

Report of Training Workshop on Evidence Based Medicine  
&  
Competency Based Medical Education

18<sup>th</sup> -19<sup>th</sup> March 2019

**Resource persons**

Prof P F Kotur MD Anaesthesia, PhD Medical education

Prof Pushpa Kotur MD Obs &Gynae, PhD Traditional Medicine

A two day workshop on evidence Based Medicine (EBM) and Competency Based Medical Education (CBME) was conducted by CMET which was attended by 25 Faculty Members of the Institute.

The Training workshop started with inauguration, introduction of resource persons and Director's address.

**Day one, 18<sup>th</sup> March 2019**

**Forenoon session :** The first session introduced the concept of principles and practice of EBM through a brainstorming session. Five step approach to EBM was introduced. This was followed by session on overview of Scientific literature search and study designs. Use of filters for PUBMED search, New tools for literature search like artificial intelligence enabled tools and SCI Hub were discussed.

Different levels of study designs and their relative strengths were also discussed.

**Afternoon session :** Post lunch session dealt with methodical way of critical appraisal of scientific article. It also introduced the fast track approach to appraisal.

The last session of the day was a group activity to practice 5 step approach for EBM- Ask, Access, Appraise, Assess and Apply. A clinical Scenario was given for each group for the same. The day ended with the presentation from each group.

**Day two, 19<sup>th</sup> March 2019**

**Forenoon session :** The day started with Rapporteurs report of Day One. This was followed by group activity for the remaining three steps of EBM. Each group presented their EBM approach to the case scenario given. The session discussed advantages, disadvantages, challenges and barriers in implementation of EBM. This session ended with a post test.

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**Afternoon session :** The post lunch session pertained to CBME. Recent developments in curricular designs in Indian Medical education Scenario were discussed. The need and benefits of competency based curriculum were deliberated upon. Applicability of CBME In postgraduate medical education and modes of assessment were described. In this context concept of Entrustable professional activities (EPA) and E Portfolios were introduced and demonstrated. The day ended with Rapporteur's report of the day.

This was followed by valedictory session , Certificate distribution and address by Dean Academics. The workshop ended with vote of Thanks by Member Secretary CMET. The training workshop was highly beneficial for the participants.

