



PROFILE

An enthusiastic Bio-technology fresher who is a self-starter and capable to use technical skills for the betterment of the organization. A master degree in Bio-technology has enhanced my proficiency in this field and looking forward to work in a competitive environment that enhances overall learning.

CONTACT

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ACTIVITIES AND INTERESTS

Badminton

Enhancing my skill in my free time

Research article

ABDUL RAHMAN.N

WORK EXPERIENCE

Assistant professor,
Department of Biotechnology,
A.V.C College(Auto)
Mayiladuthurai.
Sept 2025- Till now

Research Assistant,
Centre for Ocean Research,
Sathybama Institute of Science and Technology,
Chennai.
Jan 2024- july2025

Student mentor,
Department of Biotechnology,
Sathybama Institute of Science and Technology, Chennai.
June 2024- april2025

EDUCATION

Doctor of philosophy in life science
Sathybama Institute of Science and Technology, Chennai.
July2023- Present

Master of science in Biotechnology-73.7%
A.V.C College of Arts and Science (Annamalai university)
Mayiladuthurai.
July2021- May2023

Bachelor of Science in Biotechnology - 63.5%
A.V.C College of Arts and Science (Bharathidasan university) Mayiladuthurai.
June 2018 – May 2021

LANGUAGES KNOWN

English
Tamil

NATIONALITY

Indian

AREA OF INTREST

Toxicology

Marine Biotechnology

Animal Biotechnology

Medical Biotechnology

Immunology

Microbiology

Teaching

COMPUTER TOOLS

Ms-word

Ms-excel

Ms-powerpoint

Bioinformatics tools

Research / project details

- **Toxicogenomic evaluation of chronic micro plastic/nano plastic exposure to *D. rerio* (zebrafish)**
- **DNA barcoding and genetic diversity of an invasive species (*Mytella strigata*) form Chennai coastal India.**
- **Plant tissue culture** - Anther culture, stem culture and callus culture in banana tree.

Laboratory skills

- Providing assistance to life science students in their lab session.
- Worked as tutor for biomedical students to resolve their doubts in lab session.
- **Workshop converter member**
- **Biochemistry and Immunological techniques-** Antigen and Antibody Interaction, ELISA.
- **Microbial techniques-** Spreading, Pouring, Streaking, Gram's Staining, Biochemical reactions etc.
- **Molecular Biology and recombinant DNA technology-** DNA isolation, SDS-PAGE, Restriction Digestion, PCR (including colony PCR sequencing PCR), Cloning, Transformation, Agarose Gel Electrophoresis, western blotting, northern blotting, southern blotting etc.
- **Bioinformatics- Software's** such as EMBOSS, RasMol, ExPASy, Chimera, TMHMM, KEGG, BLAST, PHYLO, HYPERCHEM, and HOMOLOGY MODELING.

INTERNSHIP/ WEBINAR

- Presented a paper on **Toxicogenomic evaluation of chronic micro plastic/nano plastic exposure to *D. rerio*** in the International Conference on Emerging Trends in Applied Science (ETAS-26) organized by Department Of Biotechnology, Sri Vinayaga College Of Arts & Science, Ulundurpet, Tamil Nadu. 606107 from 27-02-2026 to 27-02-2026
- ECO tech Lab Pvt Ltd(june2024) performed the hands on training in microbiology for food and water testing analysis.
- Completed an internship on “NATIONAL INTELLECTUAL PROPERTY (IPR) AWARENESS MISSION” on 03 August 2022.
- National small industries corporation Ltd(OCT-NOV 2019)

WORKSHOP

- Attended National Workshop on Empowering Future Biotechnologists With Diagnostic Expertise: ELISA Hands-On Training organized by Department Of Biotechnology, A.V.C College (Autonomous), Mannampandal, Mayiladuthurai. from 06-02-2026 to 06-02-2026
- Advanced analytical techniques in bioscience on January 2025
- HPLC handling techniques at Sathyabama Institute of science and Technology, Chennai on

23November 2022.

- Food safety and food resource exhibition at National Institute of Food Technology Entrepreneurship and Management, **NIFTEM**, Thanjavur on 16September 2022.
- Mushroom cultivation on June 2021.

CERTIFICATE

- Histopathology techniques
- FTIR Spectroscopy
- DNA Technology
- Anatomy of flowering plant
- Drug Recalls
- Drug QR code and DATA matrix
- Overview on Clinical Trails
- QC test for Ointments and creams
- Specifics Requirements for the manufacture of oral solid dosage forms(TABLETS AND CAPULES)

AWARDS AND ACHIEVEMENTS

- **Best mentor award** on 2024-2025 batch at **Sathybama Institute of Science and Technology, Chennai.**
- Participated “PEKAK” on 2018 at A.V.C College (Autonomous), Mayiladuthurai.
- Participated in an COVID-19 Antagonist Awareness Quiz 2020 at A.V.C College of Engineering, Mayiladuthurai.

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

DATE:

SIGNATURE