

## **Workshop on ‘Making sense out of published research through Critical Appraisal’**

Under the Faculty Research Capacity Building (FRCB) Program, the Central Research and Publication Unit (CRPU) organized the third workshop on 19<sup>th</sup> and 20<sup>th</sup> August 2023.

**Venue:** Conference Hall 1, 4<sup>th</sup> floor, old building, Bharati Hospital and Research Centre, Pune

### **Timing:**

Day 1: 19<sup>th</sup> August 2023, 9 AM to 5.30 PM

Day 2: 20<sup>th</sup> August 2023, 9 AM to 1.30 PM

### **Workshop Faculty**

#### **A. Prof. Joseph L. Mathew (Workshop Director)**

Professor (Pediatric Pulmonology) and Head, Pediatric Pulmonology Division, Advanced Pediatrics Centre, PGIMER Chandigarh

#### **B. Prof. Dheeraj Shah**

Director, National Institute of Health and Family Welfare (NIHFW), New Delhi

#### **C. Prof. Deepak Chawla**

Head, Department of Neonatology, Government Medical College and Hospital, Chandigarh

The program outline was as follows:

#### **Day 1: 19<sup>th</sup> August 2023**

<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
09:00-09:29	Outline of the Workshop Pre-test	Dr. Joseph L Mathew
09:30-10:00	Sources of bias in research studies and overview of critical appraisal.	Dr. Joseph L Mathew
10:01-10:14	Discussion	
10:15-10:45	Critical appraisal of RCT	Dr. Dheeraj Shah
10:46-10:59	Discussion	
11:00-11:25	Tea break	
11:30-12:00	Critical appraisal of Observational studies	Dr. Deepak Chawla
12:01-12:14	Discussion	

<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
12:15-12:45 12:46-12:59	Critical appraisal of Diagnostic Test Accuracy (DTA) studies Discussion	Dr. Joseph L. Mathew
13:00-13:55	Lunch and networking	
14:00-14:45 14:46-15:14	Practical exercise I: Critical appraisal of RCT Participant presentations	All Faculty All participants
15:15-15:40	Tea break	
15:45-16:15 16:16-16:29	Critical appraisal of systematic reviews Discussion	Dr. Deepak Chawla
16:30-17:15	Practical exercise II: Critical appraisal of Observational study	

### **Day 2: 20<sup>th</sup> August 2023**

<b>Time</b>	<b>Topic</b>	<b>Faculty</b>
09:00-09:45	Participant presentations	
09:45-10:15 10:16-10:29	Critical appraisal of Guidelines (GL) Discussion	Dr. Joseph L. Mathew
10:30-10:55	Tea break	
11:00-11:20 11:21-11:29	Critical appraisal of Case series and case reports	Dr. Dheeraj Shah
11:30-11:50 11:51-11:59	Making sense of published research through critical appraisal Discussion	Dr. Joseph. L. Mathew
12:00-12:29	Post test The next steps	Dr. Joseph L. Mathew
12:30-13:00	Valedictory	
13:00-13:55	Lunch and networking	

The program participants were representatives from all the health verticals of BVDU.

Dr. Prakash Doke and Dr. Sankar Gorthi concluded the session with a vote of thanks.

**Appendix 1: Photographs of both the days**

**Appendix 2: Attendance sheet**