



## SANDRA SAJAN

📍 **Home** : Njaralloor, Kizhakambalam p.o Kerala, Poikunnel (H), Green Drops Villas, 683562, Ernakulam, India

✉ **Email**: [sandrasajan2013@gmail.com](mailto:sandrasajan2013@gmail.com) 📞 **Phone**: (+91) 8921806453

**Date of birth**: 10/04/2001 **Nationality**: Indian

### EDUCATION AND TRAINING

[ 14/06/2019 – 30/03/2022 ]

#### **Bachelor of Science in Microbiology -Cumulative GPA: 8.93 / 10.00 ( 5th University Rank )**

**SNGIST ARTS & SCIENCE COLLEGE- MAHATMA GANDHI UNIVERSITY** <https://sngistasc.org>

**Address**: MANAKKAADY, KARUMALLUR P.O, N.PARAVUR, 683511, KERALA, India

- Honors: Awarded with 5th rank in the undergraduate course.
- Relevant Coursework: Core course Microbiology, Complementary courses Biotechnology and Biochemistry, Common course English and Open course English for careers.

[ 05/2019 – 07/2022 ]

#### **12th -89%-Central Board of Secondary Education (Higher Secondary)**

**ASSISI VIDYANIKETAN PUBLIC SCHOOL** <https://assisi.ac.in>

**Address**: Attipetti Nagar Road Chembumukku, Kakkanad, 682021, Kerala , India

- Honors: Excellence in National Science Olympiad and International Mathematics Olympiad..
- Relevant Coursework: Biology and Mathematics as core subjects along with Physics, Chemistry and English.

[ 2017 ]

#### **10th -10/10**

**ASSISI VIDYANIKETAN PUBLIC SCHOOL** <https://assisi.ac.in>

**Address**: Attipetti Nagar Road Chembumukku, Kakkanad, 682021 , Kerala, India

### PROJECTS

[ 04/01/2022 – 04/02/2022 ]

#### **Project and Research Experience**

RAJIV GANDHI INSTITUTION OF BIOTECHNOLOGY KERALA, INDIA

Final Semester Project Work: Topic- "Detection of ESBL producing Organisms."

- Isolation of different organisms from urine samples, production of pure cultures, identification of

the organisms, performance of major tests: Double Disk Synergy Test and Modified Hodge Test.

- After successful isolation and performance of the major tests, three out of four organisms were

found to be ESBL positive.

[ 13/06/2022 – 13/07/2022 ]

#### **Internship and Training**

SUNRISE HOSPITAL KOCHI,INDIA

Internship in the microbiology laboratory.

- Performed different tasks in sample collection and staining department. Conducted card test, Widal test, ELISA tests and many more in the serology department.
- Carried out culturing of microbes, biochemical tests for identification of organisms, antimicrobial sensitivity test along with vitek microbiology and so on, in the bacteriological department.

[ 28/09/2022 – 29/09/2022 ] **Project Publication**

INTERNATIONAL CONFERENCE

Presentation of project thesis in the international conference on “Innovation in Biological Science.”

- Presented the final semester project topic “Detection of Extended Spectrum Beta-Lactamase Producing Organisms” in front of a wide audience and board members.
- The presentation went through the main topic, major objective of the project, the final result of the work and concluded with the future perspective of the process.

[ 01/08/2023 – 30/10/2023 ] **Online Course**

Online course on ‘Introduction to cell biology’

Cleared the examination conducted by IISER, Pune through NPTEL government of India platform.

- Was able to acquire more wide knowledge in cell biology, genetics and molecular biology and ranked in the top 1% with 90% mark.

[ 01/12/2023 – Current ] **Online Course**

Online course on ‘Basic course in Biomedical Science’

Studying the course conducted by ICMR through NPTEL government of India platform.

- Acquiring knowledge in health science, Research, clinical studies and epidemiological studies.

**WORK EXPERIENCE**

[ 01/11/2023 – Current ]

**Trainee**

**SAVITR BIOSCIENCE PVT. LTD**

**City:** Kochi

**Country:** India

Training in the microbiology and molecular biology laboratory.

- Currently performing an intensive training focusing on various fields of microbiology especially medical. Moreover, undergoing practice in molecular biology techniques such as PCR and Electrophoresis and covering the fields of cell biology as well.

[ 22/01/2023 – Current ]

**Senior Teacher**

**ANGLOVERSE IELTS CENTRE**

**City:** Ernakulam

**Country:** India

Working as the IDP certified senior IELTS trainer/ teacher at Angloverse IELTS Centre for the past one year.

[ 01/01/2019 – Current ]

### **Yoga Trainer**

#### ***YASHA LIVING Pvt Ltd***

**City:** Ernakulam

**Country:** India

Working as a yoga trainer in Yasha Living firm for the past 5 years.

[ 05/09/2022 – Current ]

### **Volunteer**

#### ***UNITED NATION VOLUNTEERS PROGRAMME***

**Country:** India

Have been engaging in tasks provided by different leading charity firms around the world under the UN especially in health relation subjects.

[ 14/07/2022 – Current ]

### **Student**

#### ***TRANSCITI SOLUTIONS***

**City:** Ernakulam

**Country:** India

Completing a part-time course in medical transcription that awards an international certificate as a medical transcriptionist.

[ 01/09/2022 – 01/12/2022 ]

### **Volunteer**

#### ***AASHMAN FOUNDATION***

**City:** Haryana

**Country:** India

Completed working as a content writer in an NGO foundation mainly focusing on the topic of health and empowerment of widows and children.

## **LANGUAGE SKILLS**

---

**Mother tongue(s):** Malayalam

**Other language(s):** English, Hindi

## **HOBBIES AND INTERESTS**

---

### **Interests**

- ◆ Indian Classical dancer specialized in Bharatanatyam and Mohiniyattam
- ◆ Essay writing and versification.

## **IELTS SCORE**

---

**Listening 8.5, Reading 7.5, Writing 6.5, Speaking 7.0- Overall Band Score 7.5  
CEFR Level C1**

## **TECHNICAL SKILLS**

---

### **Laboratory**

Leading an experiment, culturing and maintenance of a laboratory, use of vitek Microbiology, operating various molecular biology techniques.

### **Technical**

Word processing, Spreadsheets, Digital Presentations.

---