CONTACT

7306376586,9656483655

aksharaachuz37@gmail.com

Parappallil house ,Pilapuzha ,Haripad P.O Alappuzha

EDUCATION

2022-2024

JAIN UNIVERSITY

- Msc.Microbiology (General)

2019-2022

NHRU ARTS AND SCIENCE COLLEGE,COIMBATORE
BHARATHIAR UNIVERSITY

- Bsc Microbiology (General)

SKILLS

- Aseptic technique
- Media
- preparation,Inoculation and
- Streaking
- Subculturing
- Microbiological tests
- Instrument handling
- Chemical analysis
- Maintenance of Microbial cultures
- Titrations
- Microsoft Office-
- Excel,Word,Powerpoint
- Hardworking
- Observation
- Decision making
- Time management
- Communication
- Ability to work in teams
- as well as independently

AKSHARA.B

MICROBIOLOGIST

ABOUT ME

Seeking an innovative and responsible position where i can utilise my knowledge appropriately ,with exposure to new areas and to enable me to make useful contribution for the benefit of the company.

INTERNSHIPS

2021-2021

Internship at SCIRE SCIENCE PVT.LTD. KRIBS BioNest,KNIFRA
Hi- Tech Park
Kalamassery,Cochin,Kerala .
On the topic :Culturing and Basic Molecular Studies Of *Synechocystis salina*

2023-2023

Internship at Albio Technologies,Kochi,Kerala
On the topic :New Food Product Development And Quality Evaluation

ACHIEVEMENTS

- "Bacteria and Chronic infections"

course authorized by University Of Copenhagen and offered through coursera.

- "Cell Culture technologies" course offered by IIT KANPUR throgh NPTEL domain
- Obtained 'A 'Grade by completing add on course on" Medical coding" conducted during the year 2021

LANGUAGES

- English
- Hindi
- Tamil
- Malayalam

Project

Valorisation of Agronomic Wastes for Bioethanol Production: Enzymatic Hydrolysis and Fermentation

This project explores the efficient production of bioethanol from lignocellulosic wastes, such as sugarcanebagasse, using fungal saccharification and yeast fermentation. Aspergillus ochraceus AO01 was identified as a potent cellulase-producing fungus, while wild yeast isolate YA07 showed high alcohol production capability.This innovative approach highlights the potential of fungi in bioconversion, offering a sustainable alternative to traditional pretreatment methods for agricultural residues.

DECLARATION

All the information mentioned above in the resume is correct to the best of my knowledge and belief.