

CONTACT

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PROFESSIONAL SUMMARY

- A dedicated, detail-oriented microbiology graduate with a strong foundation in microbiological techniques, laboratory practices, and data analysis. Possesses hands-on experience in Clinical laboratory samples and quality control techniques, Microbial culture, Colony counting and identification of Microorganisms, and Molecular techniques gained through academic projects and internships. Demonstrating excellent problem-solving skills, attention to detail, and the ability to work effectively in a team-oriented environment. Committed to contributing to research and development in microbiology, with a focus on ensuring quality and safety in various industries.

OBJECTIVE

Seeking a position as a Microbiology to apply my skills in microbial analysis, Quality control and laboratory techniques, contributing to efficient lab operations and accurate research results.

EDUCATION

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|-----------|---|
| 2022-2024 | <ul style="list-style-type: none"><li>• <b>THE AMERICAN COLLEGE</b><br/>M.Sc MICROBIOLOGY<br/>73%</li></ul>                         |
| 2019-2022 | <ul style="list-style-type: none"><li>• <b>AMBIGA COLLEGE OF ARTS AND SCIENCE FOR WOMEN</b><br/>B.Sc MICROBIOLOGY<br/>72%</li></ul> |

EXPERIENCE

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|----------------------------|---|
| 26/12/2022 -<br>31/01/2023 | <ul style="list-style-type: none"><li>• <b>INTERNSHIP</b><br/>BOSE CLINICAL LABORATORY AND X-RAYS<ul style="list-style-type: none"><li>◦ Gained skills in phlebotomy, hematology, biochemistry, and histopathology.</li><li>◦ Assisted in sample collection, analysis, and reporting within a clinical laboratory setting.</li><li>◦ Gained skills in maintaining laboratory safety protocols and operating laboratory equipment.</li></ul></li></ul> |
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SKILLS

- Aseptic Techniques
- Microbiology testing & Laboratory techniques
- Sample Collection & Analysis
- Quality control and assurance
- Contamination identification

TECHNICAL COMPETENCY

- **MICROBIOLOGICAL TECHNIQUES:**
  - Microbial Testing and Identification
  - Sterilization and Disinfection
  - Identification of Microorganisms
  - Antibiotic Susceptibility Testing
- **MOLECULAR BIOLOGY TECHNIQUES:**

- Proficient in PCR
- Gel Electrophoresis
- DNA/RNA Extraction
- **IMMUNOLOGY TECHNIQUES:**
  - Agglutination Test
  - Tridot Assay
  - Syphilis Test

## CORE SKILLS

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- **ANALYTICAL SKILLS :**
  - Data analysis & Interpretation
  - Troubleshooting & Deviation reporting
  - Problem solving & Critical thinking
  - Ethical and moral standards
- **SOFT SKILLS :**
  - Communication & Teamwork
  - Attention to detail & Time management
  - Adaptability & Reliability

## PROJECTS

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- **INVESTIGATION OF PHYTOCHEMICALS, THERAPEUTIC ATTRIBUTES AND GREEN SYNTHESIS OF AgNp OF SENNA AURICULATA**  
 Performed a study on the phytochemical components and therapeutic properties of Senna auriculata leaf extracts. Evaluated in-vitro antibacterial, antioxidant, anti-inflammatory, anti-cancer activities, wound healing, and UV protection properties using aqueous and methanol extracts.

## PROFESSIONAL DEVELOPMENT

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- Certificate of Participation, CME on "**Molecular Immunology**"  
 School of Biotechnology in association with the Indian Immunology Society

## CERTIFICATIONS

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- Attended a workshop on mushroom cultivation technology.(2021)
- Completed practical training in drug discovery techniques.(2022)
- Participated in a workshop on In Vitro cytotoxicity assays.(2022)
- Attended the National Workshop on Bioproduct Development & IPR.(2022)
- Participated in an online workshop on the microbiome-gut-brain axis.(2023)

## ACTIVITIES

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- Free medical camp volunteer, Enadhi Village/ April 10 2022
- Conducted over 80 blood group typings and assisted in blood pressure and sugar testing.
- Assisted in patient intake and the collection of medical histories.
- Educated 100+ community members on health and hygiene practices.
- Supported the setup and dismantling of medical stations and equipment.

## LANGUAGES

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- "Tamil - Fluent in Speaking,Reading,Writing"
- "English - Fluent in Speaking,Reading, writing"
- "Hindi - Basic in Speaking, Reading, Writing"

