



APARNA R KUMAR

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Objective

Seeking a position to utilize my knowledge, skills and abilities in the industry that offers competitive environment, a true profession to put in the acquired knowledge and gain exposure to upcoming technologies while being resourceful, innovative and flexible.

Experience

- DDRC SRL** 07/09/2021 - Currently Working
Junior Microbiologist
- RAJAGIRI HOSPITAL** 02/03/2021 - 03/09/2021
Microbiology Trainee - Observer
- AIWA MANUFACTURERS** 27/09/2017 - 02/09/2018
Quality Controller (Microbiologist)

Education

- Sree Sankara College, Kalady** 2020
M.Sc Microbiology
B
- Sree Sankara College, Kalady** 2017
B. Sc. Microbiology
67%

Projects

- MICROBIALLY SYNTHESISED LIPOPEPTIDES AND IT'S APPLICATIONS**
Review Article submitted to Mahatma Gandhi University in partial fulfillment of the requirements for the award of the degree of MASTER OF SCIENCE IN MICROBIOLOGY.
- IMMOBILIZATION, PLANT GROWTH PROMOTING ACTIVITY ANALYSIS AND BIOFERTILIZER PRODUCTION FROM TWO DIFFERENT BACTERIAL ISOLATES FROM SOIL**
A Dissertation submitted to Mahatma Gandhi University in partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN MICROBIOLOGY.

Technical Proficiency

- MICROBIOLOGY**
Media preparation for bacterial culture, Inoculation and Culturing, Sub Culturing of microbes. Pouring, plugging and slant preparation. Serial dilution and streaking on plates. Isolation and Culturing of microbes from air, soil and water samples. Biochemical test for screening of microbes. Antibiotic sensitivity test. Determination of cell size of microorganisms. Growth kinetics of microbes. Staining - (Gram staining, AFB, Endospore, Capsular, Flagellar staining and Fungal Staining with LPCB). Thin layer & Paper chromatography, Immunodiffusion, Fungal Culture, Mycobacterium Culture.
- INDUSTRIAL MICROBIOLOGY**
Estimation of protein by Biurette method and Lowry's method, MBRT.

- **INSTRUMENTS HANDLED**

Microscope, Autoclave, Hot Air Oven, Colorimeter, Laminar Air Flow, Centrifuge, Incubator, BOD Incubator, Mechanical Shaker, PCR Instrument, pH meter, BacT / ALERT, BIOMERIEUX - VIDAS, Mini VIDAS, GeneXpert System - Cepheid, ABBOTT ARCHITECT PLUS i1000 SR, Mispa i3, VITEK 2 COMPACT, IMMULITE 2000 XPI, DiaSorin Liaison XL, Centaur XPXP, Cobas E411.

- **MEDICAL MICROBIOLOGY**

Culturing of Specimens :- Stool & Tip, Urine, Blood, Pus & Exudates, Respiratory Specimens, CSF & Body Fluids, MRSA.

Serology :- RPR Card Test, ASO Card Test, Clostridium difficile Card Test, Dengue Card Test, Lepto Card Test, RF, RA Card Test, IgG, IgE, HIV, HCV, HBsAg, AHBsAg, Hpylori-IgG, Procalcitonin, Covid Total IgG, RPR, VDRL/RPR in Dilution, Monospot, WIDAL, ELISA.

Co-Curriculum Activities

- I have completed the two days HACCP and GMP awareness and Implementation Training Programme conducted by International Institute for Certification and Training.
- I have participated in the Silver Jubilee National Seminar Biospectrum 2020- Genomics, organized by Postgraduate and Research department of Microbiology, Sree Sankara College, Kalady.
- I have participated in the One day workshop on "Role of Intellectual Property Rights in Academia" Organized by Patent Information Centre-Kerala, KCSTE, Postgraduate department of Chemistry, Sree Sankara College, Kalady.
- I got an opportunity to attend UGC sponsored two day National Seminar at MES College, Marampilly.

Personal Details

- Date of Birth : 27/05/1996
- Marital Status : Single
- Nationality : Indian
- Father's Name : T. P. Ravikumar
- Mother's Name : Bindu. S
- Languages : Malayalam, English, Hindi

Declaration

- I hereby declare that all the information provided by me on this application is true and complete to the best of my knowledge.

APARNA R KUMAR