

Centre for Statistics
SRM Institute of Science and Technology
Workshop 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 questions, 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
05.10.2020	Introduction to systematic review and meta-analysis	Framing a research question
06.10.2020	Search principles and Risk of bias assessment	Minimizing bias and qualitative synthesis
07.10.2020	Statistical methods for meta-analysis	Interpretation of results

Online interactive sessions will be held in zoom Application

Course Date

05th Oct 2020 – 07th Oct 2020

Venue

University Building, 13th floor, Seminar Hall I

Participant Fee

500 INR/Person

Co-ordinator

Dr. M. Bagavandas (Head)

Course Instructors

Dr. Dhivya. K

Mr. G. Saravanan

No of Participants: 73