

REPORT ON-WORKSHOP ON RESEARCH METHODOLOGY & BIostatISTICS

UNDERGRADUATE MEDICAL STUDENT- THIRD MBBS PART-1 PROGRAM- 17-05-2024



ORGANIZED BY

DEPARTMENT OF EPIDEMIOLOGY

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

A series of one-day online workshops has been organized for third-year MBBS Part-I Undergraduate Medical students affiliated with The Tamil Nadu Dr. M.G.R. Medical University. These workshops are scheduled from March 1, 2024, through September 20, 2024.

On May 17, 2024, students from department of community medicine, Coimbatore medical college participated in the online workshop. The sessions were conducted in the lecture halls of their respective college premise, utilizing LCD screens for Power Point presentations. Each institution appointed a nodal coordinator from the community medicine department to oversee the workshop.

The workshop adhered to a well-structured schedule, commencing with the presentation of a QR code for a pre-test on Research Methodology and Biostatistics. Following this, a series of lectures were delivered, accompanied by interactive sessions to encourage active participation and deepen participants' comprehension. As the lecture series drew to a close, a QR code for a post-test and feedback was shared, enabling attendees to further assess their understanding and provide valuable input. Totally 202 undergraduate students benefited from this workshop.

THE KEY TOPICS COVERED ARE:

- 1.** Research Ideas /Questions & Objectives
- 2.** Searching and Organizing Literature
- 3.** Research Designs
- 4.** Basic Biostatistics in Health Research
- 5.** Research protocol
- 6.** Common sins in health research

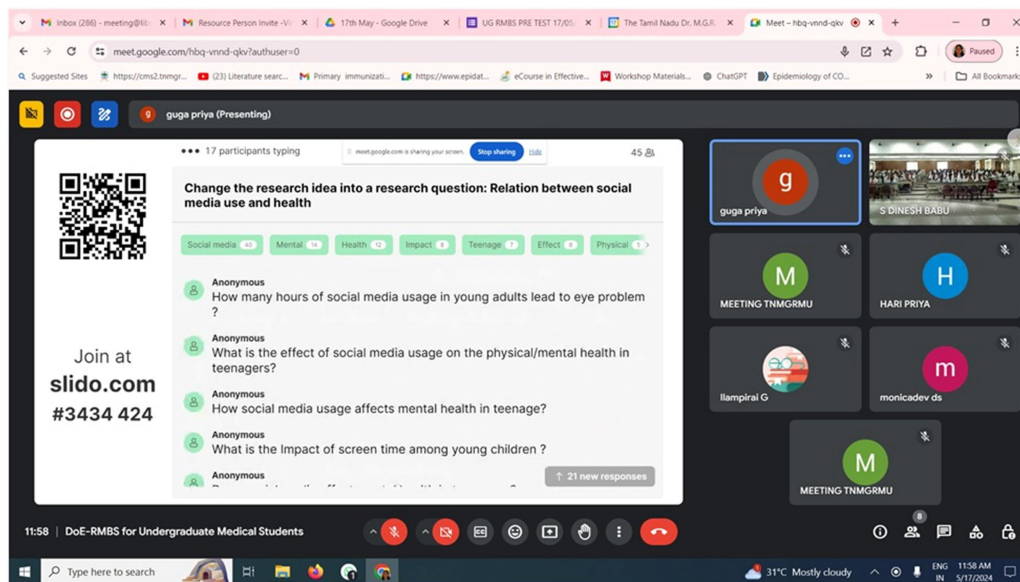
The workshop featured distinguished experts from prestigious institutions including **All India Institute of Medical Sciences (Nagpur), Madras Christian college and TANCAM.**

COIMBATORE MEDICAL COLLEGE





INTERACTIVE SESSIONS BY THE EXPERTS



COMPARISON SCORES OF PRE-TEST & POST-TESTS:

