
- Expert group meeting on Masters in Health Communication, Indian Institute of Mass Communication (IIMC), New Delhi, 16 Jan, 2020
- Meeting of the Expert Committee on TIASN (Technology Interventions for Addressing Societal Needs), DST, Government of India, 5-6 February 2020, New Delhi
- Meeting to discuss Government Advisory on Delayed Cord Clamping, Nutrition International, New Delhi, 21st Feb 2020
- Meeting of State Quality Assurance Committee (SQAC), Delhi Secretariat, 21st Feb 2020.
- Meeting on Monitoring of implementation activities for PREVENT project, NIHR UK meeting, 26th Feb, 2020, Bangalore
- Speaker, Plenary session, Sustainable livelihoods and Public Health; 64th Annual National Conference of Indian Public Health Association (IPHACON 2020), 2nd March 2020

Nitish Dogra

- Received Community Hero Award from the Johns Hopkins University at Johns Hopkins Bloomberg School of Public Health, Baltimore, USA on 3rd October 2019 and University wide function on 4th October 2019
- Presentation to International Health Student Group at Johns Hopkins School of Public Health, Baltimore, USA on Public Health Career opportunities in India on the 4th of October 2019
- Brainstorming meeting on Air Quality, Transport and Health held at Johns Hopkins School of Public Health, Baltimore, USA held on 2nd October 2019
- Participated at an in-person Webinar at NIH, Bethesda, USA on Cross-Cultural Perspectives on Urban Sustainability and Health: Smart Solutions for Smart Cities in India on 30th September 2019
- Presentation at NIH, Bethesda, USA on Vulnerability Assessment for Climate and Health in India held on 30th September 2019
- Represented IIHMR Delhi at NDMA meetings related to civil society engagement for Coronavirus held on 5th March and 18th March, 2020
- Represented IIHMR at national broadcast by NCERT related to Coronavirus held on 11th March, 2020
- Presentation at University College of Medical Sciences for a lecture ‘Hazardous effects of pollution on respiratory system’ with first year medical students on 10th February 2020
- Talk at Department of Community Medicine, Vardhman Mahavir Medical College & Safdarjung Hospital on "Health Risk and Vulnerability Assessment: Environment vulnerability, economic vulnerability, livelihood vulnerability" held on 21st Jan 2020 as part of Training Workshop on "Climate Change, Disaster and Health: Epidemiology and Response preparedness" from 20-24 January 2020
- Participated in meeting on ‘Environment and Health Initiative for India’ coordinated jointly by the UN Environment Programme (UNEP) and World Health Organisation (WHO) held at UN House, Lodhi Road on 30th December, 2019
- Speaker at Seminar by TERI on Green Buildings in the session on ‘Air pollution & Emissions- A Global Menace’, 18th Dec, 2019 at the 11th GRIHA Summit, New Delhi
- Representative of Centre of Excellence at IIHMR, Delhi (recognized by National Centre for Disease Control, Govt. of India) for National Review Meeting of all States/UTs under National Programme for Climate Change and Human Health (NPCCHH) held on 17th December, 2019 in New Delhi
- Presented work on Vulnerability Assessment at National Centre for Disease Control, Second Meeting to discuss Adaptation Plans for Climate Sensitive Diseases being organized by NCDC on 20th November at Nirman Bhawan, New Delhi.
- Participated in launch event of "Indian Air quality studies Interactive Repository (IndAIR) by CSIR-NEERI on 5th November, 2019
- Invited by the Qimpro Foundation in Mumbai as a Jury Member for Environment Award 27th August 2019
- Presentation at ‘Low-Cost Air Quality Monitoring Sensors in India: Applications and Way Forward’ India Habitat Centre, New Delhi on Wednesday, August 7, 2019.
- Invited by the Qimpro Foundation in Mumbai for a Roundtable Meeting on Environment and Economy on 26th July 2019

- Talk at Indian Institute of Public Administration on "Climate Change: Health Vulnerability" on 20th June 2019 as part of DST funded Two weeks Faculty Development Programme (FDP) on "Climate Smart Governance in New Delhi"
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Other Activities at IIHMR Delhi

TALKS BY THE DISTINGUISHED EXPERTS

In 2019-2020, the Institute had the privilege of hosting following distinguished guests:

