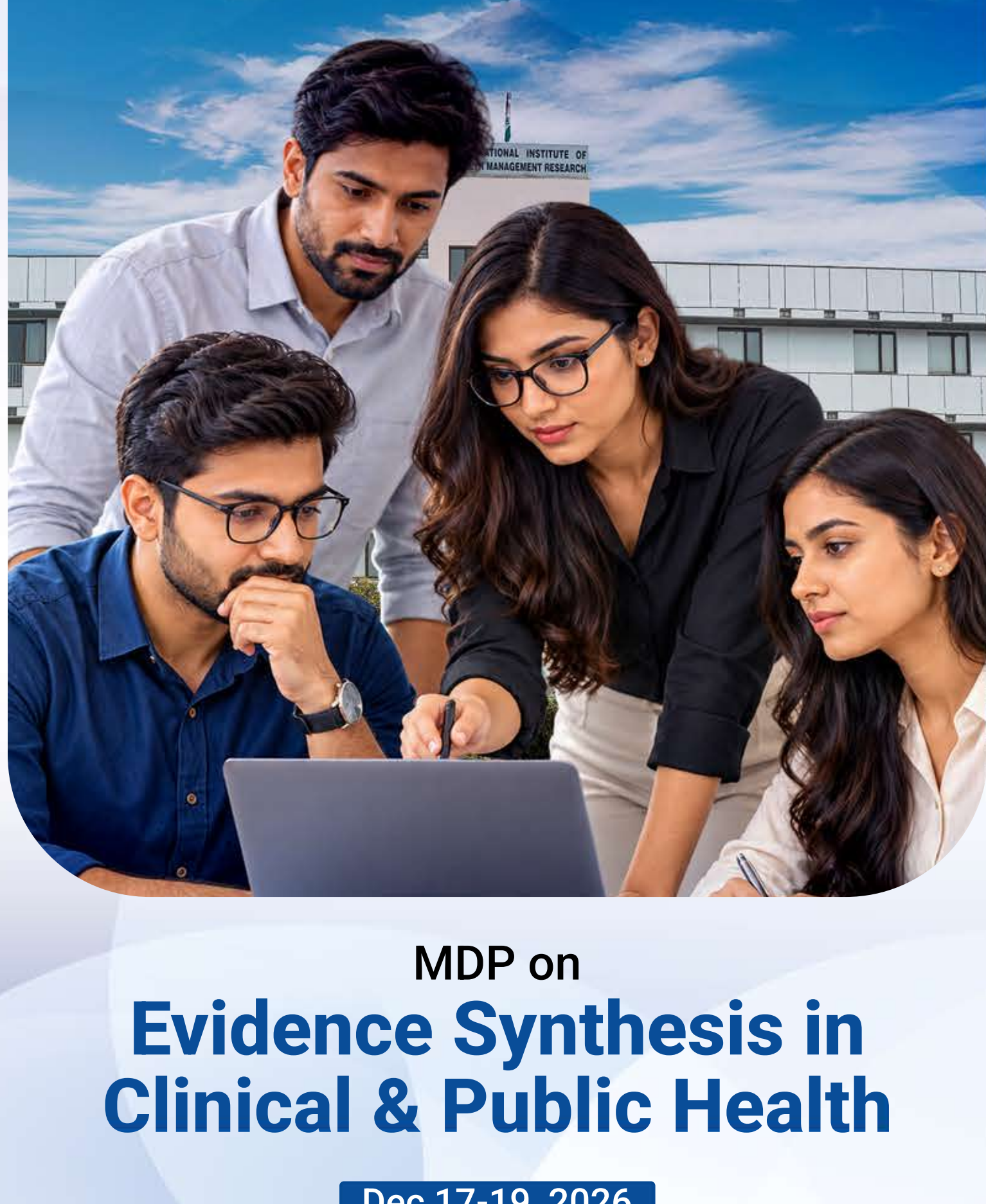




MDP on Evidence Synthesis in Clinical & Public Health

Dec 17-19, 2026

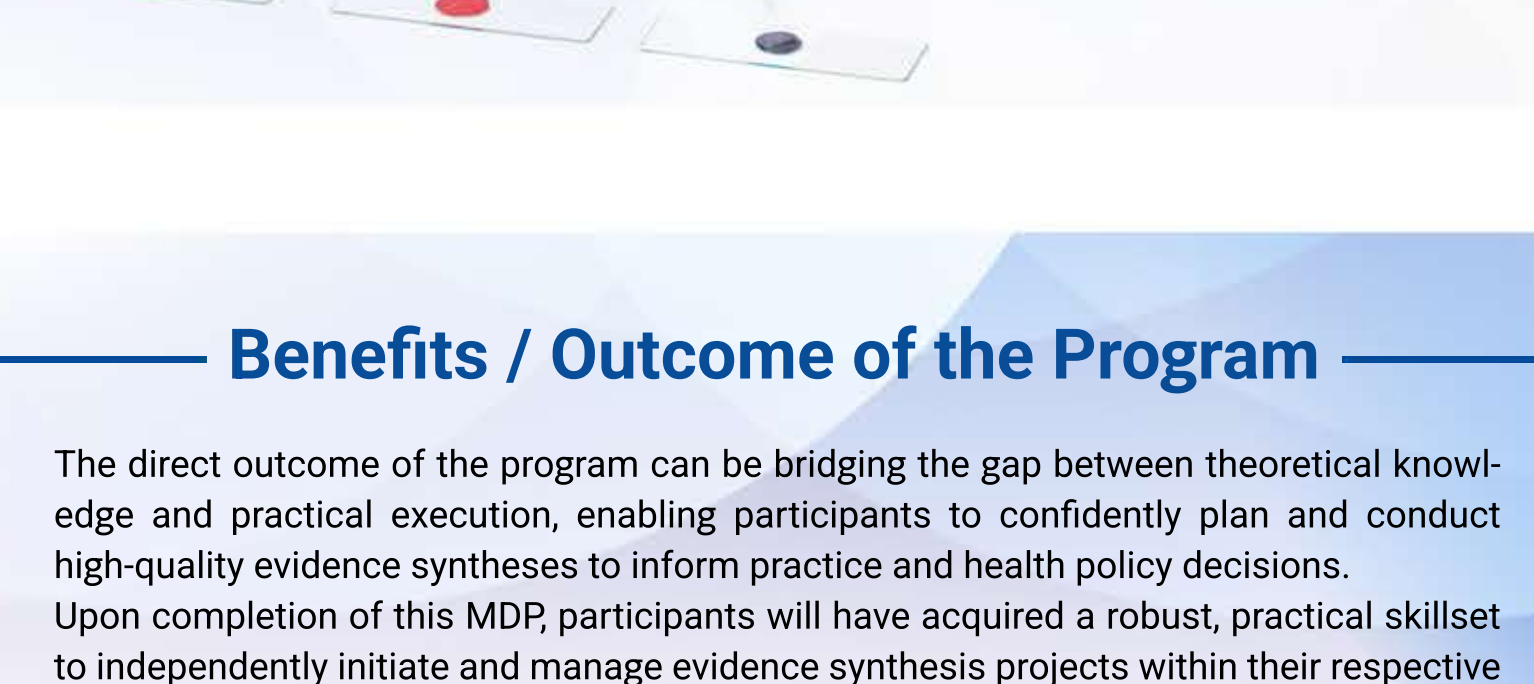
About the Course

The Management Development Programme (MDP) on Evidence Synthesis in Clinical and Public Health, is designed to equip healthcare professionals, researchers & academics with the essential skills to navigate the growing volume of research evidence. The programme provides a comprehensive, hands-on introduction to the fundamental principles and practical methodologies of evidence synthesis. Participants will explore various types of reviews, including systematic, scoping, rapid, living, and evidence and gap maps, understanding their appropriate applications through real-world case studies. The curriculum is structured to guide attendees through the entire systematic review process, from formulating a robust review question to developing comprehensive search strategies, screening studies using AI-powered tools like Rayyan, and extracting data. Advanced sessions cover critical appraisal of diverse study designs, basic meta-analysis using MS-Excel, and GRADE assessments for evaluating evidence quality. A significant portion of the MDP is dedicated to protocol development for different synthesis types, with individual and group work sessions ensuring practical application and personalized feedback.

Learning Objectives

The broad learning objectives of the MDP is to navigate the growing volume of research evidence. The specific objectives are as follows:

- Formulate a clear and answerable review question using a structured 4-step approach.
- Develop and execute comprehensive search strategies for bibliographic databases like PubMed, utilizing search filters and AI tools.
- Apply inclusion/exclusion criteria and use Rayyan software, including its machine learning features, for efficient study screening.
