FACULTY DEVELOPMENT PROGRAMMEON
Telemedicine: A Digital Solution to Achieve Universal Health Coverage

January 29 – February 3, 2024

Venue: International Institute of Health Management Research,New Delhi

About the Organizer

Our Mission

The International Institute of Health Management Research (IIHMR), Delhi is an institution dedicated to the improvement in standards in 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.

Thrust Area

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

- Primary Healthcare Management
- Population and Reproductive Health
- Health Economics and Finance
- NGO Management and Networking
- Hospital Management
- Management and Evaluation of Health Programmes
- Health Technology Assessment
- Implementation Research
- Digital Health

Rationale

Telemedicine is usually defined as a combination of both technologies and devices able to remotely gain information about a patients' health status, to provide care. It has been widely adopted for chronic disease management and in rural and geographically inaccessible areas. Steep telehealth adoption during COVID-19 pandemic for prevention of the infection spread, treatment, and management of Covid-19 and chronic diseases has proven its usability and importance in provision of healthcare services. Universal Health Coverage (UHC) is a fundamental goal of many countries' health systems. It is one of the goals of Sustainable Development Goals and G20 Agenda. The idea that every individual can have access to quality healthcare regardless of income or status can be supported by Telemedicine.

The purpose of the current FDP is to provide an overview of telemedicine in the context of universal health coverage, various components involved, barriers, challenges, learnings from past and ongoing implementations, and the opportunities involved. It is aimed at equipping the participants with uptodate information in Telemedicine in the context of post pandemic digital advances.

Course Contents

- **Introduction To Telemedicine**
- **Components of Telemedicine**
- **Telemedicine in Indian & Global Context**
- **Telemedicine Implementation Cases**
- **Evaluation of Telemedicine Implementation**
- **Barriers to Adoption**

Objectives

- To provide an in-depth understanding on utilization of Telemedicine as a vehicle for universal health coverage
- To enhance the knowledge and understanding of sustainable Telemedicine implementations by sharing of learnings by Industry implementors

Outcomes

We anticipate that this workshop session can be swiftly and easily adopted to provide additional knowledge related to Telemedicine. We believe that learners should have the opportunity to develop and optimize a technical foundation best introduced through skills building outside of practice. After attending the FDP, the participants

- Will acquire a basic telemedicine knowledge and skills that will increase their confidence in this domain.
- Will give a clear understanding of various components of Telemedicine.
- Will foster opportunities for interacting with Telemedicine experts
- How to ideate, design and implement Telemedicine related research and projects.
- To evaluate Telemedicine projects for sustainability

Target Audience

Multidisciplinary Faculty, Research Scholars, PG Scholars from the department of Engineering, Computer Science, Lifesciences, Biochemical Technology, Public Health, Hospital Administration, Health Information Technology, anyone interested in designing and implementing Telemedicine related projects.

Chief Patron: Prof Sutapa B Neogi, Director, International Institute of Health Management Research,Delhi

FDP Coordinator: Dr. Anandhi Ramachandran, Professor, IIHMR Delhi

FDP Co-Coordinator: Ms Divya Agarwal, Assistant Professor, IIHMR Delhi

Resource Persons

- Dr Ratika Samtani, Assistant Professor, IIHMR Delhi
- Dr. Shashi Bhushan Gogia, President SATHI
- Dr. Sheila John, Head of Teleophthalmology & eLearning, Shankara Nethralaya, Chennai
- Mr Partha Dey, Founder, U4Rad
- Dr. Radhikha Adholeya , Director, Uniworld Health solutions
- Dr Sanjiv Sood, E-Sanjeevani
- Dr Haleema Yezdani, Teleconsultant, Telemedicine Society of India, Kerala
- Dr Pankaj Gupta, Digital Health Head, WISH Foundation

AICTE Sponsored Faculty Development Program On Telemedicine: A Digital Solution to Achieve Universal Health Coverage International Institute of Health Management Research Delhi					
Day 1	**Day 2**	**Day 3**	**Day 4**	**Day 5**	**Day 6**
9:00 - 9:30 Inauguration					
9:30 - 12:00 **Session 1** The evolution of Telehealth: Where we have been and Where are we going?	**9:30 - 12:00** **Session 3** Telemedicine in India	**9:30 - 12:00** **Session 5** Telemedicine Design Components	**9:30 - 12:00** **Session 7** Affordable Telemedicine for Chronic Disease Management	**9:30 - 1:00** **Industrial Visit**	**9:30 - 12:00** **Session 10** Telemedicine: Global Perspective
12:00 – 1:00 Telehealth- Basic Components	**12:00 – 1:00** Article Discussion	**12:00 – 1:00** Telehealth & Remote Monitoring – Key Aspects	**12:00 – 1:00** Article Discussion		**12:00 – 1:00** Reflection Journal
1:00 – 2:00 Lunch	**1:00 – 2:00** Lunch	**1:00 – 2:00** Lunch	**1:00 – 2:00** Lunch	**1:00 – 2:00** Lunch	**1:00 – 2:00** Lunch
2:00 – 4:30 **Session 2** Telehealth Guidelines and Impact of Data Protection Bill	**2:00 – 4:30** **Session 4** e-Sanjeevani – A step towards Universal Health Coverage	**2:00 – 4:30** **Session 6** Workforce development for sustainable Telemedicine Implementation	**2:00 – 4:30** **Session 8** Telemedicine during Disaster	**2:00 – 4:30** **Session 9** Telemedicine Evaluation Models	**2:00 – 4:00** **MCQ, Feedback 7 Interactions**
4:30 – 5:30 **Practical sessions-** Empathy Map	**4:30 – 5:30** **Practical sessions-** Discussion Forum on Telemedicine Guidelines	**4:30 – 5:30** **Practical sessions-** Stress Management & Work-Life Balance (Gamification)	**4:30 – 5:30** **Webinar –** Sharing of Pandemic & On-going Telemedicine Experiences	**4:30 – 5:30** **Practical sessions-** Innovation Sprint on Telemedicine for Universal Health Coverage	**4:00 – 5:00** **Valedictory Session**