

JEEVANKUMAR D M

+91 99653-38408

jeevankumarmanikandan@gmail.com

[linkedin.com/in/jeevankumar-d-m-02193a26a](https://www.linkedin.com/in/jeevankumar-d-m-02193a26a)

Career Objective

An enthusiastic person seeking to pursue a challenging career in a reputed organization to develop my skills and knowledge along with the development of the organization and passionate about contributing to innovative research and advancing the field of biotechnology.

Educational Qualifications

Institution	Course	Year of Passing	Percentage
VSB Engineering College, Karur	B. Tech (Biotechnology)	2024	90
RGR Matric Hr. Sec. School, Namakkal	HSC	2020	77
RGR Matric Hr. Sec. School, Namakkal	SSLC	2018	96

Work Experience

- I have worked as a **Production Trainee** in Upstream Processing at **Biovet Pvt Ltd, Bangalore** from July 2024 to November 2024.
- Currently working as a **Project Associate** at **CSIR-NIIST, Trivandrum** in Microbial Process and Technology Division in the topic of **Prebiotic Production (Enzyme production)**.

Hands on Experience

- Proficient in **High Performance Liquid Chromatography** operation.
- Experienced in **Gas Chromatography** technique.
- Knowledge in **Gas Chromatography Mass Spectroscopy** operation.
- Handling of **Membrane filtration Bioreactor** and **Fermenter** from small scale to large scale (SCADA).
- Experienced in **Extraction** and **Purification of Enzymes**.
- Attended **Enzymology** Training at ILTS Academy, Lucknow.
- Attended **NMR** Training at CSIR-NIIST, Trivandrum.

Technical Skills

Microbiology Techniques

Basic Microbiology Techniques, Antimicrobial activity – Agar well diffusion, MIC, Staining Techniques and Culture Media.

Molecular Biology Techniques

ELISA, PCR, Gradient PCR, Gel Electrophoresis, Plasmid DNA isolation, cDNA synthesis, Isolation and quantification of DNA and RNA and SDS PAGE.

Certifications

- NPTEL Certification in the topics of **Human Molecular Genetics, Nanotechnology in Agriculture and Industrial Biotechnology**.

Internships

- Hands-on training in “**Plant Tissue Culture**” at Botzix Biotech of K.S.R College of Engineering, Tiruchengode.

Paper Presentation

- Participated Paper presentation in **DISS FEST 2024** at the Department of Pharmaceutical Technology, UCE, BIT Campus, Anna University, Trichy.

Projects

- Participated in Smart India Hackathon (2021) & Submitted project idea in the topic of “**Disposal/Recycle of COVID-19 related items such as Face covers & Masks into Biofertilizer**”.
- Participated in Onion Grand Challenge (2022) & Submitted project idea in the topic of “**Bioconversion of Waste Onion into Ethanol and Health Drink**”.
- Participated in Smart India Hackathon (2023) & Submitted project idea in the topic of “**Uncontrolled Growth of Water hyacinth into Water Hyacinth Filter Membrane**”.
- “**Unlocking the Potential of *Ficus benghalensis* Root and *Alkanna tinctoria* Bark in Natural Hair Care**” (project proposal submitted to Tamil Nadu State Council for Science and Technology, 2023).

Dissertation

- I have done my final year dissertation at **Veterinary College and Research Institute, Namakkal** in the field of **Veterinary Microbiology** in the topic of “**Antimicrobial Resistance**”.

Personal Details

Father's Name : Manikandan R
Date of Birth : 01-March-2003
Gender : Male
Nationality : Indian
Hobbies : Playing kabaddi, Farming and Listening music
Languages known : Tamil, English and Telugu
Address : 6/120, Nerunjikadu colony, Kannurpatty,
Namakkal, Tamil Nadu – 637014

I hereby declare that all the information furnished above are true to the best of my knowledge and belief.

Your's Truly,
Jeevankumar D M