

Smitha Sandrina

OBJECTIVE: To gain hands-on experience and contribute to innovative projects in Microbiology, Biochemistry, Genetics, and Molecular and Cellular Biology. Passionate about learning new techniques and expanding my knowledge, I aim to apply my skills in a dynamic environment while preparing for a master's degree in Life Sciences.



smithasandrina7@gmail.com

DOB: 23/12/2002

EXPERIENCE

Rashi Diagnostics Laboratory, Bengaluru—

Intern

January 2024

Equipped myself with various clinical laboratory techniques and theoretical concepts based on medical microbiology, serology etc.

Connect-Ed Overseas, Bengaluru —

Intern: Content Writer

February 2024 – Present

Created and edited SOPs that successfully helped students gain admission to reputable universities abroad, efficiently managing tasks and maintaining strict confidentiality of proprietary information.

Medivirt, Bengaluru —

Intern: Growth Manager

May 2023 – Present

Facilitated communication and onboarding of doctors to advise healthcare companies, contributing to medical research projects and the development of research protocols and documentation.

EDUCATION

Kristu Jayanti College, Autonomous, Bengaluru— B. Sc Microbiology, Biochemistry and Genetics.

September 2020 - July 2023

Graduated with a distinction of 90.4%

St. Joseph's Indian Composite Pre-University College, Bengaluru— 12th STD (Department of pre-university education)

June 2018 - June 2020

Distinction with 86% in Physics, Chemistry, Biology and Math combination.

Seventh Day Adventist Higher Secondary School and Composite PU college, Bengaluru— 10th STD (ICSE)

February 2018

Passed with first class of 84.3%

SKILLS

Personal Strengths:

Dedicated, Honest, Punctual, Creative, Good adaptability, attention to detail, Good communication skills (both writing and verbal).

Computer Proficiency:

Microsoft office, Power point, Word and Excel.

Certification courses:

- 1.Immunology (NPTEL)
- 2.Bioreactors(NPTEL)
3. Amazon Web Services Certified Cloud Practitioner.
4. AI Python Programming.
5. AI Tools Workshop.

Leadership role:

Student secretary (School vice captain in Seventh Day Adventist school).

General Secretary of the Women's Empowerment cell in Kristu Jayanti college, (for which I've conducted various programs such as self defense awareness and skill development programmes)

Active Participation:

1. Participated in inter school, intra school and intra-collegiate competition.
2. Master of Ceremony for an intra-collegiate fest in Kristu Jayanti college, Connoisseur 2022.
3. Master of Ceremony for international online expert lecture on 'Viral Genetic Medicine: Genesis and Progress' organized by the Department of Life Sciences, Kristu Jayanti College, Autonomous under the aegis of the DBT star college

PROJECTS

"Study of role of specific organic spices in exterminating microbes and their ability to colonize organic media" — Research article presentation in BioGrad Conclave '23 at Kristu Jayanti College, Autonomous.

Conducted simple experimental study on the antibacterial potency of combination of extracts of several spices and preparation of culture media from kitchen wastes.

MINI PROJECTS

Analysis and Modeling of Cas9 Protein from an Uncultured Organism - Individual project report

Conducted a comprehensive analysis of the Cas9 protein sequence from an uncultured organism using bioinformatics tools. Created a detailed 3D structural model with SWISS-MODEL and identified unique structural elements by comparing this variant with known Cas9 proteins.

Data Analysis using Python - Certification project

Developed and implemented Python scripts to process and analyze biological data, creating visualizations to effectively interpret and present key findings.

PERSONAL DETAILS

Father's Name: Giridhar S.K.

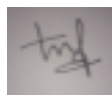
Marital Status: Single

Area of Interest: Life Sciences, Research.

Nationality: Indian

DECLARATION

I, Smitha Sandrina, certify that to the best of knowledge and belief, these data correctly describe my qualifications, my experience, and me.



Signature
Smitha
Sandrina

AWARDS AND ACHIEVEMENTS:

1. Runners-up in district and taluk level handball tournaments.

2. Merit prize recipient in school.

3. Elite+Silver medal in Immunology (NPTEL).

4. 2nd place for review article on yogurt's effects on gut microbiome at Connoisseur 2022.

5. 3rd place in Cancer poster competition at Connoisseur 2022.

6. Best outgoing student, 2023, Department of Life Sciences.

7. UG Proficiency award- First rank-holder, B.Sc. Microbiology, Biochemistry, and Genetics.

LANGUAGES

1. English- Proficient in speaking, writing and reading

2. Kannada- Proficient in writing and reading

3. Tamil- Proficient in speaking.

4. Telugu- Beginner.

5. Hindi- Beginner.