



AKSHARA T.S.

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Thettayil House, Eloor North, Udyogamandal P.O, 683501 Ernakulam, Kerala

PROFILE

Seeking a challenging career, to make the best use of my analytical and theoretical knowledge, learned through the curriculum, practical and experimental learning for a challenging career in the field of biotechnology. Also to use my strong critical thinking skills with a high degree of precision and commitment to secure a responsible career as well as to enhance humankind with my knowledge.

WORK EXPERIENCE

07/2022 – 09/2022 Ernakulam, India	Clinical Analyst Navya Care, Bangalore (at Probation period-work from home)
10/2022 – present Ernakulam, India	Project Associate ICON Plc.(Probation Period)

PROFESSIONAL EXPERIENCE

09/2021 – 03/2022 Thiruvananthapuram, Kerala	Internship Rajiv Gandhi Centre for Biotechnology Under the guidance of Dr. Sumi. S, Department of Cardiovascular Diseases and Diabetes Biology
09/2019 Kottayam, Kerala	Internship Rubber Research Institute

EDUCATION

2019 – 2021 Kottayam, Kerala	M.Sc. Biotechnology CMS College, Kottayam (Mahatma Gandhi University) CGPA: 4.01/5
2016 – 2019 Ernakulam, Kerala	B.Sc. Biotechnology MES College, Marampally (Mahatma Gandhi University) CGPA: 8.33/10

2014 – 2016
Ernakulam, Kerala

Higher Secondary Board of Education, Kerala (Bio - Maths)
SNDP HSS, Aluva
Percentage: 84%

2014
Ernakulam, Kerala

Kerala State Board Of Education (10 th)
St. Ann's. EMHSS, Eloor
Percentage: 87%

TECHNICAL SKILLS

- **Molecular Biology:** Isolation of DNA, RNA and Protein, Western Blotting, PCR, qRT-PCR, Bisulfite Sequencing PCR, Touchdown PCR, Sequencing PCR, Agarose Gel Electrophoresis, PAGE, SDS-PAGE.
- **Mammalian cell culture:** Cell revival, Cell splitting, Cell freezing.
- **Microbiological:** Sterilization Techniques, Media Preparation, Staining Techniques, Motility Test, Isolation, Plating Techniques (bacterial and fungi), IMViC Tests.
- **Immunology:** Immunohistochemistry, Blood Grouping, and Rh Typing, WIDAL Test, Antibiotic Sensitivity Test, Immunodiffusion.
- **Biochemistry:** Spectrophotometric Experiments, Colorimetric Experiments, Chromatographic Techniques.
- **Bioinformatics:** BLAST, RasMol, PHYLIP, PCR Primer Designing (Primer Premier).
- Proficient in MS Word, MS Excel, MS PowerPoint, and MS Outlook.

PROFESSIONAL SKILLS

- Good communication skills
- Good writing skills
- Time management
- Great work ethic
- Problem-solving

PROJECT

12/2018

Isolation and Molecular Identification of Staphylococci from different points of waste discharging into Vembanad Lake

At ICAR-Central Institute of Fisheries Technology, Willington Island, Kochi, Kerala

Under the guidance of Dr. G.K.Sivaraman , Principal scientist, Department of Microbiology, Fermentation and Biotechnology.

01/2021

Completed a Review article on Isolation, Screening and Characterization of Biosurfactant producing Pseudomonas Strains from Oil contaminated soil.

CERTIFICATES AND SEMINARS

- Certificate for completing an online course on Medical coding
- Certificate for completing an online course on Mind Control: Managing your Mental Health during COVID-19.

- Participated in an International webinar on “Translational research for Nutraceuticals: Present status, Challenges & Future Strategies” & “Nanocarriers for Cancer Drug Delivery” organized by the Department of Bioscience in association with IQAC, Indira Gandhi College of Arts and Science, Kothamangalam.
- Participated in three days Online Training on “Mushroom Cultivation, Composting Techniques and Vegetable Cultivation organized by the Department of Biotechnology & IQAC, St. Peter’s College, Kolenchery in association with Krishi Vigyan Kendra, Kerala Agricultural University, Thrissur.
- Webinar on "Algal Biotechnology For Bioenergy And Bioremediation" Organized by Department of Biotechnology and Applied Microbiology, St. Thomas College, Pala.

LANGUAGES

- Malayalam (Native)
- English (Fluent)
- Hindi (Conversational)
- Tamil (Conversational)

REFERENCE

- **Dr. Sumi. S**, Program Scientist
Department of Cardiovascular Diseases & Diabetes Biology
Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Kerala
Ph: +91 9496737532
Email: sumis@rgcb.res.in 
- **Dr. G.K. Shivaraman**, Principal scientist
Department of Microbiology, fermentation & biotechnology
ICAR-Central Institute of Fisheries Technology, Willington Island , Kochi
Ph: +91 9409309653
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- **Dr. Jinu John**
Head of Department, Biotechnology
CMS College, Kottayam, Kerala
Ph: +91 9446664201
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DECLARATION

I hereby declare that the above-mentioned details are true to the best of my knowledge and belief.

Place : Ernakulam, Kerala
Date: 08/12/2022

AKSHARA T.S.