

JAHANA NESRIN.K

CONTACT

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Muweilah, Sharjah, UAE

SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

EDUCATION

Master of Science (Microbiology)
Government Arts & Science College, Kozhinjampara
Calicut University
2022 -2024

Bachelor of Science (Microbiology)
Majlis Arts and Science College, Puramannur
Calicut University
2019-2022

Higher Secondary
GHSS Kuttippuram.
2017 -2019

LANGUAGES

English

Hindi

Malayalam

PERSONAL DETAILS

- DOB : 11/01/2002
- Nationality : Indian
- Passport No: C7213549
- Marital Status : Married
- Sex : Female

TECHNICAL SKILLS

- Food Analysis
- Soil Analysis
- Water Analysis
- General and food microbiology

PROFILE

Seeking a dynamic and challenging position within a distinguished organization that fosters growth and innovation. Eager to apply my skills and knowledge, while continuously learning and developing, to contribute effectively to the organization's success. I am committed to leveraging my potential to drive impactful results and contribute to the company's long-term objectives.

PROJECTS

- Comparative study on micro-organisms of organic and inorganic soil
- Potable water making from the air conditioner drainage water by using the food grains *Trigonella foenum-graecum*

TECHNICAL PROFICIENCY IN LAB

- Media preparation for bacterial cultures.
- Serial dilution method for bacterial cultures.
- Pouring, plugging, slant preparation and streaking on plates.
- Subculturing of microbes.
- Isolation and culturing of microbes from soil sample (through serial dilution method), water sample (through serial dilution method), air (through exposure method).
- Biochemical test for screening of microbes.
- Isolation of antibiotic resistance microbe from soil.
- Staining (endospore, capsular, acid fast, fungal staining with lactophenol cotton blue and gram staining for bacteria.
- Antibiotic sensitivity test.

Water Testing

- Detection of Total Coliforms, Fecal Coliforms and *Escherichia coli* using membrane filtration and MPN method
- Detection of *Legionella pneumophila*

CERTIFICATIONS

- Highfield Level 3 Award in HACCP for Food manufacturing (RQF).
- Highfield Level 4 International Award in Food Safety Management for Manufacturing.

PROFESSIONAL DEVELOPMENT TRAINING

- Participated in a live webinar on **"Early detection of genetic disorders"** organized by the dept. of microbiology and IQAC, Majlis Arts and Science College on 18th July 2020.
 - Participated in an International webinar on **"IPRs in the precinct of competition law: when a 'refusal to deal' should exempted in high technology markets?"** organized by Dept. of Computer Science in association with CPE, IQAC and Industrial Innovation Council, St. Thomas College, Thrissur, on 17th March 2021.
 - Wheebox National Employability Test Certificate.
 - Participated in IP awareness/training program under national intellectual property awareness mission on 25th March, 2022.
 - Participated in National seminar on **"Sustainable future through microbial innovations"** organized by PG and Research Department of Microbiology, Government Arts and Science College Kozhijampara On 12th and 13th October 2023
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TRAINING

KIMS ALSHIFA SUPERSPECIALITY HOSPITAL , PERINTHALMANNA, MALAPPURAM, KERALA.
MICROBIOLOGY TECHNOLOGIST - FROM JUNE 2022 TO AUGUST 2022

- Conduct various tests, analyzed the results and prepare the reports based on findings to diagnoses various diseases.
 - Prepare media for various organism and culture them for recognition, Sonication of tissue sample.
 - Perform rapid antibody card test for diagnosing HIV, HCV, HBsAg, Syphilis, Dengue.
 - Perform serial dilution of water sample for calculating the concentration of microorganisms in water.
 - Collect sample using nasal swab and perform RT-PCR test to detect COVID 19.
 - Maintaining accurate records of all activities and tests conducted in the laboratory.
 - **Types of samples dealt:** urine, sputum, blood, pus, stool, ear swab, bone marrow, bronchial washings, CSF, skin scrapings, synovial fluid, throat swab, urethral discharge.
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EQUIPMENTS HANDLED

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|---------------------|----------------------------|
| • Autoclave | • Bunsen burner |
| • Centrifuge | • Hot plate |
| • Hot air oven | • Incubator |
| • Laminar air flow | • Magnetic stirrer |
| • Microscope | • Colorimeter |
| • Spectrophotometer | • UV-Vis Spectrophotometer |
| • Waterbath | • BacT/Alert System |
| • VITEK 2 Compact | |
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