



REPORT ON
RESEARCH METHODOLOGY AND BIOSTATISTICS WORKSHOP
UNDERGRADUATE MEDICAL APRIL 12th 2024

Organized by:

Department of Epidemiology

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

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

On April 12, 2024, students from Sri Muthukumar Medical College Hospital and Research Institute participated in the online workshop. The sessions were conducted in the lecture halls of their respective college premise, utilizing LCD screens for PowerPoint 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. Approximately 83 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

The workshop featured distinguished experts from prestigious institutions including **All India Institute of Medical Sciences (Nagpur), Karpagam Faculty of Medical Science & Research (Coimbatore) Medical & Public Health Consultant ,Arupadai veedu Medical college ,Salem** and also faculty & Ph.D scholar from department of Epidemiology,TNMGRMU.

Sri Muthukumaran Medical College Hospital and Research Institute





guga priya (Presenting)

Active poll 14

Change this research idea into a research question: Relationship between smoking and depression

Depressed Smoking Prevalence Age Smokers Mental health

Anonymous
Does depression lead to smoking or vice versa
And causes of depression that leads to smoking?

Anonymous
In a populatin of 500 men working in IT field comparing to people working in other field what is the prevalence of smoking

Anonymous
In adults having mental health problems, how does smoking affect the mental health over a chronic period of time?

Anonymous
What is reason for smoking. Nowadays school going childrens smoke. How they are influence by someone

Join at
slido.com
#5978 017

guga priya
Community M...

MEETING TN...

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MEETING TNMGRMU

People

Add people

Search for people

IN MEETING

Contributors 8

MEETING TNMGR... (You)
Meeting host

Community Medicine

guga priya

guga priya
Presentation

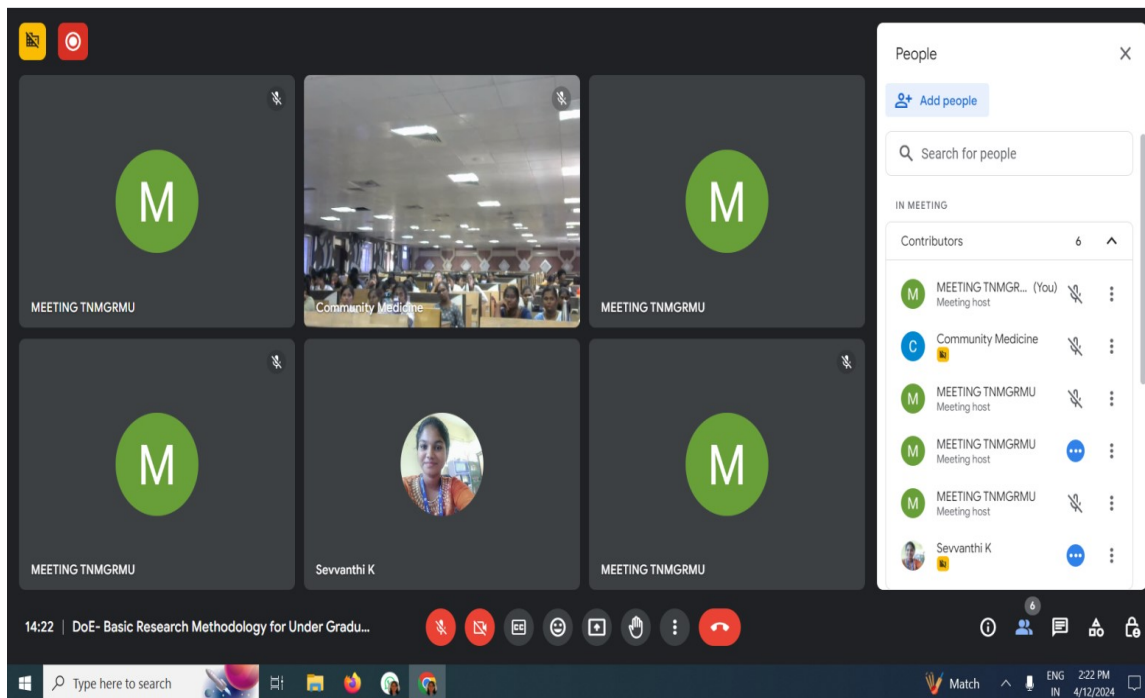
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Meeting host

MEETING TNMGRMU
Meeting host

11:57 | DoE- Basic Research Methodology for Under Gradu...

