



Report on

Research Methodology and Biostatistics Workshop

Organized by:

Department of Epidemiology

The Tamil Nadu Dr.M.G.R. Medical University

A series of one-day online workshops has been scheduled for third-year part I undergraduate medical students affiliated with The Tamil Nadu Dr.M.G.R Medical University, commencing from March 1, 2024, and concluding on September 20, 2024.

On March 1, 2024, students from Annapoorna Medical College and Hospital participated in the online workshop. The session took place in a lecture hall within their college premises, where PowerPoint presentations were displayed on the LCD screen. A designated individual from the community medicine department served as the nodal coordinator from their institution

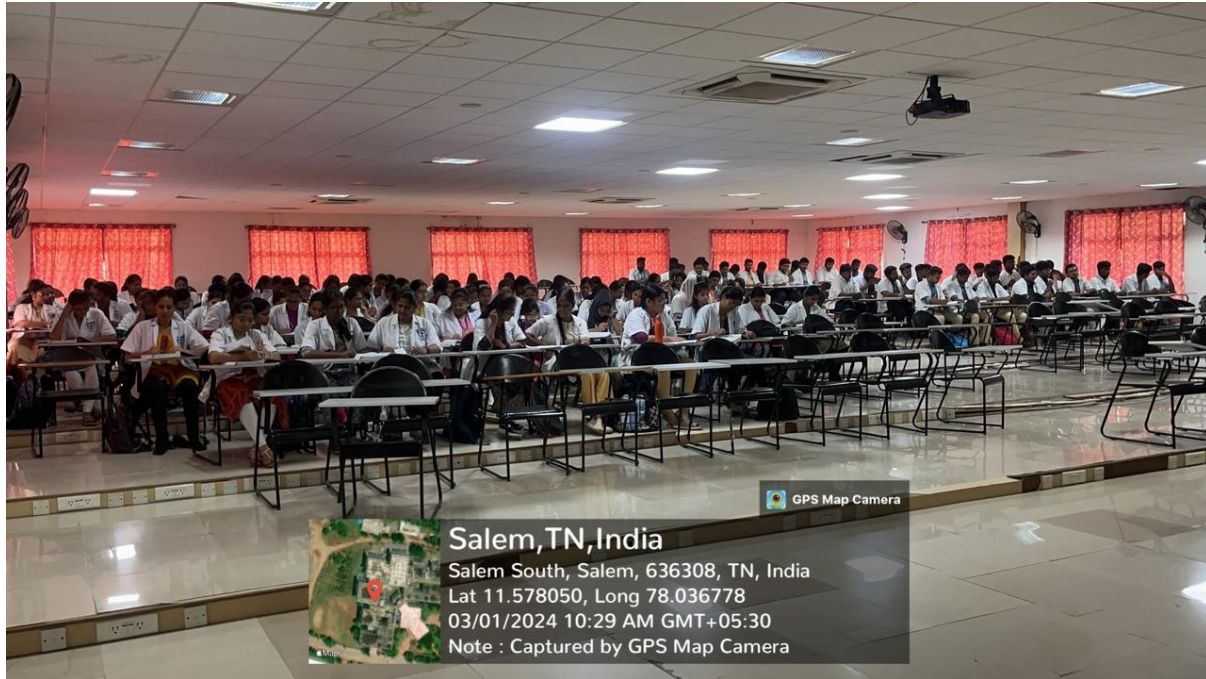
The workshop maintained a well-organized schedule, starting with the display of a QR code for a pre-test on Research Methodology and Biostatistics. Subsequently, a series of lectures were presented. Interactive sessions followed each lecture, promoting active engagement and enhancing participants' understanding. Towards the conclusion of the lecture series, a QR code for a post-test and feedback was also displayed, facilitating further assessment and input from attendees. **Around 126 under graduate 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 Bio-Statistics in Health Research
5. Research protocol

The workshop's resource persons were esteemed experts in their respective fields, hailing from renowned institutions such as **All India Institute of Medical Sciences, Nagpur, National Institute of Epidemiology, Meenakshi Ammal Dental College, Sri Ramakrishna Dental College, and Independent Public Health Consultant.**

Annapoorna Medical College Lecture Hall:



Comparison scores of Pre Test & Post Test:

