



## ANN MARIYA SHAJU

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**Gender:** Female **Date of birth:** 27/10/2000 **Nationality:** Indian

### ABOUT ME

A diligent and determined Botany graduate with a great passion for life science studies. Looking forward to making the best out my potential to contribute to the institution's growth and biological systems.

### WORK EXPERIENCE

[ 04/2022 – Current ]

#### LAB TRAINEE

**City:** ERNAKULAM

**Country:** India

### EDUCATION AND TRAINING

[ 2019 – 2022 ]

#### BSc. Botany

**SACRED HEART COLLEGE** <https://www.shcollege.ac.in/>

**City:** ERNAKULAM

**Country:** India

**Final grade:** CGPA- 8.4/10

**Number of credits:** TOTAL CREDITS- 120

**Thesis:** VALUE ADDED PRODUCTS FROM POMEGRANATE

[ 2017 – 2018 ]

#### TWELTH

**CHAVARA DARSAN CMI PUBLIC SCHOOL**

**City:** ERNAKULAM

**Country:** India

**Field(s) of study:** BIOMATHS

**Final grade:** 77.6%

[ 2015 – 2016 ]

#### TENTH

**CHAVARA DARSAN CMI PUBLIC SCHOOL**

**City:** ERNAKULAM

**Country:** India

**Final grade:** CGPA- 10/10

### LANGUAGE SKILLS

**Mother tongue(s):** MALAYALAM

**Other language(s):** Hindi

## ENGLISH

LISTENING C2 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION B2

## German

LISTENING A2 READING A2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## HONOURS AND AWARDS

[ 2016 ] **MLA award for best performance in class tenth CBSE examination**

## PROJECTS

### VALUE ADDED PRODUCTS FROM POMEGRANATE

I have done a project on the topic: "Value-added products from Pomegranate (*Punica granatum* L.)" during my final year of college. The main aim is to study the basic principles of fruit processing and to produce value-added products from fruits of *Punica granatum* L., we also conducted a survey using a scorecard to evaluate the demand and suggestions for various products among the local community. The study also helped us to familiarize with scientific writing.

### MOLECULAR CHARACTERISATION OF BACTERIOPHAGES ISOLATED FROM AQUACULTURE ENVIRONMENT FISH PATHOGENS

I have done an internship on the topic: "Molecular Characterisation of bacteriophages isolated aquaculture environment fish pathogens" at PVT MERIT BIOLABS. As part of this internship, water sample and decayed fish sample was collected. The isolation and identification of organism was carried out. The isolated bacterial cultures were characterized morphologically and was identified as *Vibrio cholerae*. Then the molecular identification and isolation of bacteriophage was done.

[ 02/11/2022 – 18/11/2022 ] **MICROBIOLOGICAL ANALYSIS OF COCONUT PRODUCTS**

I have done an training course on "Microbiological Analysis of Coconut Products ( IS/ USFDA-BAM )" at Microbiology Lab of CDB Institute of Technology under Coconut Development Board, Ministry of Agriculture, Govt. of India.

[ 16/03/2023 – 16/05/2023 ]

### IDENTIFICATION OF POTENTIAL INHIBITORS OF BLOOD CANCER: A MOLECULAR DOCKING STUDY

I have completed a two month online training program in "Computer Aided Drug Designing (CADD)" and has done an research project on topic: "Identification of potential inhibitors of Blood Cancer: a molecular docking study" at UniBiosys Biotech Research Labs. For this internship, a target molecule for docking studies on Blood cancer was selected. The identification of active site residue of the target, Screening and selection of ligands were carried out. Docking of the target with selected ligands and the lead molecules were found. At last ADME toxicity studies of the selected molecules were done.

## VOLUNTEERING

[ 2019 – 2022 ] **Member of Age-Friendly Club** SACRED HEART COLLEGE

I was a member of the Age-Friendly Club of our college. It is a platform to help senior citizens to live independently using technology and enhance their mental health by engaging in continuing education.

## COMMUNICATION AND INTERPERSONAL SKILLS

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### **Active listening**

I would describe myself as an active listener, and is capable of responding, reflecting and giving feedbacks.

### **Team work**

An effective team player, who understands how the choices impact the overall functioning of a team and is ready to take on new challenges to support my peers.

### **Problem-Solving skills**

Ready to work towards fixing an issue and learn different insights from these situations.

## HOBBIES AND INTERESTS

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### **Gardening**

### **Playing Basketball**

I was part of school Basketball team.