

RESUME

M.THENMOZHI., M.Sc., PGDBI., Ph.D.

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Objectives:

- ✓ To dedicate myself to the young society and I do best my committed service to present and future generations.
- ✓ To each unique and definable position in the field life science.
- ✓ To learn from competitive global professionals, academicians and develop my professional growth.
- ✓ To make good discipline in my working place.

Academic Profile:

Research Scholar 2012-2022	:Ph.D - Biotechnology Bharathiar University, Coimbatore.
Post graduate 2009-2011	:M.Sc- Biotechnology (75%) Marudupandiyar college, Thanjavur.
Under graduate 2006-2009	:B.Sc - Biotechnology (73%) Marudupandiyar college, Thanjavur.
Post Graduate Diploma 2009-2010	:PGDBI (65%) Post Graduate Diploma in Bio Informatics Marudupandiyar college, Thanjavur.

Project Profile:

Ph.D., Project: Production And Characterization Of Biosurfactant From A Potential Estuarine Yeast, *Candida Tropicalis* Isolated From Mangrove Sediment Samples

M.Sc., Project: Studies on Preparation of Cough Syrup by Using Seaweed with Some Medicinal Plants (2 Months).

Linguistic Ability:

Read, Write and Speak : Tamil & English

Experience:

Worked as a Microbiologist in Water cure products, Thanjavur (2011-2012) for 8 months.

Worked as a lecturer in Sherli marin nursing college (2012-2013) for 1 year.

Worked as a Microbiologist (Production and Quality control) in TARI BIO-TECH (Bio fertilizer manufacturing company), Thanjavur (2013-2015) for 1 year 5 months.

Publications of Research Papers

Production, purification and biochemical characterization of biosurfactant produced by *Candida tropicalis* VEMS 27 : **International journal of pharmacy and biological sciences** with Vol. No **8(4)** Page Nos **810-816** and year of publication **2018**.

Screening and molecular identification of potential biosurfactant producing estuarine yeasts isolated from mangrove sediment samples of velar estuary : **The pharma innovation journal** with Vol. No **7(12)** Page Nos **208-213** and year of publication **2018**

Molecular Characterization, Optimization And Efficient Production Of A Biosurfactant From An Estuarine Yeast *Candida Tropicalis* : **European journal of molecular biology and biochemistry** with Vol. No **3(1)** Page Nos **26-32** and year of publication **2016**

Purification And Characterization Of Glycolipid Biosurfactant From An Estuarine Yeast *Candida Tropicalis* : **American journal of biological and pharmaceutical research** with Vol. No **3(1)** Page Nos **14-18** and year of publication **2016**

Seminars / Conferences / Workshops

One day workshop mushroom cultivation, vermi composting technology and its application. Department of science and technology, Amman biocare, Thanjavur.

Two days National Conference on "Biotechnological Approaches for Sustainable Environment". Department of Science and Technology, Govt. of India, New Delhi at J.J. College of Arts and Science, Pudukkottai.

Known Techniques:

Microbiology:

- Isolation of microbes.
- Pure culture techniques.
- Staining techniques and other all Microbiological techniques.

Bio chemistry:

- Estimation of protein, Carbohydrates & Lipids.
- All Biochemical test.
- Chromatographic techniques.

Biotechnology & Molecular biology:

- Isolation of DNA & RNA.
- Estimation of DNA & RNA.
- SDS – PAGE Techniques.
- PCR.
- Agarose gel electrophoresis.
- Plant tissue culture techniques.
- Animal tissue culture techniques.
- Immunological techniques.

Personal Details:

Husband's Name : R.Vinoth

Date of Birth : 01.12.1988

Sex : Female

Blood Group : O +ve

Nationality : Indian

Religion : Hindu (BC)

Declaration:

I hereby declare that all the above furnished details are true and correct to the best of my knowledge and belief.

Place : Keelathiruppalakudi

Yours faithfully,

Date :

(M.Thenmozhi)