Dr. Rajni Ved

Executive Director, National Health Research Centre
(Title of talk - "Public Health Strategies in India")

Commander Navneet Bali

Director of Northern Region, Naryana Health
(Title of talk - "Healthcare as a private enterprise and experiences at NH for affordable care")

Dr. Ravi Mehrotra

CEO, India Cancer Research Consortium
(Title of talk - "Cancer Problem and Way Forward")

Dr. Pankaj Gupta

Head- Digital Health, Access Health International
(Title of talk - "Growth of Health IT Sector")

Dr. Vidur Mahajan

Head (R&D), Centre for Advanced Research in Imaging, Neurosciences & Genomics
(Title of talk - "Use of AI in Patient Care")

Dr. Dipanjan Roy

International Technical Advisor – HIV/Aids, Hepatitis & STIs
Ministry of Health Democratic Republic of Timor Leste
(Title of talk - "Experiences from HIV/AIDs Program")

International Expert

Dr. Michael Klag

Distinguished Professor, Dean Emeritus, Johns Hopkins Bloomberg School of Public Health

Foundation Day

The 11th Foundation day, “Aadhar”, commemorating the foundation day of the Institute was celebrated on 19th August 2019. The Chief Guest was Dr. M S Sachdev, Chairman & MD, Centre for Sight and Guest of Honour was Commander Navneet Bali, Director Northern Region, Narayana Health. 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 extra-curricular activities like Rangoli, Skit Competition, etc. Faculty were presented with awards for their distinguished academic and research publications.

Sports Week

The Institute has historically been celebrating the sports week every year. During the weeklong celebrations, the students, staff and faculty participate enthusiastically in different sports and won many prizes. This event helps to encourage companionship among all the participants. Various competitions like marathons and relay races, carrom, chess, badminton, cricket, kho-kho and table tennis are organized; these not only provide relaxation in a hectic academic and research schedule. Such activities also contribute towards developing team spirit, cooperation, sportsmanship and management skills.

Health Run

Keeping in mind the importance of wellness of the staff as well as students, IIHMR Delhi has been organizing health run one day before the foundation day since its inception. The information for health run is sent to all residential societies in Dwarka and any resident can join the health race. To encourage this activity, IIHMR Delhi also awards medals to the winning staff and students. This year, the health run was organized on 17th Aug 2019.

Blood Donation Camp

Our esteemed founder, the Late Shri P.D. Agarwal, founded several eminent groups like TCI, ABC India, GATI and Bhoruka. He was a 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 2019, the IIHMR Delhi campus alone accomplished to collect 50+ units of blood during this drive.

Alumni Meet

IIHMR Delhi organized a meeting for its alumni in India Habitat Centre, New Delhi on 14 December 2019. The programme was held in the evening from 6 30 pm onwards and enthusiastically attended by about 50 alumni (including two from IIHMR Jaipur) and faculty and staff of IIHMR Delhi. Dr. A.K. Khokhar, Director (in-charge) IIHMR Delhi, extended a hearty welcome to the alumni and stressed on the need to keep meeting regularly. He said that the alumni of the institute were the 'Brand Ambassadors' for the Institute and the existing batch of students could take advantage of their guidance and expertise by developing good networking with these alumni. Dr. S D Gupta, Trustee Secretary, IIHMR group, and Chief Guest of the meeting expressed happiness about the achievements of IIHMR alumni and called upon them to embrace newer concepts, including technology, to move ahead with times. Dr. Nitish Dogra, Associate Professor and Convener, Centre for Climate, Environment and Health at IIHMR Delhi made a brief presentation on the positioning of the centre as one involved in breakthrough research moving from population health to planetary health. Dr. Preetha GS, Associate Professor proposed vote of thanks to all attending. The highlight of the meeting was the faculty- alumni interactions that followed for institutional building. The event was followed by a series of ice-breaking sessions and games conducted by current batch Alumni representatives, which was then followed by fellowship dinner.