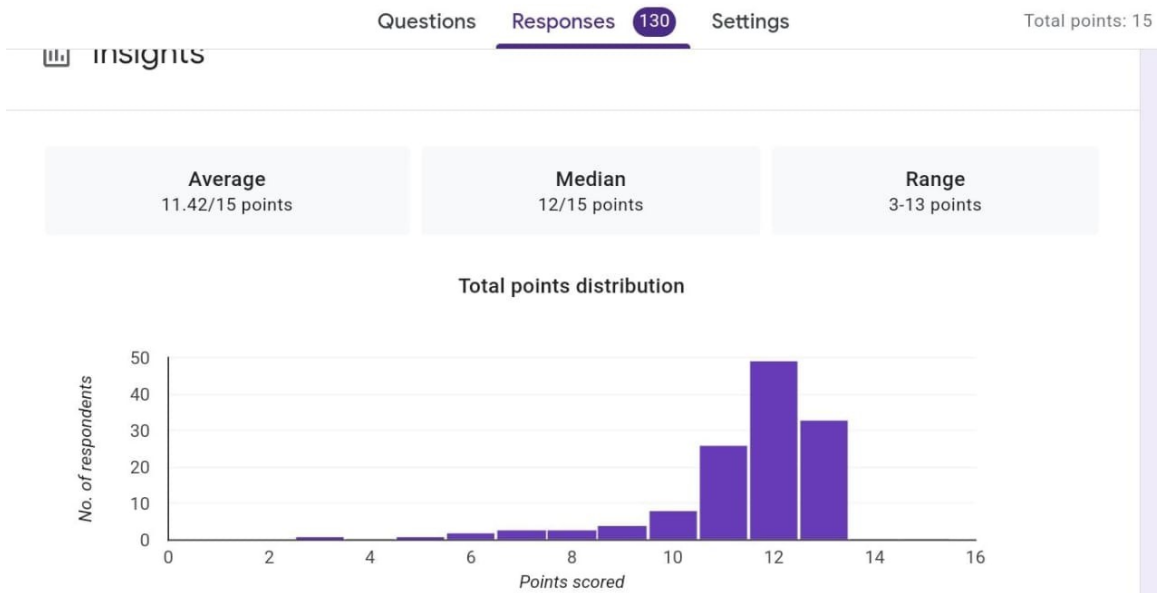


Figure 1-Pretest Score

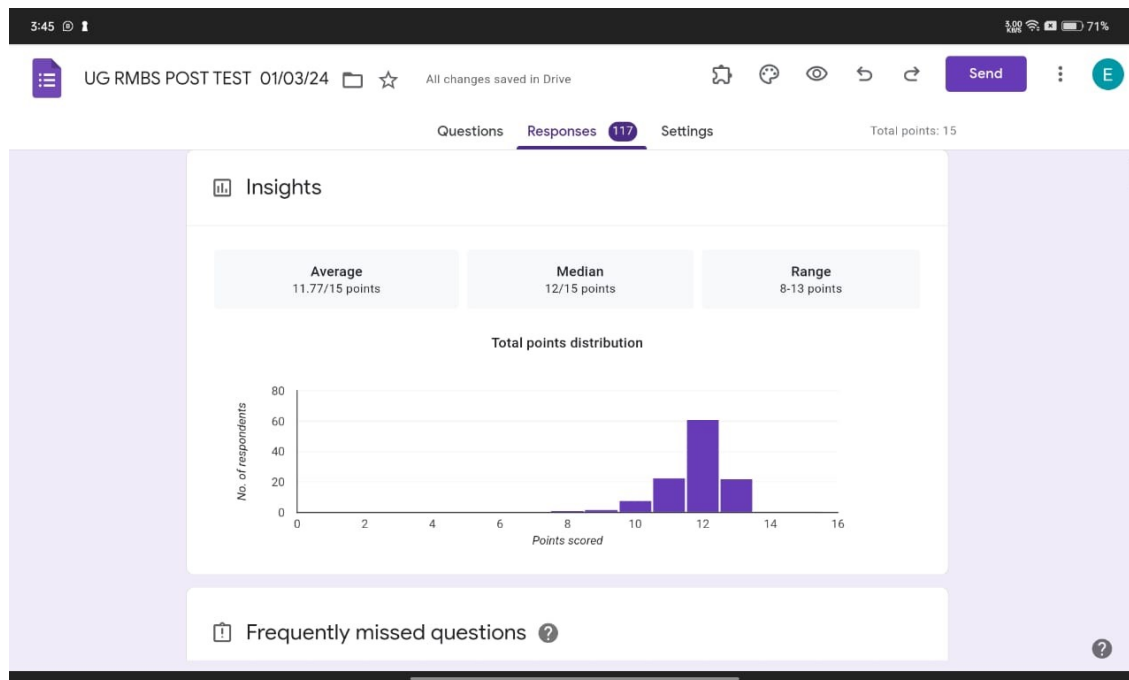


Figure 2-Post Test Score

College Feedback :

The carefully curated program proved to be immensely valuable for third MBBS Part-I undergraduate medical students. The introduction session by Dr. G. Srinivas set an engaging tone for the day and provided a solid foundation for the subsequent modules.

I would like to extend my gratitude for the diverse range of topics covered, from "Research Ideas/Questions & Objectives" by Dr. T.S Guga Priya to "Research Designs" by Dr. Ganesh Kumar, and the insightful discussions on "Basic Bio-Statistics in Health Research" with Dr. Shyam. The interactive and informative nature of Ms. Hemapriya's session on "Searching and Organizing Literature" was particularly enlightening.

Dr. Ilavenil's detailed exploration of "Research Protocol" and the concluding "Post Test & Feedback" session led by Dr. Jasmine S. Sundar were instrumental in consolidating our learning from the day.

Overall, the workshop has equipped us with valuable insights and practical skills essential for our academic and research pursuits. I am certain that the knowledge gained will significantly contribute to our future endeavors.

Once again, thank you for your commitment to educational excellence, and I look forward to the possibility of participating in future workshops.