- Design data extraction grids and perform critical appraisal of various study types, including RCTs and observational studies.
- Conduct a basic meta-analysis using MS-Excel and understand the principles of network meta-analysis and GRADE assessment.
- Develop a structured protocol for systematic, scoping, or evidence and gap map reviews.



Benefits / Outcome of the Program

The direct outcome of the program can be bridging the gap between theoretical knowledge and practical execution, enabling participants to confidently plan and conduct high-quality evidence syntheses to inform practice and health policy decisions. Upon completion of this MDP, participants will have acquired a robust, practical skillset to independently initiate and manage evidence synthesis projects within their respective fields. They will be adept at navigating the information tsunami, distinguishing between different review types, and selecting the most appropriate methodology for their research question. The hands-on training with industry-standard tools like Rayyan and MS-Excel ensures that attendees gain proficiency in using technology to streamline the review process, from automated screening to quantitative data synthesis. Furthermore, the programme fosters a critical mindset, enabling participants to rigorously appraise the quality of published research and assess the certainty of evidence using GRADE. The dedicated protocol development sessions, coupled with expert feedback, will empower each participant to translate their learning into a concrete action plan, providing a clear roadmap for their own full-scale review. This MDP not only enhances individual research capacity but also strengthens institutional capabilities to produce high-quality, evidence-based recommendations that can directly improve clinical guidelines, public health interventions, and policy decisions, ultimately contributing to better health outcomes.

