

Cilla Mary Mathew

Vayalattu House Kavalam p.o Kavalam Alappuzha

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Objective

To leverage my academic background in biotechnology, coupled with my hands on experience in laboratory techniques and data analysis, to contribute effectively to biotech research and development projects. Seeking opportunities to apply my skills in molecular biology, genetic analysis, microbial, bioinformatics towards innovative solutions that address pressing challenging in healthcare, agriculture and environmental sustainability. Passionate about advancing impact through collaboration and continuous learning within the biotechnology industry.

Experience

- **Mahatma Gandhi** 04 / 2023 - 06/2023
Project work
- **Sreedhareeyam farmherbs India** Nove /2023 - Jan/2024
Research development

Education

- **Sree sankara college kalady** 2021
Bsc biotechnology
6.96
- **St Mary's higher secondary school**
Plus two
74 percentage
- **Mg university** 2021 - 2023
Msc biotechnology
B
- **Teresa spinelli public school** 2016
10th
88

Skills

- PCR HPLC Atomic absorption spectrometry UV spectrometry Chemical and Microbiology aspects in the quality control Microbial Limit Testing (MLT) Environmental Monitoring techniques Physico - chemical and Volumetric analysis of various Ayurvedic products , food and Agricultural products. Development of new herbal formulations DNA Isolation

Projects

- **Isolation and characteristics of cellulolytic bacteria from termite gut and it's application in biotechnology production**
Cellulolytic bacteria where isolated from termite gut and its biochemical test where done , protein estimate , and it's DNA where isolated and bioethanol production where also done.
- **Comparative shelflife assessment of bacillus species based bioformulation and evaluation of insecticidal activity against Aleurotrachelus Trachoides and Disonycha Xanthomeles**
Bacterial shelf life assessment was done by using two different carriers like biochar and talc . Biochemical test where also done like indole test, cellulose test , starch test , antimicrobial test and DNA isolation and bacteria

where test against two different insects. In that test Aleurotrachelus Trachoides shows effect against pest .

Reference

- **Sunil - Sreedhareeyam farmherbs India**
Product development