

Inperson Workshop on

SYSTEMATIC REVIEW AND META-ANALYSES IN PUBLIC HEALTH RESEARCH

3 DAYS | 19th to 21st February, 2025
ENROLLMENT OPEN



Course Outline: Key topics to be covered

Systematic Review

- Formulate the review question
- Define inclusion and exclusion criteria
- Developing a search strategy
- Selection of studies
- Extract data
- Assess study quality
- Analyze and interpret results
- Critically appraise the results

Meta-Analyses

- Forest Plot
- Funnel Plot
- Subgroup Meta-Analyses
- Cumulative Meta-Analyses
- Trim and fill analysis
- Heterogeneity Test
- Publication bias
- Meta-Regression

Introduction

A systematic review is a scientific method of inspecting the critical results of relevant literature, and it is different from traditional narrative reviews. Systematic reviews require a careful analysis of the quality, quantity, and consistency of research findings. A meta analysis is a statistical analysis combining multiple scientific studies & results. Meta-analyses can be worked when numerous scientific studies address the identical question, with each study reporting measurements that are expected to have some error.

Course Objective



To understand the process of systematic review and writing of critical findings.



To develop a thorough understanding of Meta-Analyses.

Upon successfully completing this course, participants will be able to understand the following elements of Systematic Review and Meta-Analyses.

RESOURCE PERSONS



Dr. Gyan Chandra Kashyap

Dr. Gyan Chandra Kashyap is a Demographer as well as a statistician and working as an Associate Professor at the Institute of Health Management Research, Bangalore (IIHMR-B), Bangalore. He has completed M.Sc. in Statistics and M.Phil. and PhD. in Population Studies. He teaches Biostatistics and Demography and advanced demographic techniques of data analysis. His research areas of interest are occupational health, disease epidemiology, tobacco, nutrition, and women's issues. Dr. Gyan's research has been published in leading national and international journals.



Mr. Gowhtamghosh B

Mr. Gowhtam is a trained Social Worker with an experience of more than ten years in the health sector; he has gained expertise in conducting health surveys and program evaluations. He has upgraded his skills by attending the Public Health program at Bloomberg School of Public Health, Johns Hopkins University, USA, and IIHMR University, Jaipur. He has been part of national and state-level large-scale surveys in India and Afghanistan.

Program Fees: Rs. 5000/-

Participation is restricted to 30 participants only.

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<https://bit.ly/SRMAinPHR>



Who can attend?

The course is designed for the researchers & academicians involved/interested in public health research, survey research, community health program, population-based study, policy planning etc. In addition to the above target audience, this program is also structured for researchers of varied professions such as medicine, life science, social science, nursing, epidemiology, biostatistics, etc. Of course, young academic researchers, including but not limited to postgraduate students, MPhil, PhD scholars, and young and early career investigators who want to pursue their career in public health, may join the course.

What we provide?

Access to the computer lab, course material (soft copy), tea and working lunch during the training days, and training certificate upon successful completion.

About-IIHMR Bangalore

IIHMR, Bangalore is a premier Institute for Hospital and Health management education in South India. IIHMR Bangalore was founded in the year 2004 as the south campus of IIHMR Group of Institutions offering a flagship program in Hospital and Health Management. In the year 2010, IIHMR, Bangalore Campus received AICTE approval for PGDM courses. In the year 2015, IIHMR Bangalore received NABET Accreditation as a Consultancy organization for NABH. It was also ranked as the Top Hospital Management College by Higher Education Review Magazine. In the year 2018, IIHMR Bangalore received an MBA equivalency from the Association of Indian Universities (AIU) and IIHMR Bangalore was accredited by the National Board of Accreditation (NBA). IIHMR, Bangalore motive is to create a positive impact in the dynamic health sector through knowledge creation, capacity development, & management research.

VENUE

Institute of Health Management Research
Near Thimma Reddy Layout, Hulimangala Post,
Electronic City Phase-I, Bangalore-560105

PHONE

+91-9535266665

trainings@iihmrbangalore.edu.in

www.iihmrbangalore.edu.in