



MERRIN JOHN

An enthusiastic fresher seeking a progressive career who is keen to explore and learn from diverse areas of research and technologies to gain future experiences and challenges

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📍 Angamaly, India

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EDUCATION

Master of Technology in Molecular Medicine (2021 - 2023)

Amrita School of Nanoscience and Molecular Medicine - Amrita Vishwa Vidyapeetham
CGPA - 9.17

Bachelor of Technology in Biotechnology (2017 - 2021)

Sahrdya College of Engineering and Technology - APJ Abdul Kalam Technological University
CGPA - 9.0

Higher Secondary Education (2017)

Naipunnya Public School, Angamaly - CBSE
Percentage: 82.6

High School (2015)

Naipunnya Public School, Angamaly - CBSE
CGPA - 9.4

INTERNSHIPS

Plant Design and Process Study

FACT, Udyogamandal, Kerala

Startup Biotechnology Bootcamp

KRIBS-BIONEST, Ernakulam, Kerala

Proficiency Course on Molecular Biology

Unibiosys Biotech Research Labs, Kalamassery, Kerala

ACHIEVEMENTS & AWARDS

- Best Project Awards for MICROME: An Alternate Source of Energy (2019) and CaRBoKem : An Innovative Bio filter to Treat Industrial Water Effluents (2018)
- Presented paper on Nanosponges : A Novel Emerging Drug Delivery System for International Virtual Conference on Recent Innovations in Science and Technology (RIST2021)
- Presented poster on Alpha Therapy : The Future of Nuclear Medicine during AICTE sponsored National Conference on Molecular Tools & Disease Diagnosis

LANGUAGES

English

Malayalam

Hindi

SKILLS

Scientific writing

Conducting scientific research

Cell culture techniques

Polymer synthesis and characterization (FTIR, Rheology, UV-Vis)

Molecular biology (RNA extraction, Gel electrophoresis)

Software : ImageJ, GraphPad Prism, Origin, Adobe Photoshop, ChemDraw, BLAST, Microsoft office

Excellent written and verbal communication skill

Mentored undergraduate students

PROJECTS

Biomimetic And Viscoelastic Microbead Embedded Gellan Gum Hydrogel For Vocal Fold Regeneration (06/2022 - 07/2023)

The project aims to develop an injectable ECM mimicking Gellan Gum hydrogel embedded with sodium alginate-gelatin microbeads for vocal fold regeneration

Surface Modified CNCs for Food Packaging (09/2020 - 05/2021)

The project involves the development of a food packaging material using surface-modified cellulose nanocrystals

MICROME: An Alternate Source of Energy (08/2019 - 12/2019)

The project deals with electricity generation from food and wastewater wastes by the action of various microorganisms

NAP : Nano-Composite Polymer (01/2019 - 04/2019)

The project deals with developing sustainable nano polymer composites made from lignin and study of its application in medical areas

CaRBoKem: An Innovative Bio filter to Treat Industrial Water Effluents (08/2018 - 12/2018)

The project focuses on developing a bio filter to remove the heavy metals from industrial wastewater

DECLARATION

I hereby declare that all the information furnished in this document is true to my knowledge and belief