

Centre for Statistics
SRM Institute of Science and Technology

Training course on Systematic review and Meta-analysis

About the Course

This training course will introduce methods to perform systematic reviews and meta-analysis. How to formulate research question, define inclusion and exclusion criteria, search for the evidence, extract data, assess the risk of bias, and perform a meta-analysis will be covered in this course.

Course Content

1. Steps in conducting a systematic review
2. Develop research question using PICO framework
3. The process used to collect and extract data
4. Methods to critically assess the risk of bias of the studies
5. Perform and interpret the results of meta-analyses

Course Schedule

Day	1st Session 3.15 pm to 4.00 pm	2nd Session 4.15 pm to 5.00 pm
14.07.2021	Introduction to systematic review and meta-analysis	Framing a research question
15.07.2021	Search principles and Risk of bias assessment	Minimizing bias and qualitative synthesis
16.07.2021	Statistical methods for meta-analysis	Interpretation of results

Course Date

14th July 2021 – 16th July 2021

Participant Fee

500 INR/Person

Co-ordinator

Dr. M. Bagavandas (Head)

Course Instructors

Dhivya Karmegam

Raghul Gandhi

No of Participants: 73