Research Day

IIHMR Delhi organized its 3rd Research Day on 20th June 2019. Dr. Sanjiv Kumar, Director IIHMR Delhi, delivered the welcome address and Dr. A.K. Khokhar, Professor and Dean Training, outlined the goals of organizing the Research Day. Prof. Pradeep Kumar Panda, Professor & Dean Academics and Student Affairs, gave an overview of research conducted by IIHMR Delhi. Ms. Divya Aggarwal, Assistant Professor & Dean Academics and Student Affairs, provided an overview of dissertation & summer training. The Chief Guest, Dr. Vinod Kumar Shanwal, Head, Dept. of Education & Training School of Humanities & Social Sciences, Gautam Buddha, University, Greater Noida inaugurated the event by ribbon cutting and lamp lighting. He addressed the student and faculty and highlighted the importance of research in policy and programme implementation. "Anusandhan-2019" was also released. It is a booklet, which contains the abstract of different research projects that are being carried out by the faculty members. It includes the summaries of dissertation and research work which students had carried out in their respective streams of research. Selected students also made poster presentation, which is based on the dissertation work that was carried out by them in their individual streams. These posters, which covered different areas of health management, hospital management and health IT management, were evaluated by a team of external members.

Faculty

Prof. Shankar Das,

Director

Prof. Shankar Das, MA, MSc, MPhil, PhD is the Director of IIHMR in New Delhi. He was Professor and founding Chair of the Centre for Health Policy Planning and Management (CHPPM) at the School of Health Systems Studies at the Tata Institute of Social Sciences in Mumbai. Between 2007 and 2014 as the first Chair he provided academic leadership to the centre and nurtured it to become a centre of excellence. He has over two decades of experience as a teacher, trainer, researcher and human resources development practitioner in the field of public health and health management.

His professional skills mainly include public health, primary health care, applied research, health promotion and professional education. He has extensive experience of collaborating and working at the highest level in government, the public sector and academic research institutions at regional, national, and international levels. He enjoys and thrives in challenging social, political, and physical environments and has extensive experience in leading and managing multi-cultural and multi-disciplinary teams.

Prof Das has published widely in reputed peer reviewed journals and books on diverse areas such as public health, mental health, sustainable development, wellbeing and prosperity. The focus of his work within literature is focussed on evidence-informed policy and practice across the spectrum of public health issues and strategies. He is also on the editorial board of several internationally recognised scientific publications. He participates in national and international scientific advisory committees and technical resource groups in many key national and international organisations of both low and middle-income countries.

Prof Das was invited by the World Health Organization and the Ministry of Health, Union of Myanmar as a consultant to advice on national capacity building and provide technical expertise to improve behavioural components of health care delivery in Myanmar. As part of human resource development initiatives in Bangladesh, he was invited to design and deliver a series of high-quality capacity building programmes for multi-disciplinary health care professionals in health care management in the country. Furthermore, in 2009, he was awarded the prestigious globally recognised TISS-LSE Faculty Fellowship to pursue a post-graduate degree at the world-renowned London School of Economics and Political Sciences in London (LSE). This led to him developing, a now well-recognised, Masters in Public Health in Health Policy, Economics and Finance at the Tata Institute of Social Sciences in Mumbai.

He was also employed as a research associate at the Personal Social Services Research Unit based at the London School of Economics where he studied ethnic minority patients' access to mental health services in the UK. Subsequently, he spent a year as visiting fellow to the same institution and worked on the difference in mental health and long term care policies between the UK and India.

He was invited to be visiting Professor to the College of Medicine at the University of Vermont in USA to lead a summer course on integrated and holistic health practice for post-graduate students. In 2014, he was awarded the prestigious Fogarty post-doctoral research fellowship to gain advanced skills in chronic non-communicable disorders and diseases across the life span at the Department of Public Health at the University of Florida in USA. This was supported by the world-renowned National Institute of Health. In 2018, he was recipient of a national fellowship for global health studies of the Indian Council of Social Sciences Research and was nominated to be visiting scholar at the School of Public Health and Information Sciences at the University of Louisville in America.

More recently, he has successfully led major funded projects for the World Health Organization, National Institutes of Health, Ford Foundation, Asian Observatory on Health Systems and Policies, LSE-UK, European Commission, Ministry of Health in India, Indian Council of Medical Research and Population Foundation of India. He had also initiated and developed academic collaborations with several universities of repute in Europe and the Americas wherein he has designed and delivered numerous high quality programmes including the Study India Programme (SIP) in Social Care Policy. He is internationally recognised in developing curriculum for several post-graduate and doctoral programmes in public health and health services management.