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33°C Sunny 11:57 AM 4/12/2024



Comparison scores of Pre-Test & Post-Test:

Figure 1: Pre-test Score

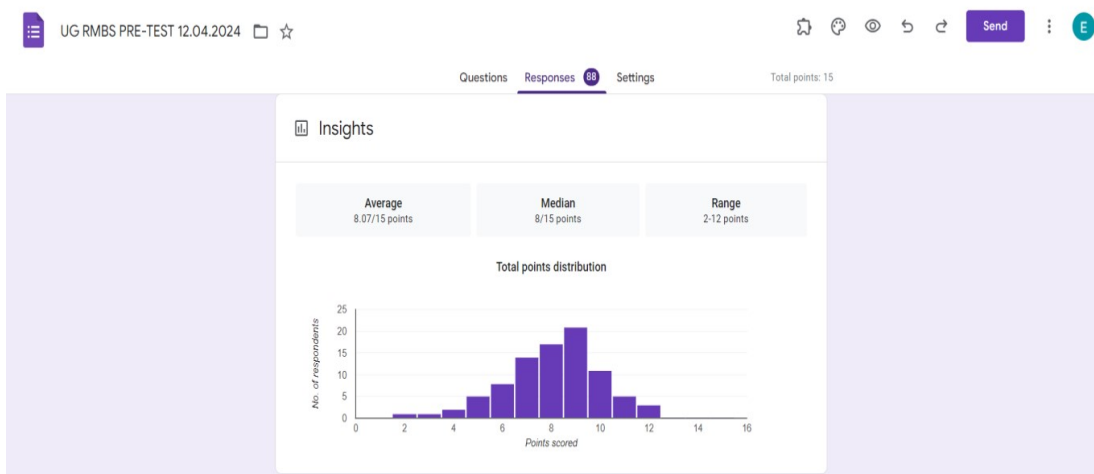
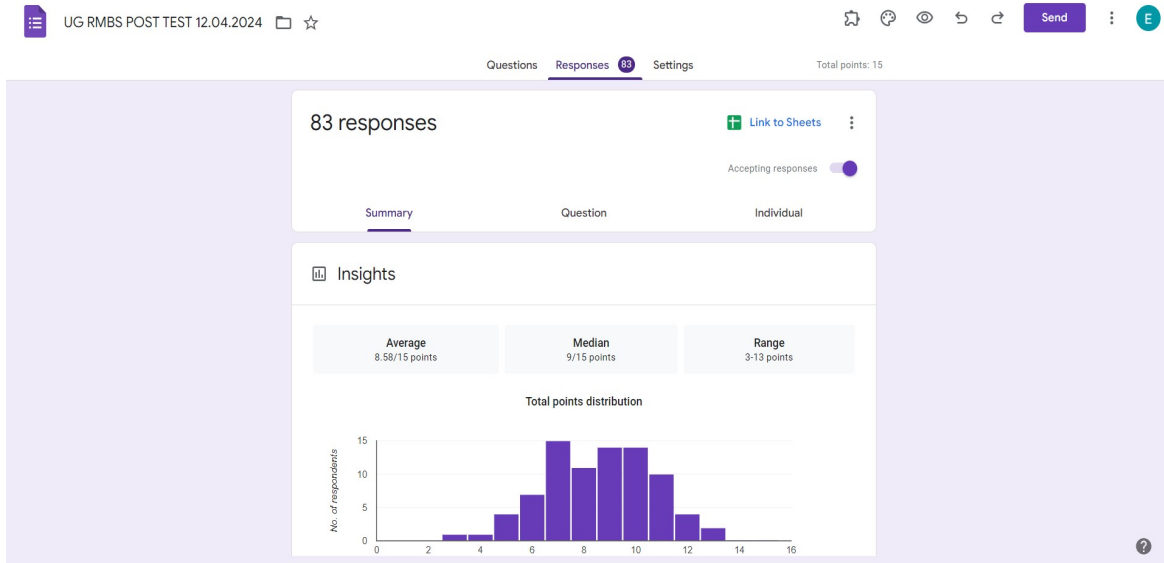


Figure 2: Post-test Score



Overall Feedback from the College:

The meticulously planned program proved highly beneficial for third-year MBBS Part-I undergraduate medical students. Dr. Jasmine S. Sundar introductory session set a captivating tone, laying a strong groundwork for the subsequent modules.

I am grateful for the comprehensive coverage of a diverse range of topics, from Dr. T. S Guga Priya's discussion on "Research Ideas/Questions & Objectives" to Dr. Vijaya Prasad insights into "Research Designs," and the engaging dialogue led by Mrs. Sevanthi on "Basic Biostatistics in Health Research." Dr. Monica Dev's interactive session on "Searching and Organizing Literature" was particularly illuminating and informative.

Dr. Ilavenil's thorough examination of "Research Protocol" and Dr. Jasmine S. Sundar's effective "Pre test, Post Test & Feedback" session were pivotal in reinforcing our understanding from the day.

Overall, the workshop has equipped us with invaluable insights and practical skills crucial for our academic and research pursuits. I am confident that the knowledge acquired will significantly enhance our future endeavors.