

## ATHIRA RAJESH

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MUKALATH (H) EDATHALA P. O, PUKKATTUPADY, ERNAKULAM KERALA 68  
3561



### Objective

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To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

### Education

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2019- 2021	<b>ST PETERS COLLEGE KOLENCHERY</b> MSC BIOTECHNOLOGY
2016 - 2019	<b>MES COLLEGE MARAMPALLY (MG UNIVERSITY)</b> Bsc BIOTECHNOLOGY CGPA : 7.80
2014- 2016	<b>GHSS EZHIPURAM</b> HIGHER SECONDARY 77%
2014	<b>BGHS NJARALLOOR</b> SSLC 96%

### Area Of Interest

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Quality control  
Research & Development  
Project assistant

### Skills

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•Adaptability •Hardworking •Time Management, •Good communication skill •Practical knowledge of chemical testing. • Maintain safe and clean environment. • Aware about the safety rules while working

### Experience

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- **Worked as volunteer for women cell committee 'sakhi' at st peters college kolenchery**
- **RAJAGIRI HOSPITAL**  
Observer trainee  
Currently working as a observer trainee in Molecular biology lab.  
Handling experience in RT-PCR( SARS COV2)  
HCV  
HLA B27  
CMV

### Projects

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**GENETIC CHARACTERIZATION OF ANTIBIOTIC RESISTANT GENE IN PATHOGENIC BACTERIA ISOLATED FROM BULK TANK MILK**

# SCREENING OF BIOFILM PRODUCERS FROM BACTERIAL HOTSPOT IN HOUSES AND FORMULATION OF ANTIBACTERIAL HERBAL DISINFECTANT

## Achievements & Awards

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\* Actively participated in NSS. International Webinar: 1) Chromosome structure and segregation 2) Covid 19 and Cardiovascular disease- immunology and future 3) Mushroom Cultivation, composting techniques and vegetable cultivation \* Best out going NList (e- learning) user in St peters college kolenchery

## Language

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\* English \* Malayalam \* Hindi

## Activities

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\*Actively participated in Post-flood rehabilitation activities conducted by college which involves: \*water quality analysis(MPN) of flood affected wells \*In making of chekutti doll to assist Chendamangalam Handloom Weavers.

## Personal Details

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Date of Birth : 31/10/1998

Marital Status : Single

## Techniques Acquainted With

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### Microbiology:

Staining, biochemical identification of Bacteria, Blood groups and Blood Cells identifications, Hanging Drop method, COD, BOD and MPN, pH

### Biochemistry and Immunological techniques

Antigen and Antibody

### Immunology :

Agglutination test, Serological tests etc.

### Instrumentation: Paper Chromatography, PCR,

Spectrophotometer, Agarose Gel Electrophoresis, PAGE, SDS-PAGE, Blotting, Centrifuge Manual Extraction RNA and DNA , Automated Extraction , Magentic Beads Extraction , Spin coloum Method

### Tissue culture:

Callus culture, Anther culture, embryo culture, protoplast Isolation

### fermentation technology :

wine production ,estimation method etc..

### Computer: Microsoft office

### Instruments Handled

Autoclave, Hot air oven, incubator, water bath, densitometer, digital colony counter, laminar air flow, biosafety cabinet BSL3 and BSL2, RT PCR machine,

Distillation apparatus, AGE Apparatus, UV illuminator, Vortex machine, Centrifuge, Spin column, CO2 Incubator,

Spectrophotometer, Colorimeter etc.

### Fundamentals of accounting

## Reference

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Dr SUDHA K - "ST PETERS COLLEGE KOLENCHERY"

ASSISTANT PROFESSOR

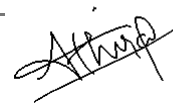
sudhavinu123@gmail.com

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## Declaration

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I ATHIRA RAJESH, hereby confirm that the information given above is true to the best of my knowledge and belief



ATHIRA RAJESH