

# Short Course on Introduction to Systematic Review and Meta Analysis in Health Research

**26-27-28 November 2024**  
9:00 am - 5:00 pm

## ABOUT THE COURSE

This three-day course will provide participants with an introduction to basic components of systematic reviews; from research question to protocol development, data collection, analysis and interpretation.

## DURING THE COURSE YOU WILL LEARN

- Introduction to and rationale of systematic reviews in health research
- Question formulation and protocol development
- Sources of evidence and searching for literature
- Screening relevant literature by applying inclusion/exclusion criteria
- Critical appraisal of evidence using standardized quality checklists
- Develop a data extraction form, extract and manage relevant outcomes from included studies
- Select appropriate methods of evidence synthesis and be able to describe and summarize key results
- Qualitative approaches: Framework analysis
- Introduction to concepts and basis of meta-analysis
- Quantitative Approaches: Narrative Synthesis, Meta-Analysis
- Writing reports following standard formats for systematic reviews

Course Fee: **BDT 9000**

Registration Deadline: **THURSDAY 21 NOVEMBER 2024**

Fee Submission Deadline: **SUNDAY, 24 NOVEMBER 2024**

**ENROLMENT ON FIRST COME, FIRST SERVED BASIS**

This is a non-residential **INPERSON** course.  
The course fee includes training materials, tea, snacks, and lunch.

## WHO CAN APPLY FOR THIS COURSE?

Researchers including clinicians, nurses, epidemiologists and public health practitioners, who are interested in learning the key concepts involved in the design and production of high-quality systematic reviews. Although examples used during the course will be taken from the health literature, the underlying concepts taught are applicable to other disciplines and applications from those interested in systematic reviews of non-health research literature are also welcomed. It is assumed that participants will have no prior experience of conducting systematic reviews, however will have a basic understanding of statistics and epidemiological study designs.

## COURSE FACILITATORS



**Dr Nafisa Lira Huq**, Adjunct Faculty at BRAC James P Grant School of Public Health (BRAC JPGSPH), BRAC University, where she is responsible along with an expert team to conduct the short course on the systematic review. Dr Huq has more than 22 years scholarly involvement in implementation research and her mentoring range widely, from Sexual and Reproductive Health to implementation research in and outside icddr,b. She had completed several systematic review projects targeting significant public health issues for the Southeast Asia and published widely.



**Razib Mamun**, PhD, Visiting Researcher, Graduate School of Medicine, Nagoya University, Japan. Dr Mamun an author and member of the Cochrane Collaboration, specializes in conducting systematic reviews addressing critical clinical and public health issues. He has conducted workshops in Bangladesh and Japan, empowering researchers to conduct high-impact evidence synthesis. Dr Mamun's dedication to advancing evidence-based practice extends through collaborative training with institutions like icddr,b, Bangabandhu Sheikh Mujib Medical University (BSMMU) and Nagoya University.

**HOW TO APPLY:** Please follow this Link <https://forms.gle/rwUT81ujGJVJo5ih6> to complete the **REGISTRATION FORM** and submit by **THURSDAY 21 NOVEMBER 2024**. You will be notified about the payment method when your application is accepted. Your seat will be confirmed upon completion of full payment.

ORGANISED BY

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SCAN TO REGISTRATION  
FOR THE COURSE