

## RESUME



**SWETHA M KRISHNAN**

### **CONTACT INFORMATION**

Email ID : swethakrishnan364@gmail.com

Mobile No. : 7012273798

### Address

Kumarisadanam  
Pathirappally PO, Alappuzha.

Pin : 688521

### Personal Profile

Date of Birth	:	11/11/1996
Father's Name	:	Mohanakrishnan
Religion	:	Hindu
Languages Known	:	English, Malayalam & Hindi
Blood Group	:	O-ve
Marital Status	:	Single
Nationality	:	Indian

## Career 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.

## Education

### *Masters in Microbiology :*

St. Berchmans Autonomous College , Changanassery,  
Kerala

2019

Grade B

### *Bachelors in Microbiology:*

Sanathana Dharma college ,Alappuzha

2017

Grade B

### *Plus Two*

Govt. Muhammadens Ghss

2014

84%

### *S S L C*

Mary immaculate high school,poomkavu

2012

84%

## Project

1. **ISOLATION, CHARACTERISATION, AND IDENTIFICATION OF PATHOGENIC BACTERIA FROM URINE SUCH AS *Escherichia coli*, *Klebsiella spp*, *Proteus spp*, *pseudomonas spp*, *staphylococcus spp***
2. **ISOLATION OF BACTERIAL PIGMENTS AS STRATEGIES TO CONTROL BIOFILM INFECTION AND IT'S CHARACTERISATION USING FTIR AND NMR SPECTROSCOPY**

## Computer Skills

- Working Knowledge involve MS Word, MS Power Point presentatio

## **Achievements**

- Done 3 months training in Aquastar Marine Exports, Seafood processing plant Thuravoor, Alappuzha.  
During the training period I had undergone training in seafood processing, Quality Control Microbiological analyses & Antibiotic assay (ELISA).
- Attended 3 days training program on seafood HACCP and importing countries requirement organised by Export Inspection Council (EIC) New Delhi & Export Inspection Agency (EIA), Kochi.

## **Personal Strength**

- Strong belief in professionalism, positive attitude and dedication
- Quick adaptability to any environment
- Flexible and responsible
- Capacity to understanding and implementing modern techniques quickly
- Self-motivating and hard working
- Optimistic and sincere

## **Technical Proficiency in Lab**

### ➤ **Microbiology**

Media preparation for bacterial culture, serial dilution method for bacterial culture, pouring, plugging, slant preparation and streaking on plate, sub culturing of microbes, isolation and culturing of microbes from soil, water and air, Biochemical tests for screening of microbes, isolation of antibiotic resistant microbes from soil. Determination of cell size of microbes, various staining methods (Endospore, capsular, fungal staining, gram staining, negative staining etc.) Growth kinetics of microbes, Microbial assay of antibiotics, Various chromatographic techniques, ELISA and immunodiffusion.

### ➤ **Industrial and food microbiology**

Estimation of protein by Biuret and Lowery method, Estimation of carbohydrates by DNS and anthrone reagent method, MBR Test, water quality checking by MPN, Wine production from grape juice in college lab.

### ➤ **Molecular Biology**

Isolation of DNA from microbes . To check the purity of DNA, Agarose gel electrophoresis RNA isolation, SDS PAGE for protein, Amplification of genomic DNA by PCR.

## **Equipments Handled**

- Autoclave
- BOD Incubator
- Shaker Incubator
- Hot air Oven
- Colony Counter
- U V Visible Spectrophotometer
- ELISA Reader
- PCR
- Centrifuge and Ultracentrifuge
- Laminar air flow
- Microscope
- Nitrogen Evaporator
- Laminar Airflow Cabinet
- PH Meter

**Salary Expected** : 15000 - 20000 /-

## **Declaration**

To hereby declare that the above mentioned information's are correct up to my knowledge

Place: Pathirappally

SWETHA M KRISHNAN

Date: 28/01/2020

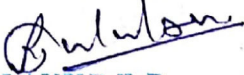
**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Swetha M Krishnan** (M.Sc. Microbiology), D/o Mr.Mohanakrishnan, Kumarisadanam, Pathirappally P.O., Alappuzha(Dist.), Kerala-688521, has successfully completed three months training (05/08/2019 to 05/11/2019) in our seafood processing plant.

During the training period with us she has undergone training in Seafood processing, Quality control, and Microbiological analysis. They are also attended ELISA screening methods. During the period of her training she was found punctual, hardworking and inquisitive.

We wish her all success in her life.

For AQUASTAR MARINE EXPORTS

  
RAJALAKSHMI. P  
QAM

Vallethode

04/12/2019



EIA-KOCHI

No. EIA/KOC/TR/20/2019

## Certificate of Participation

**Swetha M. Krishnan**

has undergone training programme on

**Seafood HACCP and Importing Countries Requirements**

Organized by

EXPORT INSPECTION COUNCIL, NEW DELHI  
(Ministry of Commerce and Industry, Govt. of India)

&

EXPORT INSPECTION AGENCY - KOCHI

At Kochi, India

On 6<sup>th</sup> to 8<sup>th</sup> November 2019

**Jayapalan G.**  
Deputy Director I/c, EIA-Kochi  
Convener