



# 46<sup>th</sup> Annual Conference of Indian Association of Medical Microbiologists



**Atal Bihari Vajpayee Scientific Convention Center, Lucknow**

## Pre Conference CME cum Workshop

### **Introduction to Conducting a Systematic Review**

**Objectives of the workshop:** To provide participants with an understanding of the basic principles of conducting a systematic review, including the key steps involved in planning and executing a review.

**Current relevance of the topic:** Systematic reviews are essential in evidence-based practice, providing a rigorous approach to synthesize research findings, inform healthcare decisions, and address current knowledge gaps in various fields, fostering high-quality research and informed decision-making.

**What will you gain from attending the workshop?** Participants will gain essential skills and knowledge to design, conduct, and analyze systematic reviews, enabling them to contribute to evidence-based research, publish high-impact studies, and make informed decisions in their respective fields.

**Who is the target population?** Researchers, academics, healthcare professionals, postgraduate students, and anyone involved in conducting or using systematic reviews to inform evidence-based practice, policy development, or decision-making in various fields, including healthcare, public health, social sciences, and other academic disciplines.

**Short description of expertise of key resource persons:** Experienced researchers or reviewers with expertise in conducting systematic reviews Assistants or co-trainers to help with the practical activities and facilitation

## Detailed Agenda

Topic	Speaker	Duration
Registration		8:00 AM – 9:00 AM
Introduction to Systematic Reviews Definition and types of systematic reviews Importance and benefits of conducting a systematic review Basic principles of systematic review	Dr Balendra Pratap Singh	9:00 AM – 10:00 AM
Developing a research question	Dr Neeraj Kumar	10:00 AM – 10:30 AM
Developing inclusion and exclusion criteria		
Screening and selection of studies Literature search	Dr Hardeep Singh Malhotra	10:30 AM – 11:00 AM
Quality assessment	Dr UC Ghoshal	11:00 AM – 11:30 AM
Meta-analysis and statistical methods	Dr Kameshwar Prasad	11:30 AM – 12:30 PM
SPSS software	Dr Imran Rizvi	12:30 PM – 1:00 PM
Lunch Break		1:00 PM – 1:30 PM
Reporting and presenting the findings	Dr Ravi Uniyal	1:30 PM – 2:00 PM
Forest Plot	Dr Shweta	2:00 PM – 3:00 PM
Software needed for systematic review	Dr Rahul Kumar	3:00 PM – 3:30 PM
PROSPERO	Dr Richa Khanna	3:30 PM – 4:00 PM
How do I do it?	Dr UC Ghoshal Dr Ravindra Kumar Garg	4:00 PM – 5:00 PM
Questions and answers	All the experts	5:00 PM – 5:30 PM

#### Resource person:

#### **Dr. Ravindra Kumar Garg**

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