



**KLE Academy of Higher Education and Research**  
**Jawaharlal Nehru Medical College**  
**Department of Microbiology**



**Value Added Course for Post Graduates, Graduates, Interns of JNMC, Belagavi**

**“Diagnostic Microbiology skills”**  
**For Better Patient Care**

Microbiological investigations aid in specific diagnosis of infectious diseases and syndromes. Thus, learning the basic microbiology skills is paramount. Arriving at the clinical diagnosis and ordering the most appropriate test in each clinical scenario is an important first step. Validity of a test is based on choosing the right clinical specimen, its proper collection and prompt transport to the laboratory. Understanding the concepts of sterilization, disinfection, asepsis, and biosafety in clinical practice are essential. Providing the laboratory with patient's personal identification data and necessary details on present and past clinical status are equally important for better interpretation of test results. Test results make more sense when clinician understands the concepts and principles of diagnostic tests.

**Objectives:**

At the end of the training program, the learners shall be able to,

1. Arrive at the clinical diagnosis, select, and order the appropriate diagnostic test in each clinical scenario.
2. Choose and collect the right clinical specimen aseptically, and be able to promptly transport it to the laboratory.
3. Fill the necessary patient's details in the Sample request forms.
4. Interpret and apply the laboratory results for better patient care.

✚ Duration of the course: 2 Days (16 Hours)

✚ Resource persons: Faculty of Microbiology

✚ Teaching methods: Clinical scenario-based Demonstrations & Activities

✚ Frequency of the course: Once in a year

✚ Total participants: 40 students per batch

**Day 1:**

Topics to be covered during this secession				
8.30am – 9.00 am			Registration	
9.00am -9.15am			Inauguration	
9.15 am- 9.30am			Introduction for the session- Dr. Manjula. Vagarali, Prof & Head	
9.30am-10.00am			Pre-test	
STATION	Date /Day	TIME	TOPIC (CASE BASED DISCUSSION)	IN CHARGE STAFF
I	17/10/23 Tuesday	10.00am – 1.30pm	Surgical Site Infection (SSI)	Dr. M. B. Nagamoti
II			LRTI with Septicemia	Dr. Jyoti Nagamoti
Lunch break (1:30 pm-2:30 pm)				
III	17/10/23 Tuesday	2.30pm -5.30pm	Diarrhea & Dysentery	Dr. Sumati. Hogade
IV			URTI	Dr. Sheetal Harakuni

**DAY 2:**

STATION	Date/Day	TIME	TOPIC (CASE BASED DISCUSSION)	IN CHARGE STAFF
I	18/10/23 Wednesday	9.00am – 12.30pm	Blood stream infections (BSI)	Dr.Madhumati. Patil
II			Ear infections	Dr. Soumya. S
Lunch break (12.30 pm – 1.30 pm)				
III	18/10/23 Wednesday	1.30pm-4:00pm	Genital ulcer	Dr. Rubeena Mulla
IV			Urinary tract infection (UTI)	Dr. Manjula Vagarali
4.00pm -5.00pm			Post test followed by Valedictory	

 **E- Certificate distribution:** soft copy will be sent to respective email ID provided

For Further Enquiry, Please Contact:

Resource persons: Faculty of Microbiology

**Coordinator:**

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**Google form link for registration:**

[https://docs.google.com/forms/d/e/1FAIpQLSfKi5REKXy4wiPxRL1cvjKRecnocQ-9J7pMNAhff-Iw8LDBDQ/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSfKi5REKXy4wiPxRL1cvjKRecnocQ-9J7pMNAhff-Iw8LDBDQ/viewform?usp=sf_link)