DEPARTMENT OF STATISTICS
FACULTY OF MATHEMATICAL SCIENCES
UNIVERSITY OF DELHI

PRESENTS

Workshop

ON

"Statistical Meta-Analysis"

SEPTEMBER 23RD & 24TH 2021

RESOURCE PERSON
PROF. (DR.) GUIDO KNAPP
FAKULTÄT STATISTIK
TECHNISCHE UNIVERSITÄT DORTMUND

Convener

PROF. GURPRIT GROVER
HEAD, DEPT. OF STATISTICS
UNIVERSITY OF DELHI

Organizing team and contact :

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Who can participate?
Post-graduate students, Research Scholars and Faculty members in the field of Statistics

Registration link: https://forms.gle/vy3SSWn7dVdEQW7i7

Last Date for Registration: 20th Sept'2021

Workshop on Statistical Meta-Analysis

Organized by the Department of Statistics, University of Delhi

Resource Person-

PROF. (DR.) GUIDO KNAPP
Fakultät Statistik
Technische Universität Dortmund
Germany

Dates- 23 and 24 September 2021   *Duration-* Two days (9 hours- 4.5 hours each day)

Learning objectives and expected outcome of the workshop

By the end of the workshop the participants would be able to:
♦ understand the need for systematic review and (network) meta-analysis.
♦ understand the difference between "fixed effect" and "random effects" meta-analysis models.
♦ conduct meta-analysis for normal, binary, and survival outcomes.
♦ be aware of possible causes of heterogeneity and methods to test for its presence.
♦ understand how subgroup analyses and meta-regression can be used to explore heterogeneity.
♦ conduct multivariate meta-analysis and meta-analysis of diagnostic test accuracy studies.
♦ understand the basics of Bayesian meta-analysis.
♦ understand what indirect comparisons and network meta-analysis are.
♦ use R packages for meta-analysis.

Who can participate?
Post-graduate students, research scholars, and faculty members in the field of Statistics

Prerequisite:
Attendees should be familiar with R and its user interface. No special programming skills are necessary, but one should know what an "R object" is and be able to install and use R packages. The required R packages shall be installed at the beginning of the workshop.

Online platform- Zoom
Registration process:
For registration, please fill in the google form from the following link on or before **20th September 2021**. Registration is FREE and no fee is being charged for the workshop. However, only interested candidates should fill the registration form as there are only limited seats. Seats shall be filled using the first-come-first-serve principle. If anyone wants to withdraw their registration, they should immediately inform the organizers.

> Registration link: https://forms.gle/vy3SSWn7dVdEQW7i7

Please note: Participation certificate shall be given to only those participants who attend all sessions.
Detailed schedule of the sessions will be provided few days before the start of the workshop.

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