

SANJAI D

Biotechnologist

• sanjaisekar25@gmail.com • 6385296978 • Cuddalore, Tamilnadu

Professional Summary

Enthusiastic Biotechnology graduate with hands-on experience in microbial fermentation, biofertilizer formulation, and molecular biology techniques. Eager to apply scientific knowledge in research or industrial applications.

Skills

Technical skills

Biofertilizer formulation
Microbial culture techniques
DNA isolation and purification
SOP & GMP compliance

Polymerase Chain Reaction (PCR)
Exposure to fermenter operations
Gel electrophoresis
Vacuum sealing machine operation

Soft skills

Good communication
Time management
Adaptable and resilient
Attentive listener

Experience

Trainee production (2 months) - Life Cell International Pvt. Ltd

Chennai

- Worked in clean room operations, adhering to GMP and SOP guidelines. (21/07/2025 – 28/09/2025)
- Hands-on experience in placental tissue handling and vacuum sealing.
- Practiced aseptic techniques under bio safety cabinet.
- Maintained sterility protocols, clean room entry/exit, and documentation compliance.

In-Plant Training - ELIES Biotech Pvt. Ltd.

Erode

(26/12/2022 – 03/01/2023)

- Gained hands-on experience in biofertilizer production, including culture preparation, carrier mixing, and packaging.
- Trained in mushroom spawn production, including substrate preparation, sterilization, inoculation, and incubation.

Internship - VIDAI Labs.

Coimbatore

(17/05/2023 – 03/06/2023)

- Performed DNA isolation, PCR, and gel electrophoresis for genetic analysis.
- Applied molecular methods to determine bird gender using DNA extracted from feathers.
- Gained practical experience in veterinary molecular diagnostics and lab safety practices.

Education

B.tech in Biotechnology

KIT – Kalaigarkaranidhi Institute of Technology - 2025, CGPA: 8.06
Coimbatore

HSC

Sri Swamy Matriculation Higher Secondary School - 2021, Grade: 82%
Namakkal

SSLC

Sri Swamy Matriculation Higher Secondary School - 2019, Grade: 89%
Namakkal

Academic project

- Formulated a phosphorus solubilizing biofertilizer using *Enterobacter hormaechei* isolated from the rhizosphere. The objective was to enhance plant growth and soil fertility.
- Performed biosorption of chromium from waste water using fungal biomass to study its potential in heavy metal remediation.

Company exposures

- Fermentation processing and biofertilizer production at Green Life Biotech, Coimbatore (25/11/2024 - 27/11/2024)
- Clinical trial process at Spinos Life Science, Thudiyalur - 31/07/2023
- Pharma product detailing and Doctor interaction at Nvron Life Science, Coimbatore -12/06/2025

Certifications & Co-Curricular Activities

- Completed certification on Industrial Biotechnology and Algae Biotechnology, Coursera - 25/04/2024.
- Presented paper in National Conference on Prospects of Biotechnology in Agriculture, KIT Institute-30/01/2024.
- Presented in International Conference on Emerging Trends in Life Science at Kamaraj College, Thoothukudi - 24/02/ 2025.
- Completed NPTEL course: Genetic Engineering -Theory and Application.

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Sanjai D