

ILLUME

RESEARCH METHODOLOGY WORKSHOP FOR FACULTIES

Date: 6th & 7th November 2024

Organized by-Department of Community Medicine, Malabar Medical College Hospital and Research Centre, Kozhikode

Venue-Academic Block, Malabar Medical College Hospital and Research Centre, Ulliyeri, Kozhikode

Organizing committee

ORGANIZING COMMITTEE

Chief patrons: Mr. Anil Kumar V (Chairman)

Dr Sudha Anil (Director of medical operations)

Patron: Dr P V Narayanan (Principal)

Organizing Chairperson: Dr. George P Jacob (Prof.& HOD, Dept. of Community Medicine)

Organizing Secretary: Dr. Swathi C

Joint Organizing Secretary: Dr. Roshni S S

Treasurer : Dr. Shakhy Vati

Committee Members: Dr. Kanniyan Binub, Dr. Krishnaraj J S

Dr. Remya Ramachandran, Dr. Shilpa Karir, Dr.

Sobin Sunny Mrs. Drishya M

Dr. Afthab Kassim, Dr. Rakesh Ramachandran,

Dr Akshara V Krishna Dr Aswini Navaratna Sasi,

Dr Rohith T R, Dr Anjusha V S, Dr Rahana Raj,

Dr Nuziya Fathima,Dr Swetha Nirmal

Mrs. Anusree MM, Ms. Anusree SR,

Mr. Manoj Kumar M

ILLUME: RESEARCH METHODOLOGY WORKSHOP FOR FACULTIES

ILLUME-Research Methodology workshop for faculties, organized by Department of Community Medicine, Malabar Medical College Hospital and Research Centre (MMCH & RC), Ulliyeri, Kozhikode, was conducted on 06th & 07th of November, 2024.

The workshop was inaugurated by Dr. PV Narayanan, Principal, Malabar medical college Hospital and Research Centre. Welcome address was given by Dr. George P Jacob, Organizing chairperson & Head of the Department, Dept. of Community Medicine MMCH& RC and vote of thanks was delivered by Dr. Swathi C, Organizing secretary & Asst. Professor Dept. of Community Medicine, MMCH&RC.

This workshop was aimed to equip the delegates with the essential skills of designing research, data analysis and interpretation.

- ❖ The scientific sessions were led by Dr. Anish T S, Additional Professor Dept. of Community Medicine, GMC Wayanad and Dr. Biju George, Associate Professor Dept. of Community Medicine, GMC Kannur.
- ❖ A total of 50 delegates attended the workshop including those from medical/ dental/ optometry and nursing faculties.
- ❖ The sessions on “Framing Title, Research question, Aim & Objectives”, “Selection of study designs”, “Sampling & Sample size calculation” along with corresponding group activities were covered on day1 forenoon.
- ❖ The session on “Types of data, variables and Data collection tools” and hands on training on descriptive data analysis was covered on Day1 afternoon. This was followed by doubt clearing session.
- ❖ On day2, the sessions on “Selection of appropriate statistical tests”, “hands on training on tests of significance”, “basics of regression”, “hands on training on regression” and “Key concepts in diagnostic test validation- part 1” was covered forenoon and the sessions on “Key concepts in diagnostic test validation- part 2”, “Hands on training on diagnostic test validation” was covered in the afternoon. This was followed by an interactive doubt clearing session.

ANNEXURES

Programme Schedule And Resource Persons

PROGRAMME SCHEDULE

DAY-1 | 6th November 2024 (Wednesday)

TIME	TOPIC	FACULTY
8.30am - 9.00am	Registration	
9.00am - 9.40am	Framing Title, Research Question, Aim & Objectives	Dr. Biju George
9.40am - 10.00am	Group Activity	Dr. Biju George
10.00am - 10.50am	Selection of Study Designs	Dr. Anish T.S.
10.50am - 11.00am	TEA BREAK	
11.00am - 11.30am	INAUGURATION	
11.30am - 12.00pm	Group Activity -Study Designs	Dr. Anish T.S.
12.00pm - 1.00pm	Sampling & Sample Size Calculation	Dr. Anish T.S.
1.00pm - 1.30pm	LUNCH BREAK	
1.30pm - 2.30pm	Types of Data, Variables, and Data collection tools	Dr. Biju George
2.30pm - 3.30pm	Data Analysis -Descriptive Analysis Hands on	Dr. Biju George
3.30pm - 4.00pm	Doubt Clearing and Feedback	Dr. Biju George Dr. Anish T.S.

DAY-2 | 7th November 2024 (Thursday)

TIME	TOPIC	FACULTY
9.00am - 9.30am	Selection of Appropriate Statistical Tests	Dr. Anish T. S.
9.30am - 10.30am	Tests of Significance - Hands on	Dr. Anish T. S.
10.30am - 10.40am	TEA BREAK	
10.40am - 11.30am	Basics of Regression	Dr. Biju George
11.30am - 12.30pm	Regression-Hands on	Dr. Biju George
12.30pm - 1.00pm	Key Concepts in Diagnostic Test Validation - Part 1	Dr. Anish T. S.
1.00pm - 1.30pm	LUNCH BREAK	
1.30pm - 2.00pm	Key Concepts in Diagnostic Test Validation - Part 2	Dr. Biju George
2.00pm - 3.00pm	Diagnostic Test Validation Hands on	Dr. Biju George
3.00pm - 3.30pm	Doubt Clearing Session & Feedback	Dr. Anish T. S. Dr. Biju George
3.30pm - 4.00pm	Valedictory Session & Tea	