Course Outline/Content

Evidence Synthesis & Review Types

Critical Appraisal & Risk of Bias

Review Question & Protocol Development

Meta-analysis & Quantitative Synthesis

Search Strategy & Information Retrieval

Advanced Evidence Synthesis

Screening & Rayyan

GRADE & Certainty of Evidence

Data Extraction

Protocol Development Workshop



Target Audience

- Healthcare professionals, researchers, and academics
- A dedicated student/researcher/professional exploring various types of reviews, including systematic, scoping, rapid, living, and evidence and gap maps, understanding their appropriate applications through real-world case studies

Participation Fee

National Participants **Rs.40,000/- INR + applicable GST**

International Participants: **\$ 450 USD**

[Applicable Discount](#)

Early Bird Discount: **Confirm your seat before 15th November 2026 and Avail**

Discount of 15% on Course Fee

Group Discount: **20% on Course Fee on Registration of 3 or More Candidates**

Local Participants (without accommodation)

Rs.20,000+ per participant inclusive of GST

Student discount (without accommodation)

Rs.15,000+ per participant inclusive of GST

Registration Link

<https://forms.office.com/r/f1aCKxzALp>

Account Details:

Account Name: IIHMR DELHI

A/c No : 50100540078871

IFSC Code : HDFC0000249

Bank Name : HDFC BANK

Scan QR to Register



Resource Persons



Dr. Denny John

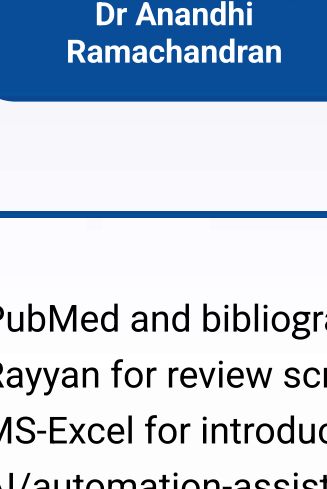
Dr. Denny John is a public health researcher and health-economics expert with extensive experience in evidence synthesis, health economics, Health Technology Assessment (HTA), implementation science and public health research. He is currently a Senior Fellow at the Institute of Health Economics, Epidemiology and Translational Sciences (IHEETS), Kerala, and holds academic affiliations with Adelaide University and Christian Medical College, Vellore. He has over 170 peer-reviewed publications and has contributed to national clinical practice guidelines, HTA initiatives and evidence-informed health policy. His professional experience spans academia, research, consulting and healthcare management, with previous roles at organisations including Campbell South Asia, ICMR-National Institute of Medical Statistics, IQVIA and MS Ramaiah University of Applied Sciences. He has also mentored researchers & students in systematic reviews, evidence synthesis, health economics and HTA.



Dr. Mukesh Ravi Raushan

Expertise: Monitoring, Learning and Supervision, Data Management and Analysis, Large Scale Sample Survey, Statistics, Demography, Research and Sampling Design, Statistical Software [Stata, SPSS, R, Python].

Dr. Mukesh Ravi Raushan is Assistant Professor at International Institute of Health Management Research, Delhi. With a doctorate from International Institute for Population Sciences (IIPS), Mumbai, he is a demographer by training and having interest in empirical methods like causal analysis, simultaneous equation modelling and inferential statistics. His work focuses on, but not limited to demography, nutrition, adolescent, urban health, ageing and society. In recent years, he has written extensively on adolescent health, ageing, and survey methods. Dr. Raushan has published over 18 articles, chapters, and scientific reports. His expertise in monitoring, learning and evaluation; large scale survey, data analysis, implementation research, impact evaluation, process evaluation, economic evaluation and survey research is an asset. He is member of many national and international professional society including "Centre for Ageing Studies". In recent years, Dr. Raushan largely worked on health & mortality, disease burden, abortion and sexual health, and critical global health. For monitoring, learning and supervision, other than research, he remained resourceful on research methodology, survey research methods, data structure, management, and analysis. His area of interest is Applied Statistics, Applied Demography, data quality assurance, public policy, programme evaluations particularly health technology assessment and intervention studies. Before joining IIHMR-Delhi, he was associated with Longitudinal Ageing Study in India (LASI), International Institute for Population Sciences (IIPS); Situation of Adolescent, Dasra, Impact Foundation; Evidence Action, and Sigma Research.



Dr. Anandhi Ramachandran

Anandhi Ramachandran is a Professor of Digital Health at the International Institute of Health Management Research, Delhi and Fellow, International Academy of Health Sciences Informatics. She brings over 26 years of academic, research, and training expertise at the intersection of healthcare information technology, public health and hospital with a core focus on health data analytics, ethical use of AI, public health informatics, telemedicine and m-health solutions.

Tools & Techniques

- PubMed and bibliographic database searching
- Rayyan for review screening and management
- MS-Excel for introductory data handling and quantitative exercises
- AI/automation-assisted research tools, with appropriate methodological oversight
- Structured critical-appraisal tools
- PRISMA 2020 reporting framework
- GRADE framework
- Hands-on exercises and guided demonstrations
- Case-based learning and group discussions
- Individual/group protocol-development exercises

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