Dr. Sanjiv Kumar

Former Director (till September 2019)

Dr Sanjiv Kumar did his MBBS and MD from AIIMS, New Delhi, DNB in MCH and MBA in Strategic Management. He has 41 years of experience in public health across 29 countries. The public health work took him to Deserts of Rajasthan, Masai villages of Kenya, former Soviet countries in transition, conflict torn areas of Iraq, Somalia, Tajikistan and Uganda. He started as Medical Officer in Indian Army and then worked at grass root level at Primary Health Centres in Haryana and urban slums in Delhi. He taught Preventive and Social Medicine as Lecture in University College of Medical Sciences, New Delhi. He then joined UNICEF and worked for 22 years as health specialist in India and as Chief of Child Survival & Development and Senior Advisor in Iraq, Kenya, Uganda and Somalia and Regional Advisor for 22 countries in Central Asia, Central and Eastern Europe and Baltic States. His work covered strategic program reviews, planning, implementation, monitoring and evaluation, capacity building of semi-literate village volunteers, health workers, program managers, senior faculty of medical, nursing and paramedic colleges, strategic planning and managing of health programs. He came back to academics as Dean (Research, Training and Publications) where, in addition to teaching post graduate students, he developed and facilitated courses, for government officials and NGOs in leadership and strategic management for health officials from India, Bangladesh and Afghanistan and supervised research projects. He is an Adjunct Professor (Leadership, Global Health & Strategic Management) at INCLIN Institute of Global Health. As Executive Director at National Health Systems Resource Centre, he led a team of 120 staff to provide technical support to Ministry of Health and Family Welfare and 36 state and UTs governments in India for health system strengthening. Dr Sanjiv Kumar has published more than 100 papers in scientific and popular magazines and chapters in books. His current focus is on leadership and strategic management in health and health research. He has received many international and national awards in recognition of his contribution to public health in India and abroad, He has been conferred one international and three national fellowships in honor of his professional contribution. Dr Sanjiv Kumar is a committed teacher always keen to teach enriching his classes with his rich national and international experience. He was Director, International Institute of Health Management and Research till September 2019.

A K Khokhar

Professor and Dean (Training)

Dr. A K Khokhar is a Medical graduated with 3 post graduations in the field of Health Care Administration and Hospital Administration. Besides working in different positions in ESIC Medical services for 36 years, he has been teaching as visiting faculty at FMS, University of Delhi, and Institute of Management Studies, YMCA, New Delhi, for 24 years. He has also been a visiting faculty of IIMR, NIHF, SAIL and NTPC. He has organized several courses on Hospital Administration for Senior Doctors during his tenure at ESIC. He has been the Editor of Journal of Hospital Administration of IHA for ten years. He has carried out many studies and surveys on the role of hospitals in primary health care. . He has also written a book on Hospitals and Primary Health Care published by International Hospital Federation, London, UK. He has been proactive in developing professional management in hospitals and has developed several Case Studies. He has attended and presented papers on different aspects of Hospital

Management in various conferences at national and international levels. In his last assignment as Medical Superintendent at ESIC Model Hospital, Rajajinagar, Bangalore, he was instrumental in developing and starting Post Graduate Institute of Medical Sciences and Research, and Under Graduate Medical College, under ESIC. His main interests are in Hospital Operations and Management.

Dr. Pradeep Panda

Professor and Dean

(Academic & Student Affairs)

Dr. Pradeep K Panda is a Health Economist as well as a Demographer by training with significant experience in teaching, research and consultancy. Dr. Panda is a Professor of Health Economics at International Institute of Health Management Research (IIHMR) Delhi. He was the Project Coordinator for the implementation of National Family Health Survey 4 (NFHS-4) for the state of Odisha, and is also currently coordinating NFHS 5 as well. Prior to joining the IIHMR, he has worked in reputed national and international organizations in various capacities – Director of Research and Implementation (Micro Insurance Academy), Director of Rural Research (Institute of Rural Research and Development), Health Economist (Population Council), and Associate Professor (Centre for Development Studies). He has conducted several research projects in the health sector as a Principal Investigator / Project Director, published several research papers in reputed international journals on development studies and public health, co-edited a book published by the Oxford University Press. He has guided thesis/dissertation of seven researchers (one Ph.D. and six M.Phil in Applied Economics) who were awarded degrees by Jawaharlal Nehru University. He has a strong background in mixed-method research, impact evaluation, and systematic reviews. He was awarded two visiting research fellowships to conduct research at the International Institute of Social Studies, Erasmus University, The Netherlands (ICSSR and NWO/WOTRO Science for Global Development fellowship) and at International Centre for Research on Women, Washington DC (Ford Foundation fellowship). Dr. Panda is also a Visiting Professor at Institute for Human Development, New Delhi, and a Visiting Faculty at XSRM, Xavier University Bhubaneswar.

