

**Post-event report – for dissemination via website**

## **Workshop on Critical Appraisal of Literature, Systematic Review and Meta-Analysis**

*25<sup>th</sup> to 27<sup>th</sup> July 2018*

Venue: Seminar Hall, Achutha Menon Centre for Health Science Studies, SCTIMST

The three-day workshop on critical appraisal of literature, systematic review and meta-analysis, was conducted under the aegis of **Regional Technical Resource Centre for Health Technology Assessment**. This was the first workshop of its kind, organized and conducted by the centre, in which the participants included both internal & external candidates.

**The workshop was designed to enable the participants to:**

- Understand key concepts in critical appraisal of literature
- Explain the need for systematic reviews and meta-analyses
- Perform a comprehensive search for relevant literature
- Assess the risk of bias in a randomized controlled trial
- Extraction of data for quantitative synthesis
- Explain the basic methods of meta-analysis
- Assess the risk of bias across studies
- Describe issues in conducting systematic reviews
- Summarize the findings of a systematic review & meta-analysis
- Critically appraise a systematic review

With **Dr. Jeemon P.**, Assistant Professor, AMCHSS, SCTIMST Trivandrum, taking on the stewardship of this endeavor as the course director, the other facilitators for the workshop included;

- **Dr. V. Raman Kutty**, Professor and Head, AMCHSS, SCTIMST Trivandrum
- **Prof. Sreekumaran Nair**, Professor. & Head of Medical Biometrics & Informatics (Biostatistics), JIPMER Pondicherry
- **Dr. Himanshu Negandhi**, Associate Professor, Public Health Foundation of India
- **Dr. Arun Keepanasseril**, Department of Medicine, McMaster University, Canada
- **Dr. Hisham Moosan**, Technical Expert – Epidemiologist, Regional Technical Resource Centre for Health Technology Assessment (RTRC-HTA), AMCHSS, SCTIMST Trivandrum

**Dr. Antony Stanley** (Research Associate) and **Ms. Priya Abraham** (Data Entry Operator), both from the Regional Technical Resource Centre for Health Technology Assessment (RTRC-HTA), assisted in the organization of the workshop.



