

# CURRICULUM VITAE



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Mobile: 9526058639

Place: Kerala, India

## ROSE MARIA J

### Master of Science in Microbiology

#### CAREER OBJECTIVE

To apply my extensive knowledge in order to achieve the organization's as well as my personal goal and work to learn and intend to build a career with committed and dedicated people, which will help me to explore myself fully and realize my potential.

#### PERSONAL PROFILE

Name : Rose Maria J  
Father's Name : James M P  
Date of Birth : 23 /10/1998  
Sex : Female  
Marital status : unmarried  
Address : Maliyammave House, P O Ponnore, Thrissur, Kerala, India, Pincode-680552  
Hobbies : Reading, Gardening, cooking and listening music  
Qualities : Adaptable, Interactive and Flexible

## EDUCATION AND QUALIFICATIONS

Passing Year	Qualification	Board/ University	Institute	Percentage/ CGPA
2021	M Sc. Microbiology [ NAAC Accredited ]	Calicut University, Kerala	St. Mary's College, Thrissur	81.4 %
2019	B Sc. Microbiology [ NAAC Accredited ]	Calicut University, Kerala	St. Mary's College, Thrissur	4.30/6
2016	HSE	Kerala State Board	St. John's HSS, Parappur, Thrissur	87%
2014	SSLC	Central Board of Secondary Education	Nirmal Jyothi Central School, Mundur, Thrissur	9.2/10

## PROJECT EXPERIENCE

- Isolation, Characterization, Optimization and Evaluation of Anti-bacterial, Anti-fungal, Bio emulsification, dyeing properties of *Serratia marcescens* strain TS1 under Dr. Jimtha John C.
- Evaluating the defensive ability of *Enterobacter hormeachei* isolated from gut of crab against biofilm producing *Pseudomonas aeruginosa* under Dr. Kayeen Vadakkan.

## TECHNICAL SKILLS

- Ensuring proper maintenance of biomedical equipment.
- Biochemical identification of pathogenic microbes.
- Sample collection, preparation and analysis.
- Media preparation and sterilization for cultivation of microorganisms.
- Mycobacteriology - examination of specimen for AFB screening and culture
- Mycological sample processing
- Performing serological tests like Leptospira IgM, Dengue IgM, ANA, ACCP, Anti ds DNA etc..
- Turbidometric assays like CRP, RA, ASO, C3 and C4.
- Processing of specimen like blood, urine, sputum, pus, and other fluids.
- Maintaining proper records and registers.
- DNA and RNA isolation.
- Performing Agarose gel electrophoresis.
- Performing Polymerase Chain Reaction (PCR).
- Testing of water sample and food sample.
- Separation techniques: Paper and Thin layer chromatography.
- Performing Truenat for identification of SARS CoV -2.
- Performing Real-Time PCR for identification of SARS CoV -2.

## **IT SKILLS**

Microsoft Office, Microsoft Excel, Microsoft PowerPoint

## **PERSONAL SKILLS**

- Leadership skills and Team working
- Time management and documentation skills.
- Self-motivated and ambitious
- Able to work under pressure
- Problem solving skills.
- Communication skills.
- Content writer.

## **CERTIFICATION PROGRAMMES**

- Completed certification course in Mushroom Cultivation Techniques conducted by Department of Microbiology- St. Mary's College, Thrissur (2017-2018).
- Completed an online non-credit course on COVID contact tracing authorized by John Hopkins University (2020).
- Completed 6 months English Content Writing Internship at Larkes Life Link (OPC) Pvt. Ltd, Kochi (2020).

## **SEMINARS and WORKSHOPS ATTENDED**

- Attended National Conference on Molecular Tools and Disease Diagnosis, organized by Department of Biotechnology Engineering, Sahrdaya College of Engineering and Technology, Kodakara, Kerala (2019).
- Attended International webinar on 'Pharmaceutical interventions for the management of Covid-19' organized by Department of Microbiology, St. Mary's College, Thrissur (2020).
- Attended International webinar on 'Mushrooms- Nature's Gift' organized by Department of Microbiology, K.R College of Arts and Science, Kovilpatti (2020).
- Attended National webinar on 'Inflammation, cancer and Nutraceuticals: how they are linked?' organized by Department of Microbiology, St. Mary's College, Thrissur (2020).
- Attended National webinar on 'Lifestyle Cardiovascular diseases' organized by St. Mary's College, Thrissur (2020).

## **QUIZ ATTENDED**

- Participated in National Level Microbiology e-quiz program (2020).
- Participated in National Level biotechnology Quiz competition organized by Department of Biotechnology, Sri Bhuvanendra college, Karkala (2020).

## TRAINING ATTENDED

- Completed 6 months training in Diagnostic Bacteriology, Media preparation and serology in **NABH** accredited hospital - Amala Institute of Medical Sciences (**AIMS**) Thrissur, Kerala (01/10/2021 – 31/03/2022) .

## ACHIEVEMENTS

- Won the best paper presentation award under IQAC of St. Mary's College, Thrissur (2020)

## LINGUISTIC ABILITY

Languages	Read	Write	Speak
English	Yes	Yes	Yes
Malayalam	Yes	Yes	Yes

## REFERENCE

- Dr. Meera C R, HOD, Department of Microbiology, St. Mary's College, Thrissur  
Email: [meeramahes@yahoo.com](mailto:meeramahes@yahoo.com), Mobile: 9495369274
- Dr. Dhanya K C, Assistant Professor, St. Mary's College, Thrissur  
Email: [ghanuchandra@yahoo.com](mailto:ghanuchandra@yahoo.com), Mobile: 9947496077

## DECLARATION

I hereby confirm all the information given above are true and correct to the best of my knowledge.

ROSE MARIA J

Place: Kerala, India