



**FARZANA KAMAL**

**MICROBIOLOGIST**

### **PERSONAL DETAILS**

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**Address:**

Peruparambil (H) Mariyathuruthu P.O. Varissery  
Kottayam, Kerala-686017

**E-Mail:**

farzanakamal445@gmail.com

**Phone:**

+91 7356838110

### **LANGUAGES**

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- English
- Arabic (reading and writing)
- Malayalam

### **SKILLS**

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- Molecular Diagnosis of infectious diseases (Real Time RT-PCR, CBNAAT, TrueNAT, POC PCR).
- Basic and advanced techniques involved in the microbiological diagnosis of Bacterial, Fungal and Parasitic diseases.
- Sample collection.
- Serological techniques.
- MS Office and database system.
- LIS (Laboratory Information System).
- Data Analysis.

### **CAREER ABRIDGEMENT**

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Enthusiastic candidate looking forward to frame successful career through organizations that may help to grow professional skills as well as encourage continuous learning and equip me to emerging technologies and thus to accomplish professional and personal growth

### **WORK EXPERIENCE**

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Worked as trainee Microbiologist at Central Research Laboratory, **Believers Church Medical College Hospital**, Thiruvalla, Pathanamthitta, Kerala (01/06/2020-10/01/2021)

### **KEY RESPONSIBILITIES**

- Performed Rapid Antigen Test, COVID-19 RT PCR, and other different Bacterial and Viral PCR test.
- ICMR registration of Covid 19 test.
- Processed samples like Blood, Urine, Stool, Respiratory and Exudates.
- Bacterial culture, isolation and identification of bacteria and antibiotic sensitivity by manual and automated method.
- Documentation of COVID-19 and other routine tests carried out in laboratory.
- Performed maintenance of different equipments (daily & weekly) and also documentation of equipment maintenance.
- Handled documentation procedures of ILC, CMCVIRIOEQAS, IQC.
- Processed Food and Water samples by Standard methods.

### **ACADEMIC CREDENTIALS**

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| 2020-2022 | <b>MSc. Microbiology</b> - Marthoma College, Thiruvalla, Kerala, University of Mahatma Gandhi (GPA-4.29, grade A). |
| 2017-2020 | <b>BSc. Microbiology</b> -PGM College, Kottayam, Kerala, University of Mahatma Gandhi (CGPA%- 82.48%-grade A).     |
| 2015-2017 | Higher Secondary School Kerala State Board (85%).  |

## **CERTIFICATES & ACHIEVEMENTS**

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- Awarded certificate for attending webinar on “**Cardiovascular Science and Laboratory Medicine**”, organized by Association of Clinical Biochemist of India, Believers Church Medical College Hospital, Thiruvalla, Pathanamthitta.
- Awarded certificate for attending webinar on “**Life and Health: A Microbiome Perspective**”, organized by Kerala Biotechnology Commission, Kerala State Council for Science, Technology and Environment.
- Awarded certificate for attending a short course on “**Research Laboratory Techniques**”, organized by Pushpagiri Medical College Hospital, Thiruvalla, Pathanamthitta.

## **INTERESTS**

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- Reading
- Songs
- Travelling

## **REFERENCE**

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- **Dr. Riju Mathew**- Lab Manager & Asst. Prof, Department of Biochemistry, Believers Church Medical College, Thiruvalla, Pathanamthitta.  
labmanager@bcmch.org  
Mob-9447659378
- **Prof. Happy Krishnan**-Asst. Professor and HOD, Post Graduate Department of Bioscience, Marthoma College, Thiruvalla, Pathanamthitta.  
Mob-9633668631

## **MACHINES HANDLED**

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- In **Molecular Biology**,  
Biorad CFX 96well RT PCR Analyzer  
TrueNat RT PCR,  
GeneXpert System (cepheid)  
Abbot ID NOW
- In **Microbiology and Serology**,  
Bact/Alert 3D  
Vitek compact 2  
Vidas Analyzer  
MGIT 320  
Vitros 3600 Immunoanalyzer (CLIA)

## **PROJECT EXPERIENCE**

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- **Isolation of Bacteriophage from sewage and its application in waste water treatment** (Supervisor- Dr. Achamma Thomas, CEO and Director of MERIT Biolab, Ernakulam, Kerala).
- **Exploring Phytochemical and Antibacterial activity of different parts of *Clitoria ternatea* against Nosocomial infection causing bacteria** (Supervisor- Prof. Happy Krishnan, Asst. Professor and HOD, Post Graduate Department of Bioscience, Marthoma College, Thiruvalla, Pathanamthitta, Kerala).

## **AREA OF EXPERTISE**

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- Bacteriology
- Serology
- Molecular Biology

## **DECLARATION**

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I hereby declare that the above-mentioned information is true and I bear the responsibility for the correctness of the above-mentioned particulars.

**FARZANA KAMAL**