

# FOUNDATIONS IN LABORATORY MEDICINE

A POSTGRADUATE TRAINING PROGRAMME

Department of Pathology, Microbiology  
& Biochemistry

**25<sup>th</sup> JULY 2025**

Venue: Central Laboratory, MMCH



**MALABAR MEDICAL COLLEGE  
HOSPITAL & RESEARCH CENTRE**

Discover a new life

## **POST-EVENT REPORT -"Foundations in Laboratory Medicine"**

**Date: 25th July 2025**

**Venue: Central Laboratory**

**Organized by: Department of Pathology, Microbiology & Biochemistry**

**Institution: Malabar Medical College Hospital & Research Centre**

### **1. Introduction**

The "Foundations in Laboratory Medicine" postgraduate training program was conducted with the objective of strengthening fundamental knowledge and skills among medical postgraduates in laboratory sciences. The event brought together faculty and trainees from the departments of Pathology, Microbiology, and Biochemistry for an integrated, hands-on educational session.

### **2. Objectives**

- To orient postgraduate students to the foundational aspects of laboratory medicine. ISO15189:2022
- To enhance understanding of laboratory quality control, safety, and reporting.
- To improve inter-departmental collaboration and work flow understanding.

### **3. Activities Conducted**

The session comprised a series of lectures, demonstrations, and interactive discussions covering a wide range of essential topics:

## PROGRAM

9 am - 9.20 am	:	Best practices in Laboratory Service <b>Dr. Rajeevan K.</b> Lab director Central laboratory, Professor and HOD Department of Pathology, MMCH
9.20 am - 9.50 am	:	Accreditation and certification process <b>Dr. Shyam Krishnan R.</b> Assistant Professor, Department of Biochemistry, MMCH.
9.50 am -10.20 am	:	Quality control in laboratory <b>Dr. Jasla C.</b> Assistant Professor, Department of Biochemistry, MMCH.
10.20 am -10.50 am	:	Maintaining laboratory standard operating procedures Lab documentation and record keeping <b>Dr. Prabhina K. P.</b> Assistant Professor, Department of Pathology, MMCH.
10.50 am - 11.20 am	:	Best practices for laboratory sample collection. Auditing laboratory process <b>Dr. Sruthi Haridas</b> Assistant Professor, Department of Pathology, MMCH.
11.20 am -11.30 am	:	Tea Break
11.30 am -12.30 pm	:	Lab safety measures. <b>Dr. Arya Ramachandran</b> Assistant Professor, Department of Microbiology, MMCH  Microbiology sample acceptance and rejection criteria <b>Dr. Midhila P. G.</b> Assistant Professor, Department of Microbiology, MMCH  Biomedical waste segregation and disposal <b>Dr. Swetha Sivaraman</b> Assistant Professor, Department of Microbiology, MMCH

#### 4. Execution

The event was smoothly executed in the central laboratory, with well-coordinated participation from all departments. Presentations were concise, interactive, and supported by real-time demonstrations. Each faculty member shared valuable insights based on their respective specialties. All participants actively engaged in discussions and practical walkthroughs.

#### 5. Impact

- Enhanced understanding of lab workflows among postgraduate students.
- Improved awareness of common errors and safety protocols.
- Fostered interdepartmental coordination.
- Provided a platform for clarifying practical difficulties and academic doubts.

Feedback from participants indicated a high level of satisfaction and a request for more such integrated training programs in the future.

## 6. Conclusion

The "Foundations in Laboratory Medicine" program was a resounding success in achieving its educational and practical goals. It emphasized the importance of laboratory medicine as a backbone of clinical decision-making. The Department of Pathology, Microbiology, and Biochemistry expresses gratitude to all contributors and looks forward to conducting similar training sessions regularly.















ATHOLI, KERALA  
MMCH, Modakallur, Atholi, 673323, Kerala  
24.68°C  
25 July 2025  
Latitude: 11.4332  
Longitude: 75.7754



ATHOLI, KERALA  
MMCH, Modakallur, Atholi, 673323, Kerala  
24.68°C  
25 July 2025  
Latitude: 11.4332  
Longitude: 75.7754





Date: 23/7/25

Ulliyeri

23/7

From

Dr. Rajeevan .K

Lab director ,Central laboratory.

HOD,Department of pathology.

MMCH& RC

DR. NATAN KIAN PV  
BSc, MSc, MD, DHA  
Principal  
Malabar Medical College Hospital &  
Research Centre, Ulliyeri, Varkala

To

The Principal

MMCH & RC

Subject: Request for conducting foundations in laboratory medicine- a postgraduate training programme.

Respected sir,

We the department of pathology, microbiology and biochemistry are planning to conduct a postgraduate training programme on 25<sup>th</sup> July 2025 , 9 am to 12.30 pm at central laboratory, related to the topic "Foundations in laboratory medicine". So I request you to kindly grant permission for conducting the programme.

Thanking you

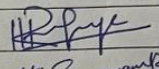
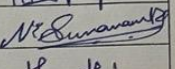
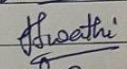
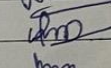
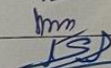
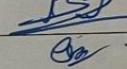
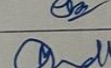
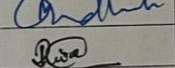
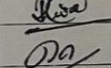
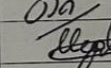
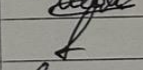
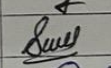
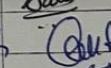
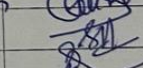
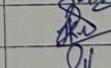
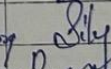
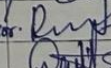
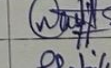
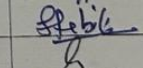
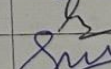
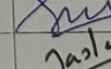
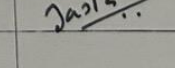
Yours Faithfully.



**FOUNDATIONS IN LABORATORY MEDICINE**  
**DEPARTMENT OF PATHOLOGY, MICROBIOLOGY**  
**AND BIOCHEMISTRY**

DATE: 25/07/2025

VENUE: CENTRAL LAB

SL.NO	NAME	DEPARTMENT	SIGN
1	DR. KRUPA RACHEL GEORGE	MICROBIOLOGY	
2	Dr. Naveen Elizabeth Sumaram R	BIOCHEMISTRY	
3	Dr. Aswathi Mahan K	Biochemistry	
4	Dr. Dharmaja Ashokan	Pathology	
5	Dr. Pradeepkumar K.M	Central Lab	
6	Dr. AMAL SHAJI	PATHOLOGIST	
7	Dr. Abhijith S	Pathology	
8	Dr. Mithila P.G	Microbiology	
9	Ramona K	central lab	
10	Jincy IP	central lab	
11	Dr. Megha Chidambaram	Pathology JR	
12	Dr. Anja Ramachandran	Microbiology, AP	
13	Dr. Swetha S	Microbiology, AP	
14	Dr. Anshu	Microbiology I PR	
15	Dr. Sruthi Hanidax	Pathology AP	
16	Dr. Prabhu K.P	Pathology AP	
17	Dr. Silpa Sreedharan	Pathology Professor	
18	Dr. Rajeeva	Pathology Professor	
19	Dr. Nasreen	Pathology SR	
20	Shikhi V	Central Lab	
21	Shabna R	Central Lab	
22	Dr. Shyamkrishnan	Biochemistry	
23	Dr. Jasla	Biochemistry	