

Shilpa Sasi

Microbiologist

Seeking a challenging position to utilize my skills and abilities that offers to grow mutually

Skills

- Biochemical Identification Test
- Antibiotic Sensitivity Test
- Isolation of DNA
- DNA sequencing
- Records & Data Management
- Agarose gel electrophoresis

Education

- 2018–2020 **MSc Microbiology**, *Mahatma Gandhi University, Kottayam, Kerala*,
Sample Collection, Sample Processing, Microbial identification by biochemical and molecular techniques
- 2015–2018 **BSc Biological Techniques & Specimen Preparation**, *Mahatma Gandhi University, Kottayam, Kerala, 76.4%*
- 2013–2015 **Higher Secondary Education**, *SNDP HSS Udayamperoor, Kerala, 75.6%*

Internship & Experience

- 2020 **Microbiologist Trainee**, *Ernakulam Medical Center Hospital, Ernakulam, Kerala*, department of Microbiology
Bacteriology and Serology.
Roles & Responsibilities:
- Performed, validated, and verified COVID-19 rapid tests using immunochromatographic techniques.
 - Experienced in laboratory machines such as digital balances, biosafety cabinet, compound microscope, Incubator, Autoclave and many others.
 - Performed bacterial and fungal staining procedures with a review of smears.
 - Prepared specimens and performed gram staining, Acid fast staining, and Giemsa staining.
 - Performed registration, inoculation, isolation, biochemical testing and identification.
 - Proficient in Antibiotic Sensitivity Test and Biochemical Identification Test.
 - Expertise in preparing different culture medias such as general medias, selective culture medias, enriched medias, differential medias, and so on.
 - Managed serological and immunological tests like Leptospira IgM ELISA, Dengue IgM ELISA, Dengue Ag ELISA, ANA ELISA, Dengue NS1, WIDAL, HBsAg, HCV, HIV (both Rapid & Elisa method), VDRL.
 - Responsible for maintenance of records and data management.

Areveli House – Udayamperoor P.O, 682307 – Ernakulam, Kerala, India

+91 8113815212 • ✉ shilpasasi.mailme@gmail.com •  [shilpa-link](#)

1/2

2016 **Internship**, *Malankara Orthodox Syrian church Medical College Hospital*, Kolenchery, Kerala, department of Microbiology, Biochemistry, Blood Bank, Histopathology, Hematology, Otorhinolaryngology and Ophthalmology

2018 **Internship**, *Synthite Industries limited*, Kadayirippu

Seminars & Conferences Attended

Attended a National seminar on “Oceanography and Oncology” held on 27th and 28th of February 2020 at Department of Biotechnology and Microbiology, MES M.K Mackar Pillay College for Advanced studies, Edathala, Aluva.

Awards

- Certificate of Appreciation from Union Christian College, Aluva for the participation in First Aid Camp during the All India University Softball Championship competition held at U C college during 25th to 31st January 2017
- Certificate of Appreciation from Union Christian College, Aluva for the participation in Ozone day Awareness programme held on 23rd September 2016 at S.N.D.P Higher Secondary School, Aluva

Computer skills

MS Office Excel, Word, PowerPoint

Interests

Cleaning & Organising Personal Space, House

Dance Semi-Classical

References

Ernakulam Medical Center, Cochin
Dr Vinod Xavier Franklin, Consultant Microbiologist and Infection Control Officer and Quality Manager, Ph:9746416272

UC College, Aluva
Dr Sareen Sarah John, Assistant Professor, HoD Biosciences, sareensj@gmail.com