

# NAYANA SUDISH

KIZHAKKE KANICHILAZHATH

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## Objective

As a highly motivated microbiology enthusiast, my objective is to secure a challenging and fulfilling position as a Microbiologist within a dynamic organization. I am eager to apply the theoretical knowledge and laboratory skills gained during my academic journey to contribute effectively to research, analysis, and innovation in the field of microbiology. With a strong foundation in microbial techniques and a passion for understanding the intricacies of microorganisms, I am committed to becoming a valuable asset to the team and to furthering the organization's mission in advancing scientific knowledge and promoting public health. Through dedication, adaptability, and a thirst for learning, I am excited to embark on a journey of professional growth while making meaningful contributions to the advancement of microbiological sciences.

## Publication

### ▪ 2018

“Mass spectrometry-assisted venom profiling of *Hypnale hypnale* found in the Western Ghats of India incorporating de novo sequencing approaches”- **International Journal of Biological Macromolecules**

## Research Experiences

- 2018- **MSc project work**- Homology Assisted Proteomic Characterization of *Hypnale hypnale* - Amrita Agilent Analytical Research Center, School of Biotechnology, Amrita Vishwa Vidyapeetham, Amritapuri
- 2017- **BIOCREST** - International Symposium for Microbial Pathogenesis
- 2016- **BSc project work** - “Effect of Chemical Preservatives in enhancing the vase life of *Gerbera* flower”- St. Xavier’s College for Women, Aluva

- 2015- **Academics Lecture workshop** on Frontiers in Nano science and Technology -  
St. Xavier's College for Women, Aluva

## Education

Amrita School of Biotechnology, Kollam- <b>MSc. Microbiology</b> GPA- 7.49	2016- 2018
St Xaveir's College for Women, Aluva <b>BSc. Botany</b> GPA- 8.45	2013- 2016
St Xavier's College for Women, Aluva <b>Diploma in Computer Application</b> GRADE A	2013-2016
Government Girls Higher Secondary School, North Paravur - <b>12th</b> 86%	2011- 2013
Holy India Foundation School, North Paravur – <b>10th</b> GPA- 9.6	2010-2011

## Areas of interest

- Microbial Interactions and diversity
- Phycology
- Mycology
- Food and Medical Microbiology

## Major Skills

- Isolation and characterization of microbes from various samples (food and soil)
- Biochemical characterization of microorganisms.
- Staining techniques
- Hands on experience in techniques like Agarose gel electrophoresis, SDS PAGE, In-gel digestion.

## References

### **Dr. Bipin Nair,**

Professor and Dean

School of Biotechnology,

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### **Dr. Sudarslal S**

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