



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

Board of Research Studies

Topic- Leveraging AI tools to Enhance Academic Research- A Scientific Exploration

Date- 11 June 2025

Speaker- Dr Mahendra Patait

Webinar via Google Meet Platform

Brief report:

To keep the students and faculty abreast of latest technological developments and their implications in dental research, the board of research studies (BORS) organized a CDE programme on this occasion.

The speaker was Dr Mahendra Patait (HOD- University Research Department, Maharashtra University of health sciences, Nashik.)

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

Dr Patait explained how AI tools to enhance academic research have transformed the way scholars collect, analyze, and interpret information. He discussed various AI-powered platforms that can efficiently scan vast volumes of literature, identify relevant studies, and summarize key findings, saving researchers significant time and effort including advanced algorithms support data analysis by detecting patterns, generating predictions, and increasing the accuracy of statistical interpretations. Furthermore, he demonstrated use of AI-driven visualization tools enable clearer presentation of data, enhancing comprehension and communication of results. He concluded by underscoring the need to integrate AI responsibly and thoughtfully, researchers can elevate the efficiency, depth, and innovation of their academic work while maintaining scientific rigor.

Dr Abhay Kolte (Dean and Chairman of BORS, RDDCRC, Nagpur) felicitated the speaker virtually.

The programme was attended by staff, students, and it was well received by the audience.

Dr Abhay Kolte

Dean, Chairman BORS-RDDCRC, Nagpur

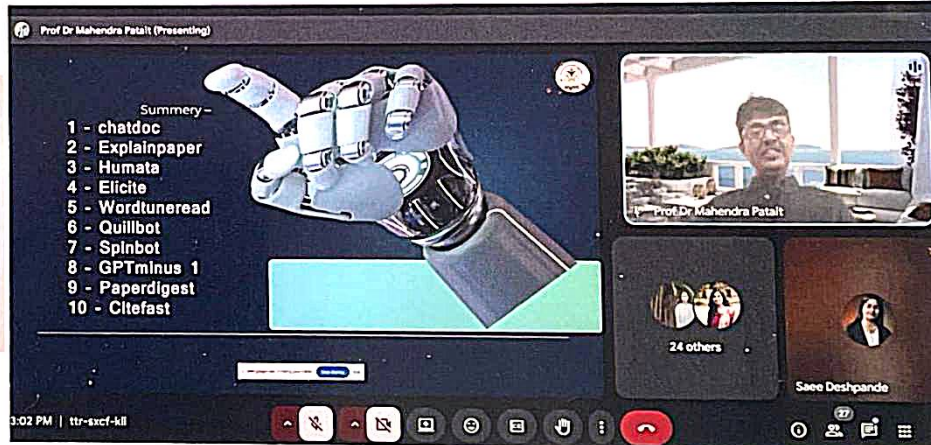
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