

MEIYARASU A



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SUMMARY

Biotechnologist with proficiency in microbial culturing, PCR, gel electrophoresis, DNA/RNA isolation, and bioinformatics tools. Experienced in both wet lab experimentation and dry lab data analysis. Seeking to advance expertise in molecular diagnostics, genomics, and applied biotechnology research.

EDUCATION

Bachelor Of Technology 2021- 2025

Biotechnology and Biochemical Engineering
JCT College Of Engineering and Technology, Coimbatore.
Score 80 %

Higher Secondary Education 2020 - 2021

De Britto Higher Secondary School, Devakottai.
Score 86 %

Secondary School Leaving Certificate 2018 - 2019

St. Joseph's Higher Secondary School, Tiruchirappalli
Score 88%

PROJECT AND INTERSHIPS

ICAR - Sugarcane Breeding Institute , Coimbatore February - May | 2025

Done the project under the topic of Molecular Characterization of Drought panel in sugarcane Using drought candidate gene marker.

ICAR - Sugarcane Breeding Institute , Coimbatore June - July | 2024

Skilled the fungal characterization through culture Maintenance, Experimentation and Molecular Analysis.

Orbito Asia Diagnostics, Coimbatore June - July | 2023

Gained Hands on Experience in Molecular Biology Techniques and Histopathology Procedures. Enhanced Understanding of Molecular Diagnostics and its Applications.

CERTIFICATION

NPTEL - Basic of Crop Breeding and Plant Biotechnology January - April | 2025

NPTEL - Wastewater Treatment And Recycling July - September | 2024

NPTEL - Structural Biology January - April | 2023

NPTEL - Tissue Engineering July - September | 2024

Udemy - Industrial Biotechnology September | 2023

Naan Mudhalvan - Digital Training on Microsoft outlook, SharePoint, Excel advance Level, PowerPoint Advance Level, Word Advance level, OneDrive November | 2022

CSC - Diploma In Computer Application May - July | 2019

TECHNICAL SKILLS

- | | | |
|---------------------------------------|-------------------------------|---------------------------------|
| • DNA and RNA Extraction | • PCR Techniques | • Agarose Gel Electrophoresis |
| • Poly Acrylamide Gel Electrophoresis | • BIO - R Structural Analysis | • Darwin Dissimilarity Analysis |
| • Embedding | • Microtome | • Plating Techniques |

LANGUAGES

- English - Fluent
- Tamil - Native
- Malayalam - Conversational