Dr. Sutapa Bandyopadhyay Neogi

Professor,

Dr. Sutapa B Neogi is a public health specialist actively engaged in research and teaching. An MBBS from Nil Ratan Sircar Medical College, Calcutta, and 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, she has excellent academic credentials. She has rich experience in public health and is particularly interested in the implementation of projects that is relevant 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. Her goal is to mentor students who can be change agents in future, those who can see through problems, explore them scientifically, be a link between disciplines (eg 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.

B S Singh

Associate Professor &

Associate Dean Research

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. Preetha GS

Associate Professor

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. Anandhi Ramachandran

Associate 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 nutri-genomics, implementation of health information technology in public hospitals and Mobile E-health Surveys.

Dr. Manish Priyadarshi

Associate Professor

Dr. Manish Priyadarshi has a M. Phil and PhD in urban health from Jawaharlal Nehru University, India; Manish Priyadarshi 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 Priyadarshi, 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 Priyadarshi is currently working as an Associate Professor (Public health) at IIHMR, New Delhi. He teaches the courses- Public health, Health Economics and Organizations Management.

Dr. Nitish Dogra

Associate Professor

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. 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.

Ms Nikita Sabherwal

Associate Professor

Ms Nikita Sabherwal is a Healthcare Administration & Healthcare Quality professional with over 18 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 has been

Medical operations, Healthcare Quality, Setting up new ventures, HR Management, Business Development , Process mapping .

Ms. Divya Aggarwal
Assistant Professor &

Assistant Dean (Academics and Student Affairs)

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 12 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. She 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. She is also pursuing her PhD from Amity University in the area of Talent management.

Dr. Pankaj Talreja
Assistant 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.

Dr. Vinay Tripathi
Assistant Professor

Dr. Vinay Tripathi 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 and was involved in teaching courses on Demography, Research Methodology, Health Survey and MIS in Healthcare. With more than five years of rich experience in the field of research and development, he has coordinated and evaluated different projects related to health, 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 in a book of international repute.

Dr. Sumesh Kumar
Assistant Professor

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. 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.

Staff

RESEARCH

Senior Research Officer

Manoj Kumar, PhD

Research Officer

Vineet Kumar Balyan , PGDHM

Jaswinder Kaur, PGDHM

Vidya Sagar Trigun, PhD

Masroor Azam, M.Sc.

Priyanka Mehta , MBA

ADMINISTRATION

Sr.Manager (A&P)

Suja Ram Jat, MBA

Admin. Officer

Surya Prakash Sharma, MBA

Manger Marketing (Marketing & Admission)

Rinku Singh, PGDJMC

Business Development Officer

Shalini Yadav , PGDHM

Steno Typist

Sunil Kumar, B.com

Front Office Assistant

Suman Lata, BA

TRAINING

Assistant. Manager (Training)

Shikha Bassi, MBA

Training cum Research Assistant

Pawan P.Raje, BA

ACADEMICS

Academic Officer

Tarun Nagpal, MCA

Academic Executive

Sushila Sherawat, MA

Admission Counselor

Niddhi Bagga ,B-Tech

Placement & Alumni relations officer

Ashish Tiwari, MBA

Academic Assistant

Shashee Sharma, MBA

FINANCE & ACCOUNTING

Assistant Manager (F & A)
Jaipal Singh, CA

Accountant
Jagdish Prasad Sahu , B.com

Account Assistant
Amit Kumar Sah, B.Com

Account Officer
Rajat Mohan, MBA

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

Library is the backbone of any academic institution. The library at IIHMR, New Delhi also acquires a prominent place among the students and faculty. Located at 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 **8052** books, having **6020** 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 100 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 510 CD-ROM and databases, from India and overseas, like Pro-Quest Health Management, Indiastat, and J-Gate Database, EBSCOhost e-books and Ebrary.

