



RINCY ANN MATHEW

CAREER OBJECTIVES

Seeking a position to utilize my knowledge, skills, abilities in the institute that offers competitive environment, a true profession to put in the acquired knowledge and gain exposure to upcoming technologies while being resourceful, innovative and flexible.

KEY RESPONSIBILITIES HANDLED

- Collection and analyzation of patients samples
- Worked and performed on DNA and RNA extraction kit (Zymag- Nucleic acid extraction kit)
- Isolation of DNA, RNA and PCR from various micro-organisms, tissues and plants
- Enzymology on Xylanase, L-asparaginase, Laccase, Pectinase and Cholesterol oxidase
- Biofilm formation and antimicrobial susceptibility of *Candida albicans*
- Preparation of Buffers and Reagents
- Evaluation and documentation of instrument/ equipment breakdown and maintain log book
- Meta-analysis study of *Leptospirillum*
- Marine mediated Zinc nanoparticles with application against food spoilage
- Characterization and Antimicrobial activity of nanoparticle synthesized by bacteria from Marine Fauna

PROFESSIONAL EXPERIENCE

- **Muthoot Medical Centre, Kozhencherry, Kerala (November 2023- Present)**

Position: Medical Microbiologist Trainee

- **ZyGene Biotechnologies Pvt Ltd, Kochi, Kerala (May 2021 to April 2023)**

Position: Research Associate

- **UniBiosys Biotech Research Labs, Kochi, Kerala (January 2021 to April 2021)**

Position: Project Intern

Project: Isolation, Optimization and Molecular characterization of Lipase producing bacteria from soil

- **ICAR-Krishi Vigyan Kendra, CARD, Pathanamthitta (May 2018- June 2018)**

Position: Project Intern

Project: Mass Production of Trichoderma in different substrates

- **National Institute of Fisheries Post Harvest Technology and Training (NIFPHATT), Kochi, Kerala (July 2018)**

Position: On Job Training

CONTACTS

Email: rincyanmathew898@gmail.com

Phone: 9061751898

Available to Join Immediately

Experience: 2 years

TECHNICAL SKILLS

- ELISA
- Acid Fast Staining and Gram's Staining
- Influenza A+B Card Test
- Covid-19 Antigen Detection Test
- Dengue NS1 Ag Card Test
- Widal Test
- Identification, Culturing and Characterization of micro organisms
- Media preparation
- Biochemical Assay
- Antibiotic Susceptibility Test
- DNA, RNA and Plasmid isolation
- Polymerase Chain Reaction
- Agarose Gel preparation
- Qualitative and Quantitative of nucleic acid
- Buffer preparation
- SDS-PAGE
- Biofilm formation Assay
- Enzyme Assay
- Protein Assay
- Spectrophotometry
- Colorimetry
- Centrifugation
- Chromatography
- BLAST
- MEGA-X

KEY IT SKILLS

- Microsoft Office (Word, PowerPoint, Excel)

INTERPERSONAL SKILLS

- Excellent communication skills
- High Level of Accuracy
- Task Management
- Initiative Driven
- Strategic Leadership
- Research and Analysis
- Project Management
- Organization
- Deliverable Oriented
- Good Team work

PERSONAL DETAILS

- Date of Birth: 08/06/1998
- Nationality: Indian
- Languages known: English, Malayalam, Hindi

EDUCATION QUALIFICATION

- **Master of Science in Applied Microbiology**

Vellore Institute of Technology (VIT), Tamil Nadu, India (2019-2021)

CGPA: 7.8/10

- **Bachelor of Science in Industrial Microbiology and Zoology**

St. Berchman's College, Changanasherry, Kerala, India (2016-2019)

CGPA: 7.72/10

- **Higher Secondary, Kerala Higher Secondary Board, Biology Science**

St. John's Higher Secondary School, Eraviparoor, Kerala, India (2014-2016)

Grading Score: 78%

- **High School, Indian Certificate of Secondary Education (ICSE)**

Good Shepherd School, Kuriannoor, Kerala, India (August 2014)

Grading Score: 67%

CERTIFICATIONS

- Qualified NPTEL Online Certification course 'Bioenergy' 2019 funded by Ministry of HRD, Government of India
- Hands-on-training on Molecular biology techniques at UniBiosys Biotech Research Labs, Kochi, Kerala during 2021

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the mentioned above.

Rincy Ann Mathew