

VISMAYA E

Microbiologist

CAREER OBJECTIVE

A Passionate and Enthusiastic Microbiologist having core knowledge on the microbiome seeking for a responsible and challenging opportunity that will utilize and enhance my skill set where i can actively devote my abilities through dedicated hard work

PROFESSIONAL EXPERIENCE

- **G. KUPPUSWAMY NAIDU MEMMORIAL HOSPITAL-COIMBATORE, TAMIL NADU**
MICROBIOLOGIST (01-09-2022 to Present)
- **MVR CANCER CENTRE AND RESEARCH INSTITUTE- CALICUT, KERALA**
MICROBIOLOGIST TRAINEE (15-12-2021 to 15-03-2022)
- **CENTRAL LAB HEALTH AND DIAGNOSTIC CENTRE-VAVANOR, PATTAMBI**
MOLECULAR BIOLOGIST TRAINEE (18-10-2021 to 18-11-2021)
- **THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED (FACT)-UDYOGAMANDAL, COCHIN**
INTERNSHIP (27-08-2019 to 31-08-2019)

EDUCATIONAL QUALIFICATION

- Msc Microbiology From University Of Calicut [75%] (Pazhassiraja College) -2021
- Bsc Microbiology From University Of Calicut [70%] (Fathima Arts and Science College)- 2019
- Higher Secondary Education from board of Kerala-2016
- Secondary School leaving Certificate from board of CBSE- 2014

ACADEMIC PROJECTS

- Molecular Identification and Synthesis of Silvernanoparticles from *Saraca Asoca* leaf extract and study of its Anti-Microbial and Anti-Pest activity
- Production and Optimization of L-asparaginase Enzyme From Soil actinomycetes

STRENGTHS

- Good Communication Skills
- Efficient Team Worker
- Fast Learner
- Team Building
- Positive Attitude



CONTACT ME AT



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<https://www.linkedin.com/in/vismaya-e-aab652213>

PERSONAL DETAILS

Date Of Birth : 23/03/1998

Age : 24

Nationality : Indian

LANGUAGE

- English
- Malayalam
- Hindi
- Tamil

SKILLS

LABORATORY SKILLS

Microbial Techniques; Staining techniques and Microscopy, Isolation and Identification of Bacteria and Fungi, Morphological, Biochemical and Molecular Characterization of Bacterial and Fungal Cultures. Able to perform pure culture isolation techniques, Identification using differential media, Antibacterial and Antifungal susceptibility test

Molecular Techniques; RT PCR, Protein and DNA Estimation, DNA Extraction, RNA Extraction, Micropipetting

BACTERIOLOGY

- Culturing of various specimens like Urine, Blood, Sputum, Tracheal Aspirate, CSF, Bronchoscopic Specimen, Throat Swab, Vaginal Swab, Wound Swab, Ear Swab, Tissues, Sterile Body Fluids, PUS, Stool, Wounds, Bile, Catheter Tip, Sputum, other body fluids, Central Line Tip
- Bacteriological Analysis of Water Sample
- Perform Staining techniques like Gram Stain, Acid Fast Stain-M.TB, Acid Fast Stain-Nocardia, Acid Fast Stain-M. Leprea (Slit Skin Smear)
- MRSA Screen Test

SEROLOGY

- Performed Serological Tests in Bacterial Serology and Viral Serology (HBsAG, Anti HCV and HIV 1 & 2 Ab, Anti HAV IgM, Anti HBc Total, Anti HBc IgM, Anti HBc)
- Rapid Card Tests Like Leptospira IgM Ab & IgG Ab, Dengue NSI, IgG & IgM, Scrub Typhus Ab, Respiratory Syncytial Virus Antigen(RSV), Group A Streptococcal Antigen Test, Cryptococcal Antigen(Serum/CSF),Rota, Adeno, Astro & Noro Virus Antigen (Stool), Clostridium Difficile (GDH, Toxin A & Toxin B,), Chikungunya IgM Ab
- Performed tests like Procalcitonin, Troponin I, Ferritin, Varicella IgG (Vidas, ELFA), C-Reactive Protein, Rheumatoid Factor, ASO Test
- Widal Test, Weil Felix Test, Brucella Agglutination, VDRL Test, IM Latex Test

MYCOLOGY

- Identification and Speciation Of Yeast, Filamentous and Dimorphic Fungi
- Performs Antifungal Susceptibility Testing for Yeast like Fungi
- Fungus KOH Method
- Fungal Culture
- Cryptococcal Antigen Test
- Clostridium Toxin Test

PARASITOLOGY

- Malaria antigen Detection (Immunochromatographic test)
- Stool Microscopy for cysts/ Trophozooids/Helminthic Eggs/Larvae and Adult Worms

EQUIPMENTS HANDLED

- Vidas, Vitek 2 - compact, Bact/Alert3D, Esco Biosafety Cabinet Class 2, Centrifuge, BD BACTEC FX 200, SEIMENS, Abbott Architect i 1000 SR, Beckman Coulter Access II, Beckman Coulter DXC 700 AU

IT INFORMATION

- Microsoft Word, LabSys Health, WHONET

ACHIEVEMENTS AND AWARDS

- UGC STRIDE Workshop on "BASIC ADVANCED MOLECULAR TECHNIQUES" held from 7th June 2021 to 11th June 2021
- Attended National Seminar on "Smart Agriculture-A Key towards Global Food Security" held from 30th September 2021 to 1st October 2021 at Pazhassiraja College, Pulpally, Wayanad
- Attended National E-Conference "Current Trends in Life Sciences" organised by Department of Biotechnology and Microbiology from 14th September to 23rd September 2020
- Participated webinar entitled "Combating COVID with Ayurveda and Yoga; indigenous Defense Against The Global Pandemic" organized by T.K.M College of Arts and Science, Kollam on 7th September 2020

Online Course

- Bacterial Genome; Disease outbreaks and antimicrobial resistance
- HTML Essential Training

REFERENCE

Dr.Kavitha R Dinesh

Head Of Laboratory Services and Senior Consultant Microbiology
MVRCCRI, Calicut, Kerala

DECLARATION

I hereby declare that the information stated above is true to the best of knowledge

Vismaya E