



GREESHMA RAJ

PERSONAL PROFILE

Date of Birth : 01/12/1997
Gender : Female
Marital Status : Single
Nationality : Indian

CONTACT INFO :

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ADDRESS

Thundathil House
Kappadu PO
Kanjirappally
Kottayam, Kerala

SKILLS

- Reading, understanding and compliance to institution's policies & procedures.
- Microbiology and Molecular microbiology techniques.
- Good Laboratory Practice
- Lab Diagnostic Equipments
- Point Of Care PCR
- Laboratory Information Management System
- Environmental Monitoring
- Standard Operating Procedure
- Quality Control
- Good communication and analytical skills.
- Have an AHA certified BLS certificate

CAREER OBJECTIVE

Intend to build a career with expertised lab skills and environment with committed and dedicated people, which will help me to explore myself fully and realise my potential willing to work as a key player in challenging environment.

AREAS OF INTEREST

As clinical microbiologist in hospitals and private labs, Quality assurance technologist, Food, industrial and Environmental microbiologist, scientific laboratory technician, Pharmaceuticals, R & D Center, Biosafety.

PROFESSIONAL EXPERIENCE

*CARITAS MULTISPECIALITY HOSPITAL, KOTTAYAM, KERALA

(NABH & NABL ACCREDITED)

TRAINEE MICROBIOLOGIST

- Worked as a trainee microbiologist from 11 April 2022 to 10 October 2022.

SKILLS

- Identification of bacterial and fungal infection.
- Culturing of clinical samples.
- Identification of organisms using various biochemical medias.
- Bacterial and fungal culture.
- Staining techniques.
- Antibiotic Sensitivity Testing
- Water Culture
- Serology
- Sterility Checking
- Trained on Biomeriux BACT /ALERT 3D 60 and VITEK 2 COMPACT.
- Recording, analysing and interpretation of data.
- Handled Laboratory Information Management System
- **Molecular:**
 - CB-NAAT for SARS-CoV-2
 - GENEXPERT for MTB and HCV

***GENES2ME PVT. LTD, GURGON HARYANA**

JUNIOR SCIENTIFIC OFFICER

- Worked as junior scientific officer under Genes2me pvt.ltd in Cochin International Airport as part of covid screening project from November 2021 to February 2022.

SKILLS

- Nasopharyngeal/Oral sample collection
- Mastermix preparation and Pipetting
- Experienced in Point of Care PCR Techniques
- Knowledge in data-analysis & Result interpretation
- Handled Labmate patient management system ,
- Attended internal Lab Auditing, Documentation works
- Operated Rapid PCR, “Rapi-Q” (10- Catridge based plate) and Rapi-Q HT , & Q-tower
- Experienced in Customer Relationship and Billing

EDUCATION

- ❖ **MASTER OF SCIENCE - MICROBIOLOGY**
MG UNIVERSITY (2019 -2021)
SNGIST ASC, NORTH PARAVUR, ERNAKULAM
- ❖ **BACHELOR OF SCIENCE - MICROBIOLOGY**
MG UNIVERSITY (2016 - 2019)
PGM COLLEGE, KANGHAZHA, KOTTAYAM
- ❖ **HIGHER SECONDARY**
GOVERNMENT OF KERALA (2014 - 2016)
AKJM HSS, KANJIRAPPALLY, KOTTAYAM
- ❖ **10TH**
CBSE (2013 - 2014)
ST.JOSEPH PUBLIC SCHOOL AND JUNIOR COLLEGE,
KANJIRAPPALLY, KOTTAYAM

PROJECT COMMITED

1.BSc- De-inking Efficacy Of Dye Degrading Bacteria

Project description : Isolation and identification of dye degrading bacteria from petroleum refinery soil

2. MSc- Dental Plaque

Project description : Isolation, identification and antimicrobial activity of *syzygium cumini* against dental plaque organisms.

PRACTICAL AND INSTRUMENTAL SKILLS

- **Practical skills:** Media preparation and sterilization techniques, Plating techniques, Isolation and culturing of microorganism, Staining techniques, Biochemical techniques, Water Culture, Pipetting, DNA isolation, Chromatography.
- **Instruments handled:** Microscope, Biomeriux BACT ALERT, VITEK, Vitek Densichecker, ELISA reader, Cepheid GENEXPERT, Colorimeter, Spectrophotometer, Autoclave, Water bath, Hot Air Oven, Incubator, Rotary shaker, Centrifuge.
- **Serology Tests :** Dengue IgM and NS1 ELISA, Leptospira IgM ELISA, Quantiferon TB Gold, ANA by IFA and ANA Profile by Immunoblot, Endotoxin.
- **Computer skills:** Handled WHONET, MS Word, MS Excel, Powerpoint apart from basic knowledge.

LANGUAGES KNOWN

English, Malayalam, Hindi, Tamil

STRENGTH

- Willingness to learn
- Good lab skills
- Hard Working
- Positive Attitude
- Disciplined Adaptability
- Confidence
- Patience

DECLARATION

I do hereby declare that all the information provided above are true to the best of my knowledge.

GREESHMA RAJ