

SAHANA .G

Student -Biotechnology

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Chengalpet

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PROFILE

A passionate and detail-oriented Biotechnology student with a strong foundation in molecular biology, genetics, and bioprocess technology. Possess hands-on experience with laboratory techniques such as gel electrophoresis, and microbial culture through academic projects and internships. Eager to contribute to the development of innovative biotechnological solutions in healthcare, food, pharma etc. Strong analytical, problem-solving, and teamwork skills, combined with a dedication to continuous learning and professional growth.

EDUCATION

- **Karpaga vinayaga college of engineering and technology**

Bachelor's Degree in Biotechnology (2021-2025)

CGPA-8.8

- **HSC-(2020-2021)**

Sri bharathi vidhyashvaram Matric.hr.sec school

Percent-91%

- **SSLC-(2018-2019)**

Sri bharathi vidhyashvaram matric.Hr.sec school

Percent-90%

TECHNICAL SKILLS

- Laboratory technique-Gel electrophoresis, microscopy, cell culture technique
- Molecular biology techniques -agarose gel preparation, isolation, southern blotting
- microbiological techniques -media preparation, dilution staining, sterilization
- Analytical skills
- Animal handling
- Immunogenetics

SOFT SKILLS

- Strong organizational and time-management skills
- Exceptional communication and interpersonal skills
- Ability to work independently and as part of a team
- Detail-oriented and able to handle multiple tasks simultaneously

AREA OF INTEREST

- Biotechnology in health care
- Molecular genetics
- Microbiology
- Bioinformatics
- Immunology
- Cell culture techniques

INTERNSHIPS

- Completed intern with certificate in **MEDOPHARM PVT.LTD.**
(4/11/2022-9/11/2022)
Strengthened ability to work in cross-functional teams across production, and quality control departments.
- Served as an intern in **ASIAN BEVERAGES PVT.LTD.**
(03/07/2023-19/07/2023)
Gained hands-on experience with fermentation technology and microbial culture optimization for beverage production.
- Completed internship in **LIFE CELL INTERNATIONAL PVT.LTD.**
(20/05/2024-31/05/2024)
Training acquired knowledge on MOLECULAR GENETICS, HISTOPATHOLOGY, STEM CELL STORAGE, CRYOPRESERVATION, PRENATAL SCREENING AND NEW BORN SCREENING, SEROLOGY, HAEMATOLOGY, SRT in life cell international pvt.ltd.

CONFERENCE AND SEMINARS

- Certificate(winner) in national conference for **POSTER PRESENTATION** On **BIOTECHNOLOGY BASED FOOD PROCESSING .**
- Certificate in state level technical symposium for **PAPER PRESENTATION - ALCOHOL DETECTION WITH VEHICLE CONTROLLER SYSTEM.**
- National conference on occupational health and workers .
- National seminar on green energy and its sustainable approach from waste biomass .

WORKSHOP

- Instrumentation handling in DST FIST instrumentation centre
 - Mass spectrometer.
 - Flow cytometer.
 - Pipette tips
 - Light compound microscope
 - PCR
 - UV spectrometer.
 - ELISA
 - Nephelometer

PROJECT PROPOSAL

TNSCST-PROJECT PROPOSAL :

- Synthesis and fabrication of shrimp derived chitosan - Moringa olifera nanocomposite biobandage films with enhanced antimicrobial and wound healing properties.

REFERENCE

Dr.v.karthikeyan -"Karpaga vinayaga college of engineering and technology "
professor and head department of biotechnology- Karthimicro2006@gmail.com +91 9865224289

DECLARATION

I hereby declare that. the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.