

## RESUME



**AKSHAYA BABU**

### CONTACT INFORMATION

Email ID : [akshayababu1402@gmail.com](mailto:akshayababu1402@gmail.com)

Mobile No. : 9544049433

### Address

Mailadumpara House, Neendapara P O

Neendapara, Kothamangalam, Ernakulam

Pin : 686693

### Personal Profile

Date of Birth : 04/10/1996  
Father's Name : Babu Joseph  
Religion : Christian  
Languages Known : English, Malayalam  
& Hindi  
Blood Group : O+  
Marital Status : Single  
Nationality : Indian

### Passport Details

Passport No. : T6880149  
Date of Issue : 17/07/2019  
Date of Expiry : 16/07/2029  
Place of Issue : Cochin

## 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 A

#### *Bachelors in Botany:*

Nirmala College Muvattupuzha  
2017

Grade B

#### *Plus Two*

Govt. V H S S Neriamangalam  
2013

78%

#### *S S L C*

Govt. V H S S Neriamangalam  
2011

87%

### Project

➤ Production and analysis of Biosurfactants from Heavy Metal Tolerant Bacteria isolated from Tannery effluent.

Merit Biolabs Cochi (3 months)

➤ Phytochemical and Pharmacological analysis of *Cinnamomum zeylanicum*

Nirmala College Muvattupuzha (2 months)

### Computer Skills

- Diploma in Foreign Accountancy
- Basic computer knowledge

## **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

## **Declaration**

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

Place: Kothamangalam

Date: 23/07/2019

**AKSHAYA BABU**