



Lakshmi Shree Viswanath

Microbiology Laboratory Technologist

Email:

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DOB:

20 September 1998

Mobile:

+91-977-8584-790

Address:

Sai Kripa, Subhash Nagar, Poonithura P.O, Cochin, Kerala, India - 682038

Skills

Molecular techniques :

- Extraction (manual & automated)
- PCR (conventional & real-time)
- Gel electrophoresis

Automated Machines :

- cobas x480 PCR system
- QuantStudio5 PCR system
- cobas4800 PCR system
- cobas e411 analyser (ECL)
- MGIT 960 system
- GeneXpert MTB/RIF system
- VITEK-2 Automated ID and AST
- VITEK-MS system (MALDI-ToF)
- BacTec & BacTALERT (blood culture)
- Kingfisher Flex extraction system
- Nanodrop 2000

I am a self-motivated molecular biology enthusiast with a masters degree in Microbiology. I aim towards working in a world-class laboratory and bring in significant contributions to revolutionize the field of Microbiology.

Education



2019-2021

Master of Science (M.Sc.) CGPA : 7.2 (68.5 %)

Medical Laboratory Technology - Microbiology

Jawaharlal Institute of Postgraduate Medical Education and Research-JIPMER (An Institution of National Importance under the Ministry of Health and Family Welfare, Govt. of India), Puducherry, India. Website : <https://www.jipmer.edu.in/>

2016-2019

Bachelor of Science (B.Sc.) CGPA : 8.3 (78.7 %)

Medical Laboratory Technology

Jawaharlal Institute of Postgraduate Medical Education and Research-JIPMER (An Institution of National Importance under the Ministry of Health and Family Welfare, Govt. of India), Puducherry, India : Website : <https://www.jipmer.edu.in/>

Research papers

- Detection of vancomycin variable enterococci (VVE) among clinical isolates of *Enterococcus faecium* collected across India- first report from the subcontinent Indian Journal of Medical Microbiology (**PMID:34996658**)
- Prevotella oris: A lesser known etiological agent of pleural effusion Anaerobe (**PMID: 36116686**)

General microbiology :

- Specimen processing
- ELISA, ICT, VDRL, RPR, TPHA, WIDAL, LAT
- Culture media preparation
- Streaking techniques
- Air and water surveillance
- Anaerobic culture
- Wet mount preparation, Staining and Microscopy
- Computer skills

Molecular techniques

Automated machines

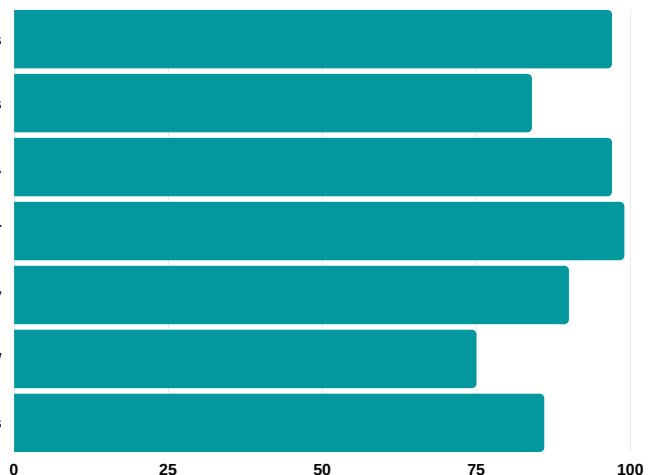
ELISA

Conventional culture and AST

Staining and microscopy

HICC work and BMW

Computer skills





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Cochin, Kerala, India - 682038

Soft skills

- Communication skills
- Strong attention to detail
- Time management skills
- Excellent leadership qualities

References

Dr. S Sujatha

Professor, Dept. of Microbiology

Jawaharlal Institute of Post-graduate Medical Education and Research (JIPMER), Puducherry, India
Contact Info : +91-989-4058-062 sujathasistla@gmail.com

Dr. Rakhi Biswas

Associate Dean (Academic) and Additional Professor in Dept. of Microbiology

Jawaharlal Institute of Post-graduate Medical Education and Research (JIPMER), Puducherry, India
Contact Info : +91-962-6823-562 dr.rakhibiswas@gmail.com

Dr. Rahul Dhodapkar

Professor, Dept. of Microbiology

Jawaharlal Institute of Post-graduate Medical Education and Research (JIPMER), Puducherry, India
Contact Info : +91-979-1933-708 rahuldhodapkar@gmail.com

Work Experience

Nov 2022 - Present

Application Specialist

Synergy Medical Systems LLP, Mumbai

Aug 2021 - April 2022 (8months)

Laboratory Technician- Molecular Diagnostics Laboratory

KMCT Medical College Hospital, Kozhikode, Kerala

July 2020 - Nov 2020 (5months)

Trainee-Covid-19 Laboratory

JIPMER, Puducherry

Awards and honors

- Presented a **Poster** titled "Detection of vancomycin-variable enterococci (VVE) among clinical isolates of *Enterococcus faecium*" in First Virtual Annual Congress of Indian Association of Medical Microbiologists (E-MICROCON 2020) conducted from 8th-11th December 2020 <https://www.iamm.in/>
- Secured **1st prize** in Quiz competition in CMLE on 'Recent Advances in Laboratory Medicine - REALM-'19' in commemoration of Medical Laboratory Professional's week organized by College of MLT - Mother Teresa Postgraduate and Research Institute of Health Sciences on 16th April 2019
- Secured **1st prize** in Quiz competition in MLTCON-2018 "An Update on Laboratory Medicine" held at Sri Venkateshwaraa College of Paramedical Sciences on 11th October 2018
- Participated in various maths and science quiz competitions as well as extra-curricular activities at school and college level

Languages known

English	-Fluent
Malayalam	-Native
Tamil & Hindi	-Intermediate
German	-Beginner

Hobbies

Volunteering	Dancing
Travel	Crafting
Cycling	Calligraphy
Social work	Yoga