

1-Day Hands-On Pre-Conference Workshop on Basics of Decoding Lab Data

(UNDER THE AEGIS OF THE ASSOCIATION OF MEDICAL BIOCHEMISTS OF INDIA- AMBI)

AMBI KERALA CHAPTER- THIRD STATE CONFERENCE

Date: 27TH MARCH, 2026.

Venue: MEU HALL, 7TH FLOOR,
Vallil Chatukutty Memorial Academic Block,
MMC Campus.

The **third state conference of the AMBI Kerala Chapter** was conducted at GMC Kozhikode on **28th–29th March 2026**, with **2.5 KSMC credit hours (Order No. C6/2888/2026/MC/CME)**. Pre-conference hands-on workshops were conducted across three medical colleges in Kozhikode (**MMCH&RC, GMC, and KMCT**).

Pre-conference workshop held in [MALABAR MEDICAL COLLEGE & RESEARCH CENTRE](#) on the topic **DECODING LAB DATA** was attended by pre-registered group of 30 number of delegates from across Kerala. The workshop was attended both by **post graduate students and faculty of Biochemistry**.



Fig. 1. The team consisting of the speakers, the organising team (Biochemistry department, MMC) and the delegate from across the state.

The **inaugural function** was held at 11 am, it was chaired by **our honourable chairman Shree Anil Kumar Sir, Dr. Padmaja madam** (Vice Principal academics), and workshop keynote speaker **Dr. Rajesh KM**. The dignitaries **emphasized the importance of such practical workshops** following the traditional lamp-lighting ceremony.



Fig.2 Pre conference workshop brochure.

BASICS OF DECODING LAB DATA	
Organised by MMC Kozhikode	
Date	: 27.03.2026
Venue	: Malabar Medical College,kozhiokode
Coordinator	: Dr Sneha Henry, Dr Shyam, Krishnan R
Program schedule	
8:15am-9:00am	: Registration
9:15am-10:45am	: IQC,EQAS, Lot Verification <i>Dr Rajesh K M</i> , Professor (CAP), GMC Ernakulam
10:45am-11:00am	: TEA BREAK
11:00am-12:00pm	: Precision, Accuracy, Total allowable error, Carryover studies <i>Dr Jyothsna S</i> , Assistant professor,GMC Trivandri
12:00pm-1:00pm	: Linearity and Instrument comparison <i>Dr Roopa Kulkarni</i> , Consultant Biochemist, Renai Medcity Hospital,kochi
1:00pm-2:00pm	: LUNCH BREAK
2:00pm-3:15pm	: Calculations in day to day lab reporting, Disclaimers <i>Dr Ashish K Joy</i> , Asst Professor, GMC Kollam
3:15pm-3:30pm	: Post test and feedback
3:30pm-4:00pm	: Valedictory function Certificate distribution

Fig. 3 Program schedule

The workshop started at 9 am with a detailed elaborate discussion on **IQC, EQAS and lot verification**, by Dr. Rajesh KM, which are the basics of medical laboratory set up. The intensive academic sessions of the workshop were made palatable by including ice breaking sessions, short fun activities, and quiz programmes to keep the audience engaged and interactive.

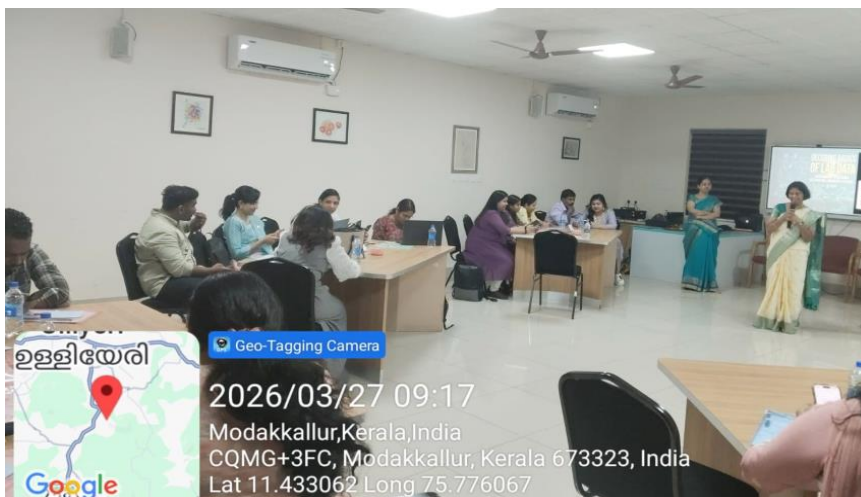


Fig. 4 Speakers Dr. Jyotsna in an engaging session with the delegates, while speaker Dr. Roopa Kulkarni overlooks the session.

Delegates were **divided into groups to promote collaborative and interactive learning**, and **short competitive activities were conducted to sustain engagement throughout the sessions.**



Certificate distribution Fig 5. -By Dr. Rajesh and Dr. Roopa, Fig 6. – Dr. Ashish Joy.



Fig 7- Organising team- Department of Biochemistry, Malabar medical college.

Dr. Jyotsna spoke about Precision, Accuracy, Total allowable error, Carryover studies, which help the lab managers to provide state of art health care services to the patients. Linearity and Instrument comparison was taken by **Dr Roopa Kulkarni**. Calculations in day to day lab reporting, and disclaimers was taken by **Dr Ashish K Joy**.

The workshop was well appreciated by all the delegates. MMCH &RCs famed hospitality was praised. The venue arrangements, the transport, food and beverages provided and other facilities was appreciated both by the speakers and the delegates.

The **key points of this workshop** was that the daily working of a routine clinical laboratory was discussed. Newer methodologies in improving the output was taught and lingering doubts not covered in routine trainings were cleared.

Dr. Sneha Henry

Organising Secretary,
AMBI-Pre conference workshop.