



# HANDS-ON WORKSHOP ON META-ANALYSIS

Interested candidates can apply here <https://redcap.link/llvqr74r> up to 5<sup>th</sup> March, 2024 with a short write-up on whether they have attended previous meta-analysis workshop/have published meta-analysis article before/ have attended any lecture on meta-analysis before/ have some idea about meta-analysis/First time experience with meta-analysis.

## Topics to be covered

- Development of a complete protocol.
- Live demonstration of search in databases.
- Efficient screening of the literature for relevant studies, documenting the process, importing search results into covidence or Rayyan.
- Generation of PRISMA Diagram.
- Data extraction: from reporting study characteristics to cleaning data for quantitative synthesis.
- Deriving and visualising summary estimates for different types of outcomes using RevMan Software.
- Interpretation of forest plot.
- Assessing the heterogeneity between different studies, and interpreting this correctly.
- Study quality assessment for different study designs using appropriate validated tools.
- Reporting bias and publication bias.
- Evidence quality and certainty assessment according to the GRADE framework.
- How are SRMAs used to inform clinical guidelines, public health recommendations and policy-making?

visit RIMS website for registration:- <https://rimsranchi.ac.in>

or

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# HANDS-ON WORKSHOP ON META-ANALYSIS

Organized by:

Research Administration Cell

Rajendra Institute of Medical Sciences, Ranchi

VENUE: Research Administration Cell,

3<sup>rd</sup> Floor, Director Office, RIMS, Ranchi

Dates: 9<sup>th</sup> to 10<sup>th</sup> March, 2024

Seats: 35 Participants

## PATRON:

Prof. (Dr.) Raj Kumar, Director & CEO, RIMS, Ranchi

## CO-PATRON:

Prof. (Dr.) Vidyapati, Dean (Academic), RIMS, Ranchi.

Prof. (Dr.) Pradip K Bhattacharya, Dean (Research), RIMS, Ranchi.

Prof. (Dr.) Hirendra Birua, (Medical Superintendent), RIMS, Ranchi.

## ORGANIZING SECRETARY:

Dr. Amit Kumar, Associate Professor and Head, Department of Laboratory Medicine, RIMS, Ranchi.

## JOINT ORGANISING SECRETARY:

Dr. Anupa Prasad, Additional Professor and Head, Department of Genetics and Genomics.

Dr. Arpita Rai, Associate Professor, Dental Institute.

Dr. Pushpanjali, Assistant Professor, Trauma Pathology, RIMS, Ranchi.

Dr. Saket Verma, Assistant Professor, Trauma Biochemistry, RIMS, Ranchi.

## SPEAKERS :

Dr. Anupa Prasad, Additional Professor, Department of Genetics and Genomics.

Dr. Manoj Kumar Prasad, Additional Professor, Department of Medicine.

Dr. S. B Singh, Additional Professor, Department of PSM.

Dr. Nishith M Paul Ekka, Associate Professor, Department of Surgery.

Dr. Dewesh Kumar, Associate Professor, PSM.

Dr. Arpita Rai, Associate Professor, Dental Institute.

Dr. Ganesh Chauhan, Associate Professor, Department of Genetics & Genomics.

Dr. Amit Kumar, Associate Professor Department of Lab Medicine.

Dr. Ankita Tandon, Associate Professor, Dental Institute.

Dr. Jay Prakash, Assistant Professor, Critical Care Medicine.

**A/C Name - RIMS Research Account**

**A/C Number - 40566983533**

**IFSC - SBIN0001672**

**REGISTRATION FEE: RS. 2,000/-**

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