

## RESUME

NIMISHA BABY  
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### **Objective:**

To work for a leading organization in Research and Microbiology which facilitates to explore and maximize my potential to the fullest.

### **Academic Profile:**

<b>Educational Qualification</b>	<b>Name of the Institute</b>	<b>University/Board</b>	<b>Score</b>
Masters of Science (Microbiology)	St. Xavier's college for women, Aluva	Mahatma Gandhi University	3.18/5
Bachelors of Science (Microbiology)	Indira Gandhi college of arts & science, Nellikuzhi	Mahatma Gandhi University	7.01/10
Plus Two	Govt. Boys HSS Perumbavoor	Board of Higher Secondary Examination Kerala	87%
SSLC	Mar Augen High School Kodanad	Board of Secondary School Leaving Certificate - Kerala	98%

### **Project:**

- Optimization of production medium to produce Neomycin using an overproducing UV resistant mutant strain 60/23 of *Streptomyces fradiae* ATCC 10745(B.Sc).
- Alcoholic Fermentation of Noni Fruits and analysis of fermented juice(M.Sc)

### **Experience:**

- Training at Rajagiri hospital, Aluva (6 Months)
- Project Assistant - Aromatic and Medicinal Plants Research Station Odakali, Kothamangalam(1Year)

### **LABORATORY SKILLS**

#### ***Microbiology:***

- Exposure in samples processing and proceeding - Bacteriology, Serology, Mycology and Mycobacteriology
- Exposure in culturing of Blood and Body fluids, CSF, Pus and Exudates, Tissue, Urine, Stool, Respiratory samples etc
- Exposure in Microbiological techniques like Sterilization, Decontamination, Media preparation.

#### ***Serology:***

- Exposure in immunological tests such as WIDAL, RPR, VDRL, ASO, RA card, RF, Dengue card, Lepto card, Scrub typhus, Clostridium, Blood group detection

**Molecular biology:**

- Exposure in AGE, Bacterial DNA isolation

**Others:**

Exposure in extraction of plant components, Thinlayer Chromatography, Paper chromatography, Rotary evaporation, HPLC-Solvent Preparation, Filtration and Sonication, Tissue culture, Callus culture

**Equipments Handled**

Fully Automated Immunoassay Analyzer – VIDAS	Automated immune analyzer - chorus	Fully Automated Immunoassay System - Architect
Fully Automated Microbial Detection System - BacT/ALERT	UV-VIS Spectrophotometer	Electronic Analytical Balance
Rotary Evaporator	Distillation apparatus	Clevenger Apparatus
Vitek 2 Compact	Vortex Mixer	Autoclave
MicroMGIT Reader	Microscopes	Digital colony counter
Cooling Centrifuge	Centrifuge	Laminar air flow chamber
Biofilm Array Torch	HPLC Filter	AGE apparatus
UV illuminator	pH Meter	Sonicator
Incubator	Bio-safety Cabinets	Hot air oven
Colorimeter	Spin column	

**COMPUTER SKILLS:**

- MS Office- Word, Excel
- Power point

**Personal Details:**

Father's Name : Baby P.K  
 Age & Date of Birth : 25 years, 28<sup>th</sup> November 1997  
 Marital status : Single  
 Languages known : English and Malayalam

**Extra – Curricular Activities**

- Was an active member of Arts and Science Clubs and attended various training programs
- Won several prizes in Arts festivals at School and Colleges.
- Second school topper in SSLC examination

**Strength:**

- Positive Attitude

- Teamplayer
- Ready to Learn
- Dedicated
- Flexible and Open for change

I hereby declare that all the information mentioned above is true and correct to the best of my knowledge.

Place:Kodanad

NIMISHA BABY

Date: