

CONTACT

ROSE MARY C S

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Cherthala, Alappuzha, Kerala, 688530



OBJECTIVE

Entry level microbiologist with experience in molecular and microbial characterisations. Interested in analysis of research works and being a part of it. Very knowledgeable in media and reagents preparation, biocontrol activities and microbial culture techniques. Strong technical skills relating to handling lab specimen and equipments and data collection and presentation.

EXPERIENCE

- 2022

- **Regional public health laboratory, Ernakulam**

Lab technician

- Sample processing
- RNA extraction
- CBNAAT
- TRUENAAT

- 2021

- **Sandor Medicaids Pvt Ltd , Hyderabad**

RTPCR sample collection

Carrying out collecting 100+ specimen per day for RTPCR tests under Alappuzha dist, Kerala.

- 2021

- **Indian Institute of Spices Research, Kozhikode, Kerala**

Master degree Project

- *Isolation and characterization of microorganisms from soil.*
- *Screening of PGPR Traits.*
- *Selection of nitrogen fixing bacteria from soil.*
- *Molecular characterization (Isolation of DNA,PCR,Gel electrophoresis & Identification of Sequence from BLAST).*
- *Microscopic examination of microorganisms.*
- *Preparation of media, reagents.*
- *Interpretation and preparation of reports.*

- 2018

- **Biomerit Lab**

Bachelor degree project

- *Preparation of media, reagents.*
- *Isolation and biochemical characterization.*
- *Extraction of pigment from bacteria.*
- *Antibiotic sensitivity .*

EDUCATION

2019 - 2021

- **Kerala University of Fisheries and Oceans Studies, Kochi, Kerala**
MSc Marine Microbiology
7.61/10 OGPA

2016 - 2019

- **Sree Narayana Guru Memorial Arts and Science College, Thuravoor, Alappuzha**
BSc Botany & Biotechnology
69.57 %

2014 - 2016

- **St Francis Assisi HSS, Arthunkal, Cherthala**
Higher secondary
74.41%

2014

- **St Francis Assisi HSS, Arthunkal, Cherthala**
SSLC
92%

TECHNICAL SKILLS

- **Molecular biology**
DNA/RNA isolation, PCR, Gel Electrophoresis
- **Microbiology**
Microbial culture techniques, Screening of PGPR traits, Biocontrol activity.
- **Data collection, analysis and presentation**
MS Office Word, Excel, Powerpoint

PROJECTS

- **Bachelor degree**
Extraction of pigment from pseudomonas and its anti-microbial properties.
- **Master degree**
Isolation and characterisation of Nitrogen fixing bacteria with multiple plant growth promoting traits and biocontrol potential.

REFERENCE

- **Dr Praveena R - "Division of Crop Protection, ICAR Indian Institute of Spices Research, Kozhikode, Kerala."**
Senior scientist
praveenaravindran55@gmail.com
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- **Dr S.Suresh Kumar - "School Of Ocean Studies And Technologies Kerala University Of Fisheries And Ocean Studies - KUFOS, Kochi"**
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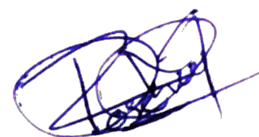
EXTRA CURRICULAR ACTIVITIES

- International conference on "Recent Biotechnological innovation in aquaculture(RBIA)" organised by Department of zoology school of life sciences, Bharathiar university Coimbatore on 27th-28th February 2020

- National seminar on "Current Developments in science for a sustainable future"organised by KVM College of engineering and technology kokkothamangalam p.o Cherthala on 27th February 2018
- National webinar on "Molecular Docking studies:A Paradigm shift in Anticancer Research"organised by the Department of zoology, morning star home science College Angamaly 16th may 2020
- Participated in the One Day Attachment Programme (ODAP) organised by C_SiS(Centre for Science in Society),CUSAT on 4/07/2015

DECLARATION

- *I here by declare that the above furnished information is true to the best of my knowledge.*



Rose mary C S