



**RANJEET DESHMUKH DENTAL COLLEGE
AND RESEARCH CENTRE, NAGPUR**

Board of Research Studies

Topic- Systematic review and meta-analysis

Speaker- Dr Kalyani Deshmukh

Venue: PRIDE Hall, RDDCRC, Nagpur

Date- 3rd September 2024

Brief report:

To promote the quality in secondary research board of research studies (BORS) organized a CDE programme on this occasion.

The speaker was **Dr Kalyani Deshmukh** (Research Associate TRC on SRMA, AIIMS, Nagpur).

Dr Sae Deshpande (Member BORS, RDDCRC, Nagpur) welcomed and introduced the speaker to the audience.

Dr Kalyani explained how systematic reviews and meta-analyses play a vital role in dental research by synthesizing evidence from multiple studies to provide clear, reliable answers to clinical and scientific questions. She stated that through rigorous, transparent methods, systematic reviews minimize bias and evaluate the quality and consistency of existing literature, helping researchers and clinicians understand the overall strength of evidence on topics ranging from treatment effectiveness to risk factors and diagnostic accuracy. She emphasized that these evidence-based tools support informed clinical decision-making, guide policy development, identify gaps in current knowledge, and help establish best practices in dentistry, ultimately contributing to improved patient outcomes and more efficient research efforts.

Dr Abhay Kolte (Dean and Chairman of BORS, RDDCRC, Nagpur) and Dr Mukta Motwani (Vice Dean and Co-Chairman BORS, RDDCRC, Nagpur) felicitated the speaker.

The programme was attended by post-graduate students, and it was well received by the audience.

Dr Abhay Kolte

Dean, Chairman BORS-RDDCRC, Nagpur

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