

# **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

### **Report by-**

Dr Swathi C

KSMC Registration No: 56926

Assistant Professor & Organizing secretary (ILLUME) Dept. of Community  
Medicine,  
Malabar Medical College Hospital and Research Centre, Kozhikode

## **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 06<sup>th</sup> & 07<sup>th</sup> 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: -**

1. The programme schedule and Resource Persons
2. Copy of Delegate Certificate
3. Attendance of Delegates on Day 1 and Day 2 (separate file folder)
4. Copy of KSMC order for Allotment of credit hours

## ANNEXURES

### Programme Schedule and Resource Persons

#### PROGRAMME SCHEDULE

DAY-1 | 6<sup>th</sup> 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 | 7<sup>th</sup> November 2024 (Thursday)**

<b>TIME</b>	<b>TOPIC</b>	<b>FACULTY</b>
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	<b>TEA BREAK</b>	
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	<b>LUNCH BREAK</b>	
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	

## COPY OF DELEGATE CERTIFICATE



**MALABAR MEDICAL COLLEGE  
HOSPITAL & RESEARCH CENTRE**  
Discover a new life

DEPARTMENT OF  
COMMUNITY  
MEDICINE



# ILLUME

"FOR A BRIGHTER JOURNEY TOWARDS RESEARCH EXCELLENCE"  
RESEARCH METHODOLOGY WORKSHOP

## CERTIFICATE

This is to certify that Dr/Mr/Ms/Mrs. ....  
has been a Delegate in the Research methodology workshop ILLUME, organized by Department of Community Medicine,  
Malabar Medical College Hospital & Research Centre, Ulliyeri, Kozhikode, Kerala, held on 06<sup>th</sup> & 07<sup>th</sup> November 2024.  
This workshop is granted with 4 hours of CME credits as per Order No. C6/25102/2024/MC/CME dated 4/11/2024 of  
Kerala State Medical Councils.

Mr. Anil Kumar V.  
Chairman

Dr. P. V. Narayanan  
Principal

Dr. George P. Jacob  
Organizing Chairperson



[www.mmchospital.in](http://www.mmchospital.in)

**Copy of KSMC order for Allotment of credit hours**

Phone : 0471-2557227 (Office)  
e-mail : registrar.ksmc@kerala.gov.in  
www.inmedicalcouncil.kerala.gov.in



**KERALA STATE MEDICAL COUNCIL OF MODERN MEDICINE**  
COMBINED COUNCIL BUILDING, RED CROSS ROAD, THIRUVANANTHAPURAM- 695 035, KERALA, INDIA.

No. C6/25102/2024/MC/CME

Date: 04/11/2024

To,

Dr. Swathi C  
Organising Secretary  
Dept. of Community medicine  
Malabar medical College Hospital & Research Centre  
Ulliyeri, Modakkallur  
Kozhikode - 673315

Madam,

Sub:- Kerala State Medical Councils – Allotment of credit hours for CME programme on the subject **ILLUME: RESEARCH METHODOLOGY WORKSHOP FOR FACULTIES** - reg

Ref:- Your application dated 19/10/2024.

Inviting your attention to the reference cited. I am to inform that the CME committee of the Council of Modern Medicine held on **02/11/2024** has decided to allot **4 hours (Four hours)** credit time for the CME Programme on the subject **ILLUME: RESEARCH METHODOLOGY WORKSHOP FOR FACULTIES** conducted by **Dept. of Community medicine, Malabar medical College Hospital & Research Centre** at Academic Block, Malabar medical College Hospital & Research Centre, Ulliyeri on **06<sup>th</sup> & 07<sup>th</sup> November 2024**.

This approval is based upon your adherence to the following instructions:-

1. A report on the programme shall be submitted to this office by the organizing Secretary with his Name, and KSMC Registration Number.



2. List of the participants with Kerala State Medical Councils Registration Number and copy of the certificate issued to the participants should be furnished to the Council within one month from the date of the programme.
3. Soft copy of the list of participants and their credit hours with Kerala State Medical Councils Registration number in Excel format is also to be forwarded to the Email ID of the Kerala State Medical Councils.
4. Attendance with Kerala State Medical Councils Registration Number should be marked for each day of the programme.
5. A representative of the Kerala State Medical Councils will visit the venue during the programme.
6. Provisional Registration with NMC is necessary for the participation of Foreign Faculties if any in the CME Programme.
7. Certificates should be distributed/awarded only at the closure of last session of the CME.
8. The application fee once remitted is non-refundable.
9. In case it is found that the certificate issued is false then the issuing Association/Organization will be debarred for future accreditation.



Yours faithfully,

**REGISTRAR**

