



**Keerthi Varma**

Edathil Kottaram, Kumaranalloor P.O, Perumbaikad,  
Kottayam-686016

Keerthi30199@gmail.com  
8078792026  
30/01/1999

## Objective

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills. Seeking an entry-level position to begin my career in a high-level professional environment.

## Experience

### **Tropical Institute of Ecological Sciences (TIES) - Kottayam**

TIES Research Trainee

Completed 10 days of On The Job Research Trainee Programme as part of Graduation.  
3/03/2023 - 13/03/2023

### **UniBiosys Biotech Research Labs - Kochi**

UniBiosys Research Trainee

Completed one week On The Job Research Trainee Programme related to 'Molecular Detection Of Food Pathogens' as part of Graduation.  
15/03/2021 - 11/03/2021

## Education

### **Indian Academy Degree College Autonomous, Bengluru, Karnataka**

Master of Science in Microbiology - 2021-2023

### **St. Berchmans College, Changanassery, Kottayam**

Bachelor of Science in Industrial Microbiology and Zoology Model III  
( Double Main) - 2018-2021

### **N.S.S Higher Secondary School, Karappuzha, Kottayam**

Higher Secondary-  
2015-2017

### **Mar Dionysius Seminary Higher Secondary School, Kottayam**

Elementary -  
2014-2015

## Skills

Micromolecular Structure & Analysis. Biophysics & Instrumentation. Tissue Culture Techniques.  
Equipment Handling. Research & Reporting.

## Projects

### **MASTER OF SCIENCE IN MICROBIOLOGY, 2023**

BACTERIAL NANOCELLULOSE PRODUCTION FROM LOW-COST SUBSTRATES: SUGARCANE AND PAPAYA JUICE

### **Bachelor of Science in Industrial Microbiology & Zoology Model III- Double Main, 2021**

ANTIFUNGAL ACTIVITY OF MEDICINAL PLANTS (Ocimum sanctum AND Curcuma longa) EXTRACTS  
AGAINST FUNGAL PATHOGENS Candida albicans, Aspergillus sp AND Penicillium sp

## Reference

### **Dr. Malaiyaraan Pandian P. M.Sc., Ph.D. - Professor, DEPARTMENT OF LIFE SCIENCE- MICROBIOLOGY**

INDIAN ACADEMY Degree College-Autonomous  
+91 97409 39756

### **Ms. Neena Krishna - Assistant Professor, Department of Microbiology and Biochemistry**

St. Berchmans College,Changanassery  
+91 88489 43787

## Interests

Food Product Development. Food Microbiology and Biotechnology. Molecular genetics. Laboratory equipment management skills.

## Language

English Hindi

**HANDS ON TRAINING CERTIFICATE** For attending "VALUE ADDED COURSE CUM HANDS ON TRAINING ON BASICS OF CELL CULTURE, CYTOTOXICITY ASSAY AND FLOW CYTOMETRY"

22 June 2023 to 28 June 2023

Stellixir Biotech Pvt. Ltd.

**HANDS ON TRAINING CERTIFICATE** For attending "Basics of Mammalian Cell Culture and Cytotoxicity Studies by MTT Assay, Flow cytometry (Annexin V/PI Staining)"

22 June 2023 to 24 June 2023

Stellixir Biotech Pvt. Ltd.

**Nandi Valley WINERY** one day workshop on Wine Preparation And Tasting held on 17th August 2023 organised by the Department of Life Science - Microbiology, IADC-A in collaboration with Nandi Valley Winery Pvt. Ltd.

**PARTICIPATION CERTIFICATE** in Bacterial Nanocellulose production using low cost. IDEATION CHALLENGE, organized by IPR Cell, IADCA, under DBT STAR College Scheme and in association with Karnataka State Council for In SHRISTI 2023, Science and Technology, on 11th July 2023.