



## REPORT ON

### RESEARCH METHODOLOGY AND BIOSTATISTICS WORKSHOP UNDERGRADUATE MEDICAL STUDENTS JUNE 14<sup>th</sup> 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, through September 20, 2024.

On June 14th, 2024, students from Government Erode Medical College, Government Vellore Medical College, Government Thoothukudi Medical College and Hospital, Government Dharmapuri Medical College participated in an online workshop. The sessions were conducted in the lecture halls of their respective college premises, utilizing LCD screens for PowerPoint presentations. Each institution appointed a nodal coordinator from the community medicine department to oversee the workshop.

The workshop followed a well-structured schedule, starting with a pre-test on Research Methodology and Biostatistics, where participants were provided with QR code. Following this, a series of lectures were conducted along with interactive sessions to active participation and deepen the participants' understanding. Towards the end of the lecture series, a code for a post-test and feedback was shared, allowing attendees to assess their understanding further and provide valuable input.

A total of 363 undergraduate students benefited from this workshop from the following institutions:

- Government Erode Medical College: 94
- Government Vellore Medical College: 99
- Government Thoothukudi Medical College : 143
- Government Dharmapuri Medical College: 27

**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)**, **School of Public Health, PGIMER, Chandigarh**, **Karpagam Faculty of Medical Science & Research (Coimbatore)**, **Medical & Public Health Consultant & Madras Christian College**.

**Government Erode Medical College**





**Government Vellore Medical College**



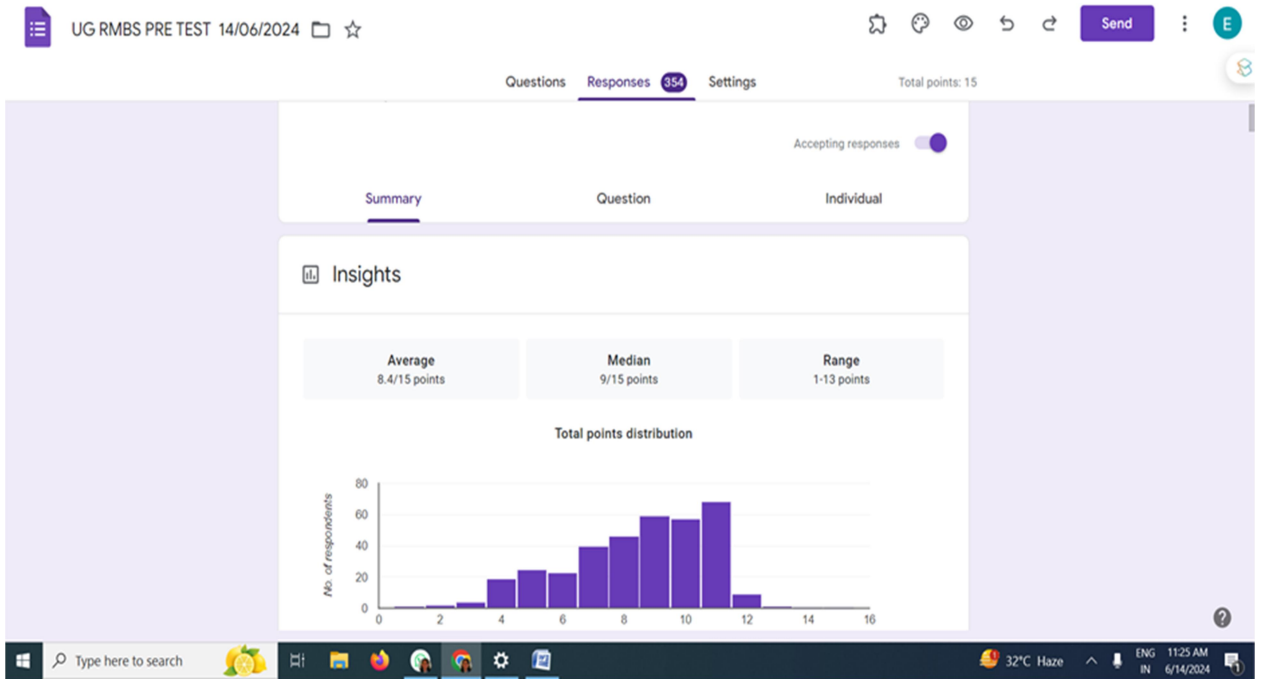
**Government Thoothukkudi Medical College And Hospital**



**Government Dharmapuri Medical College**



## Pre-test



## Post-test

