



**KAHER's**  
**Jawaharlal Nehru Medical College,**  
**Department of Biochemistry, Belagavi**  
**Organizing**  
**Value Added Course**



## **“Laboratory:A Clinician's Seventh Sense”**

### **Preamble**

This course will help Post Graduate students of medical field to understand the importance of writing appropriate requisition, generating quality results and valid reports, which provides accurate and reliable results to the clinicians to arrive at final diagnosis.

### **INTENDED LEARNING OBJECTIVES**

At the end of the course the post graduate student of medical field should be able to,

- Understand the flow of work in clinical Biochemistry laboratory.
- Realize the importance of providing the clinical and demographic characters of patient in requisition form
- Recognize and mitigate laboratory errors (Pre-analytical, Analytical and Post-analytical) to minimize false diagnosis
- Acknowledge the role of Quality Control Program for reliable and accurate results in helping clinicians for final diagnosis

**DURATION OF THE COURSE:** 2 Days (16 Hours)

**RESOURCE PERSONS:** Faculty of Biochemistry,  
Pathology and Microbiology

**TEACHING METHODS:** Interactive Lectures, Small group  
discussion and Activities (Role play/Scripted drama play by students)

**TOTAL PARTICIPANTS:** 15 per Batch

**Certification Criteria:** Certificate will be awarded after successful  
completion and Assessment of the course by Post-test  
(minimum 50% score)

**For Further Enquiry, Please Contact**

Dr Sangamma Sajjan,  
Assistant Professor,  
Department of Biochemistry  
J.N. Medical College, Belagavi  
9980872468

**Registration Details**

**REGISTRATION FEES:** 1000 Rs/Person

**Registration Link**

<https://forms.gle/oudQgkQsN1RoPpFW6>

### Day 1:17<sup>th</sup> August 2023

Time	Session	Faculty in charge
9:00 to 10:00am	Pre Test Orientation of Students to Value Added Course	Dr Sangamma Sajjan
10:00to 11 am	Role of Clinical Biochemistry in Evidence Based Medicine (EBM)	Dr Smita Sonoli
11:00 to 11.15am	Tea Break	
11.15to 12:00 pm	Biological variations of analytes in health,disease and physiological conditions	Dr Vanishree Bubanale
12:00 to 1:00 pm	Demonstrative sessions on Requisition, laboratory errors and Reporting	Dr Reshma D C
1:00 to2:00 pm	Lunch break	
2:00 to 3:00 pm	Patient preparation for different clinical investigations Group Discussion	Dr Preeti Maste
3:00 to 5:00 pm	Sample transport, Preparation, Acceptance and Rejection of the samples Role play by students	Dr A.M. Harlapur



## Day 2:18<sup>th</sup> August 2023

Time	Session	Faculty in charge
9:00 am to 11pm	Visit to Hi-Tech laboratory	
	Laboratory errors (Pre-analytical, Analytical and postanalytical errors ) Mitigation of laboratory errors in Hi-Tech Lab	Dr Vijayetha Patil
11:00 am to 11:15am	<b>Tea Break</b>	
11:15am to 1:00pm	Automation in Clinical Biochemistry Laboratory NABL v/s Non-NABL-How they make difference  Hands on training on Selection of standard methods and Quality Control	Dr Anil M
1:00 to 2:00 pm	<b>Lunch Break</b>	
2:00 to 3:00pm	Understanding of Documentation and records in laboratory Reporting and release of the laboratory reports	Mr. Ganesh Chavan
3:00 to 5:00pm	Post-test on value added course Feedback from the students <b>Certificate distribution</b>	Mrs Maya and Mrs Akshata