

Jesty Abraham

Hosakote, Bangalore Rural - 562114

9108693924 | jestyabraham33@gmail.com

in <https://www.linkedin.com/in/jesty-abraham-10927b321>

Professional Summary

- Dedicated and detail-oriented Microbiology Tutor with strong academic and laboratory experience in medical microbiology, biochemistry, and genetics. Skilled in teaching, practical demonstrations, research guidance, and lab management. Adept at operating automated systems such as VITEK2, BACTEC, and CLIA, and ensuring SOP compliance, biosafety, and quality control. Passionate about fostering scientific learning and contributing to institutional excellence.

Personal Details

- Date of Birth : 13/05/2000
- Passport : C2629447

Experience

- Nova Institute of Medical Sciences and Research Centre** 20/10/2024 -
Microbiologist
 - Teach theoretical and practical microbiology to MBBS and allied health students.
 - Conduct microbiology experiments and guide students in practical and research projects.
 - Designed and organized lab infrastructure, including procurement and setup of equipment.
 - Operate and maintain automated systems – VITEK2, CLIA, and BACTEC.
 - Implement SOPs for biosafety and quality control in laboratories.
 - Assist in HR operations including staff data management, recruitment, and salary processing.
 - Manage front office operations, student coordination, and departmental documentation.
- JSS Hospital** 2022 - 2024
Teaching and Laboratory Assistant (Academic) in Microbiology
 - Assisted professors during microbiology experiments and demonstrations.
 - Prepared and maintained microbial cultures, slides, and experiment materials.
 - Maintained microbial cultures, lab records, and equipment inventory.
 - Ensured smooth practical sessions and student support.
- Neuberg Anand Academy of Laboratory Medicine** 01/02/2024 - 29/02/2024
Internship
 - Trained in diagnostic microbiology, automated testing, and QA systems.
 - Observed laboratory accreditation, workflow optimization, and report handling.

Education

- JSS Medical College (Autonomous), Mysuru, Karnataka** 2024
MSc Medical Microbiology
6.46
- Kristu Jayanti College (Autonomous), Bangalore, Karnataka** 2021
Bsc Microbiology, Biochemistry, Genetics
8.49
- Kyathi Girl's PU College** 2018
Pre University College
68%

- St George High school, Bangalore, Karnataka
SSLC
75%

2016

Skills

- Laboratory Skills: Microbial culture, Serology, AST, VITEK2, BACTEC, CLIA
- Technical Skills: Microsoft Office, ERP handling, Data entry, Reporting
- Interpersonal Skills: Teaching, Communication, Time management, Teamwork, Adaptability

Projects

- Evaluation of in-vitro antimicrobial activity of Tigecycline by disc diffusion, Vitek2, Microbroth Dilution against MDR Enterobacterales

Achievements & Awards

- Virtual Workshop: Genome Editing – Merck, CSIR-IMTech
- Webinar: AI in Infectious Disease Management – JSS Medical College
- CME Delegate: YES! WE CAN END TB
- Certifications: Biostatistics, Molecular Methods, Research Methodologies, Laboratory Accreditation

Publications

- In Vitro Efficacy of Tigecycline Activity Against Clinical Isolates of Multidrug-Resistant Enterobacterales: A Parallel Evaluation of Disc Diffusion, VITEK2 with Microbroth Dilution Journal of Clinical and Diagnostic Research (JCDR), 2025

Interests

- Baking
- Dancing
- Volunteerism

Languages

- English - Read, Write, Speak
- Kannada - Read, Write, Speak
- Hindi - Read, Write, Speak
- Malayalam - Speak
- Tamil - Speak
- Telugu - Speak

Reference

- Available upon request

JESTY ABRAHAM