



# FATHIMA BEE

E-Mail: fathima96bio@gmail.com

Phone: +971551063763

## PROFILE SUMMARY

- Professional quality control expert with years of experience ensuring every step of production processes is followed perfectly. Excellent knowledge of analytical software and a variety of tools such as spectrophotometers. Ability to keep accurate records and update digital management system regularly. Keen eye for detail and capable of troubleshooting problems that arise effectively so things can get back on track soon.

## CORE COMPETENCIES

- Test result interpretation.
- Quality control procedures.
- Excellent lab practice.
- Prior experience working in a laboratory, microbiology skills.
- Excellent English oral and written communication and organization skills.
- Computer skills including data management, word processing, Excel, Prism, web browsing, and Powerpoint
- Desire and ability to learn new skills quickly.
- Time management.
- Adaptability team spirit.

## PROFESSIONAL EXPERIENCE

### STRIDES SHASUN PVT LIMITED

#### Quality Control Microbiologist

(APRIL 2017 - DEC 2018)

- Managed company operations by verifying all completed documents, while following SOP and GMP regulations.
- Tested quality of raw materials, and finished products by analysing microbial plates using proper pour plate method, spread plate method and inoculation of media.
- Sample, tested, and approved all incoming materials.
- Prepared all media, diluents, and stock cultures for the microbiology laboratory.
- Performed HPLC to identify and quatify enzymes and used TLC method to identify vitamins and omegas.
- Is trained and proficient in operating the following basic laboratory instrumentation: Weighing balance, PH Meters, Ovens, Sonicators, Centifuges, etc.
- Maintains and calibrates laboratory equipment. Performs or arranges for basic repairs.
- Conducted periodic environmental monitoring in the manufacturing area and production lines.
- Documented all results of product testing and maintained daily records using Microsoft Word and Microsoft Excel.
- Aided the Director of Quality Assurance in preparing and revising SOPs.
- Ordered supplies for the microbiology and research and development laboratories.

## PONDICHERRY CENTER FOR BIOLOGICAL SCIENCE AND EDUCATIONAL TRUST

### Research Assistant

(JAN 2019 – FEB 2020)

- Perform laboratory research activities such as: mammalian cell culture and endothelial culture.
- Perform and assist routine biological procedures such as ELISA, Anti-diabetic and Anti inflammatory assay, isolation of DNA and RNA from biological samples.
- Amplification of genomic DNA using PCR and RT PCR method.
- Quantification of DNA and RNA using Nanodroplet.
- Analyze sequencing data – Sanger and NGS. Troubleshoot obtained data if necessary.
- Perform gel electrophoresis techniques (AGE, SDS-PAGE), DNA fragmentation, cell counting using hemocytometer.
- Perform biochemical test for bacterial identification (Catalase, lactose, glucose, simmons citrate test, triple sugar iron test, etc.,)
- Microbial staining techniques, antibiotic sensitive test and biofilm assay.
- Gene transformation by using bacteria, isolation, characterization and screening of microbes.
- Create and maintain spreadsheets for data recording and analysis. Create figures and graphs from data.
- Maintains accurate records of procedures used to conduct experiments. Provides analyses and interpretations of results for review by supervisor. May contribute to the writing of technical papers.

### THUMBAY HOSPITAL (DUBAI)

#### Molecular Biology Technician (COVID - 19 PROJECT)

(APRIL – SEP 2020)

- Perform routine molecular biological procedures such as RNA extractions and gel electrophoresis and blotting.
- Prepares chemical solutions, media, reagents, stains, and buffers.
- Assists in conducting routine assays such as PCR, qPCR (using QIAGEN equipment) and Western blotting.
- Performs clinical processes, including swab collection, preparation, and processing of specimens.
- Performs general housekeeping of laboratory, and operation of laboratory equipment such as centrifuges, meters, microscopes, incubators, autoclaves and plate readers.
- Enter data from collected case report forms.

## ACADEMIC DETAILS

### PRIST UNIVERSITY

(2013 – 2017)

*Bachelor's Degree in technology (BIOTECHNOLOGY)*

CGPA – 8.76

## PROJECTS

- Evaluation of biomedical importance of papaya pulp
- Isolation, screening and identification of potential lipolytic bacterial isolates from dairy effluent
- Biochemical and molecular studies of rice with special reference to uv stress

## PERSONAL DETAILS

**Date of Birth:** 29/06/1996

**Languages Known:** English, Hindi, Urdu

**Mailing Address:** Po box no: 1286 Industrial area 3, caterpillar road,  
Sharjah, United Arab Emirates.

## REFERENCE

**DR.K. Thirugnanasambantham – Pondicherry center for biological science and educational trust**

Managing director

thiru\_dna@yahoo.co.in

**DR.V.I. Hairul islam – King faisal university, Saudi arabia**

Assistant professor, Department of biological sciences

Hairul2biot@gmail.com