FIGURE 1: PRE-TEST SCORE

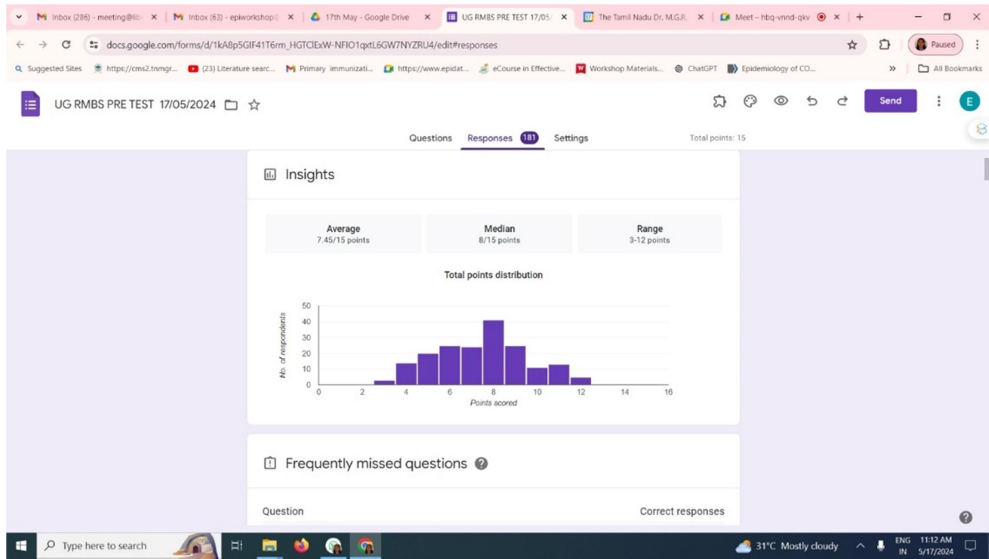
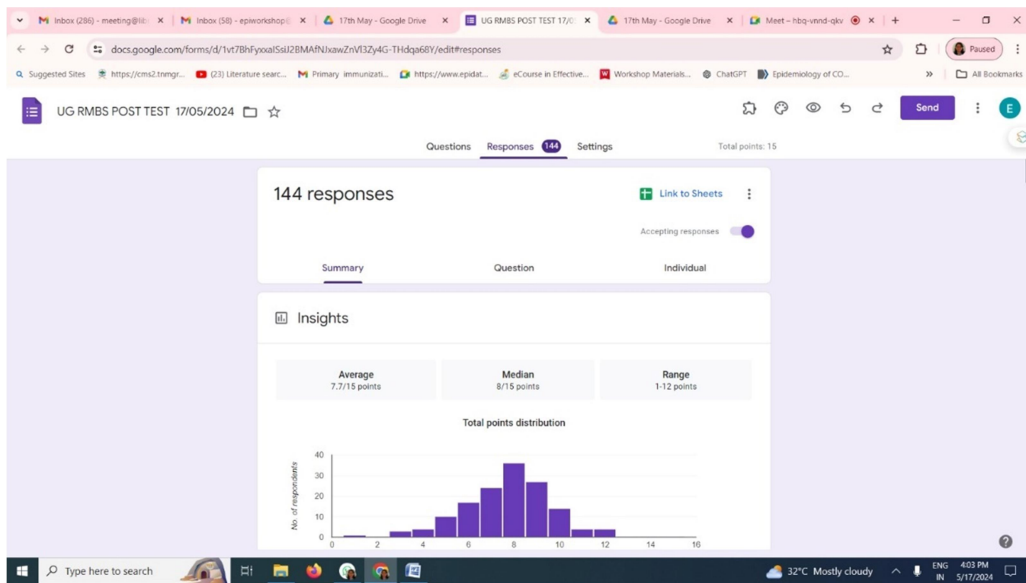


FIGURE 2: POST-TEST SCORE



OVERALL FEEDBACK FROM THE COLLEGE:

The scrupulously orchestrated program was of immense value to the third-year MBBS Part-I undergraduate medical scholars. Dr. Jasmine S Sundar's introductory discourse established an enthralling ambiance, laying a robust foundation for the ensuing modules.

I express my gratitude for the comprehensive exploration of various subjects covered in the workshop. Dr. G. Srinivas, Professor and Head of the Department of Epidemiology, emphasized the necessity of the RMBS workshop. Dr. T. S. Guga Priya delivered an insightful presentation on "Research Ideas/Questions & Objectives," while Dr. Monica Dev provided an intellectual lecture on "Searching and Organizing Literature." Dr. Yuvaraj offered profound insights into "Research Designs," and Dr. Paridayal gave an edifying talk on "Basic Biostatistics in Health Research." Dr. E. Rajalakshmi led an interactive and informative session on "Research Protocol," and Dr. Jasmine S. Sundar effectively conducted the "Pre-test, Post-Test & Feedback" session.

These sessions were instrumental in consolidating our understanding throughout the day. Overall, the workshop has provided us with invaluable insights and practical skills essential for our academic and research endeavors. I am confident that the knowledge gained will significantly enhance our future pursuits