



# POORNIMA V | BIOTECHNOLOGY INTERNSHIP

| Kollam , Kerala | 8078227494 | poornimashanthi07@gmail.com |

| <https://www.linkedin.com/in/poornimavasu> |

“Passionate to learn new skills in the field of biotechnology and explore various domains through research”

## EDUCATION

### Bachelor of Technology in Biotechnology: 2021-2025

Kumaraguru College of Technology, Coimbatore

Anna University, Chennai

CGPA: 8.05

### Class 12: 2018-2019

Chavara Public School, Kottayam, Kerala

CBSE Board

Percentage : 85%

## SKILLS

### Core Skills

- Various Staining methods and Streaking techniques
- Plant Tissue Culture Techniques
- Enzyme Immobilization using Gel Entrapment
- Probing Recombinant Protein using Western Blotting
- Dual AO/EB Staining Apoptosis Assay
- Gene Expression Analysis using PCR
- Immunodiffusion Assays

### Instruments Handled

- UV Visible Spectrophotometer
- Haemocytometer
- Inverted Phase Contrast Fluorescence Microscope

### Soft Skills

- Good communication
- Analytical and Problem solving ability

## CERTIFICATIONS

### Workshops and Laboratory Training

- Microbial Preservation Techniques
- Fruit and Vegetable Processing Technology
- NGS Bioinformatics Analysis

### Online Course

- NPTEL - Bioreactors
- NPTEL - Data Analysis for Biologists
- Udemy - All Kinds of Plant Tissue Culture Concepts
- Great Learning - Python Fundamentals for Beginners

## PROJECTS AND EXPERIENCE

### • Internship Trainee:

AviGen BioTech Pvt Ltd - Chennai (10th July 2023 to 17th July 2023)

**DNA Fingerprinting - RAPD and RFLP**

### • Re'- Centre for Exploratory Research : Research Intern in Bioscience Team

### • Poster Presentation : New Therapeutical Approach To Control Nosocomial Infections

**International Conference and Start up Summit on Functional Biomaterials and Synthetic Biology 2023**

PSG Institute of Advanced Studies , Coimbatore

### • Poster Presentation : Development Of A Highly Effective Renewable Base Catalyst

**National Conference on Sustainable Alternatives Towards Environmental Pollution Management 2022**

Karpagam Academy Academy of Higher Education, Coimbatore