E-Books: IIHMR Library has subscribed to EBSCOhost – **eBooks academic subscription collection** for all IIHMR campus libraries. There are more than **195,346 eBooks** in this package, including titles from leading university presses and coverage with all Academic subject 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; Sage Publications, Ltd. and John Wiley & Sons, Inc., etc. The Subject coverage includes: Organizational Behaviour, Human Resource Management, International Management, Research Methodology, Supply Chain Management, Operations Research, Strategic Management, Management Information System, Consumer Behaviour & Marketing Communication, Business & Economics, Language Arts & 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 includes:

- **ProQuest Health Management with Hoovers Company (Full-text) online database**
- **J-Gate Social & Management Science (JSMS)**
- **Indiastat Database**
- **DELNET open access database**
- **Digital Library**
- **EBSCOhost – eBooks academic**
- **Ebrary ProQuest**

Electronic Resource Centre: The library, being a member of 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 886 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 introduced to promote and support digital & paperless reading through this facility. Presently five kindle paper white with unlimited eBook package 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 for making 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.

Opening Time: The Library is open throughout the year from 9.00 AM to 7.30 PM on all working days and 9.00 AM to 5.00 PM on 2nd and 4th Saturdays and Sundays.

For more details, you can also log on to <http://192.168.100.252/> visit our IIHMR Delhi Website <https://www.iihmrdelhi.edu.in/about-us/library/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 (IIHMR), 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.

INSTITUTE OF HEALTH MANAGEMENT RESEARCH (IIHMR), KOLKATA

IIHMR Kolkata is an upcoming centre of IIHMR Society and takes forward the organizational mission of professionalising healthcare by responding to research, training and consultancy needs in eastern and north-eastern India. Like its counterparts in Jaipur, Bangalore and Delhi, IIHMR Kolkata provides the professional expertise and rigour that has become synonymous with IIHMR in India and abroad, expanding the frontiers of knowledge and strengthening programme management and capacities to secure people's health in the region. The engagement of IIHMR Kolkata with various stakeholders in eastern and

north-eastern states of India dates back several years. The Institute has played a central role in evidence generation, systems strengthening and program evaluation in the region. Different states in the region have been the exclusive focus of various studies undertaken by the Institute. To cite a few examples, IIHMR has imparted management training to officials of the Department of Health, Government of West Bengal. In 2008, the Institute undertook the midterm review of West Bengal Health Systems Development Initiative. Some other projects in the recent past include: HIV/ AIDS Prevention and Care Programme for Rural and Tribal Youth (Orissa), Taskforce Study of Cardiovascular Disease Related Lifestyles and their Behavioural Determinants among Different Population Groups in India (West Bengal), Mapping of Private Health Facilities in Ranchi (Jharkhand), Study on Accessibility and Utilization of RNTCP Services by Scheduled Castes and Scheduled Tribes (Orissa, Manipur), Rapid Assessment Survey of Blindness (Sikkim), Cost-Effectiveness of Gender Sensitisation Strategies in Revised National TB - Control Program (RNTCP) (Orissa), Evaluation of NGOs Under National Programme for Control of Blindness (Orissa), A Study on Organizational Structure and Development of Human Resource Development Policy (Jharkhand), Drug Policy (Jharkhand), Appraisal and Evaluation of Mother NGOs under The World Bank Assisted Reproductive and Child Health (RCH) Programme (Sikkim, Tripura, Bihar), etc. IIHMR Kolkata takes forward the association by concentrating on health and healthcare issues in eastern and north-eastern India.

Editorial Team

Shankar Das, A. K. Khokhar, Vinay Tripathi, Divya Aggarwal, Preetha GS,
B S Singh, Sujaram Jat, Shikha Bassi, Tarun Nagpal,
Sukesh Bhardwaj, Jagdish Prasad, Pawan Raje



International Institute of Health Management Research

Plot No. 3, Sector 18A, Dwarka, New Delhi - 110075 | Ph.: 011-30418900 | Mob: +91 9560400592 | Fax: 011-30418909

Toll Free No.: 1800 102 9120 | E: info.delhi@iihmr.org | W: www.delhi.iihmr.org



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