



INFANCIA L

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1/3 Kannan street, Subramaniyapuram, Trichy - 20

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https://scholar.google.com/citations?hl=en&user=m_mmm_8AAAAJ

EDUCATION

M.Phil of Microbiology

Srimad Andavan Arts and Science College
Bharathidasan University

82% 2014 - 2015

Master of Microbiology

Srimad Andavan Arts and Science College
Bharathidasan University

85% 2011 - 2013

Bachelor of Microbiology

Srimathi Indira Gandhi College
Bharathidasan University

86% 2008 - 2011

Higher Secondary

St. Joseph's Anglo-Indian Girls' Hr. Sec. School

73% 2008

High Schooling

St. James Matric. Hr. Sec. School

78% 2006

AWARDS

Versatile student of the year award - 2013

LANGUAGES

• ENGLISH • TAMIL • HINDI

ABOUT ME

My students' will be favoured through my understanding and provoked towards learning by my teaching, as I possess an excellent knowledge in the field of Life sciences through both wet and dry lab experiences. The laboratory exposures has not only provided me with lot of technical and instrumentation accessibility but also an incredible skill to understand the scientific concepts. Apart from these, my personality could be defined as confident, team worker and a great problem solver. All these positivities of mine will enlighten the new minds in this competitive world to achieve great heights.

WORK EXPERIENCE

Assistant Professor Dec, 2024 - till date
Jamal Mohamed College, Trichy

Freelance scientific document writer 2021 - Nov, 2024

Research advisor Oct, 2023 - Jul, 2024
Priyadharshini Innovations and Technology, Chennai

Junior Research Fellow 2017 - 2019
Geo-Biotechnology Lab, National College, Trichy

Under the DST funded project entitled "Extraction of Water from Air at Zero Energy Expenditure to Mitigate Water and Energy crisis in India: A Socio-technical perspective to develop 'ZERO EXTRACT CORPORATES'"

Senior Research Fellow 2015 - 2016
ICAR - National Research Center for Banana, Trichy

Under the ICAR funded project entitled "Phytophthora, Fusarium & Ralstonia Diseases of Horticultural and Field Crops (WILT)"

Teaching Experience 2015

Biology teacher and **NEET coaching** for Higher Secondary Students
Bharathidhasanar Matriculation School, Arakkonam

Science teacher for Middle school students
Shri Ram CBSE School, Omandur

Patent Scientist 2013 - 2014
Dextrasy Technologies, Trichy

Patent searching and drafting

PROFESSIONAL SKILLS

- Excellent communication
- Problem solver
- Team worker
- Scientific understanding
- Brain stromer
- Deadline-driven

FIELD EXPERTISE

- Medical microbiology
- Agriculatural microbiology
- Environmental sciences
- Water sciences
- Herbal technology
- Bioprocess technology
- Vermicomposting
- Bioinformatics
- Molecular biology

INSTRUMENT PROFICIENCY

- Flow cytometry
- PCR
- Molecular level handling
- Lyophilizer
- DGGE
- Electrophoresis units (Agarose, SDS)
- Microscopes
- Centrifuge
- BOD and COD units
- Spectrophotometry
- Ultrasonicator
- Chromatography

COMPUTED SKILLS

- Canva
- Biorender
- Origin
- Autodock
- MS office (Word, Excel and Powerpoint)

DIPLOMA CERTIFICATIONS

Post Graduate Diploma in Bioprocess Technology National College, Trichy	78% 2018
Post Graduate Diploma in Herbal Technology Srimad Andavan Arts and Science College, Trichy	83% 2013

PROFESSIONAL COURSES

Bioinformatics from scratch	(Udemy)
Genetics and NGS for bioinformatics	(Udemy)
Peer reviewer course	(Elsevier researcher academy)
Introduction and how to review research article	

PROJECTS

M.Phil project - Bharathidasan University, Trichy 2015

In-silico method of drug designing for Hepatitis Delta Virus infection

M.Sc project 2013
Srimad Andavan Arts and Science College, Trichy

Comparison of Antibacterial activity and Phytochemical potential of Artocarpus heterophyllus against Urinary tract pathogens and Marine counter parts

PAPER PUBLICATIONS

- Elango, A., Nesam, V. D., Sukumar, P., **Lawrence, I.**, & Radhakrishnan, A. (2024). Postbiotic butyrate: role and its effects for being a potential drug and biomarker to pancreatic cancer. Archives of Microbiology, 206(4), 1-19.
- Selvam, R., Kumaravel, V., **Lawrence, I.**, Sankaran, D., & Sadasivam, S. K. (2019). Bioconversion of textile industry sludge into soil enriching material through vermistabilization. Res Rev AJ Life Sci, 9, 51-58.
- Selvam, R., Kumaravel, V., **Lawrence, I.**, Sankaran, D., & Sadasivam, S.K. (2018). Earthworm aided biore restoration of textile effluent polluted soil. International Journal of Research and Analytical Reviews, 5(4): 1199-1212
- **Infancia, L.**, Muthusamy, C., Thiyagarajan, C., & Thirunalasundari, T. (2015). Plant Metabolite as a cure for Hepatitis delta virus infection in-silico analysis. European Journal of Biomedical and Pharmaceutical sciences, 2(4): 368-379

HANDS-ON TRAININGS EXPOSURE

- Biomedical applications of RNAi Technology
- Bioinformatics for Whole Genome Sequencing

CONFERNCES/ SEMINARS

- One Day National Conference on Future Scenario of Food Nanotechnology at A.V.C. College, Mayiladuthurai
- National Seminar on “Herbal Healthcare – Product to Patent” at Srimad Andavan Arts and Science College, Trichy.
- National Conference on “Micro Miracle” at J.J. College of Arts and Science, Pudukottai.
- National Conference on Microbiological Research in 21st Century and presented a poster on “Screening of Antibacterial and Phytochemical activity of Piper betle against clinically isolated respiratory tract pathogens” at Bharathidasan University, Trichy.
- Two Days National Seminar on “Medical Plant Research – A Present scenario” at Srimad Andavan Arts and Science College, Trichy, Sponsored by ICMR, New Delhi.
- National Seminar on Cutting Edge Microbial Research and Challenges and presented a poster on “Zero cost, eco-friendly earthen pot cool chamber for preservation of Vegetables and Fruits” at Bharathidasan University, Trichy.
- One Day Seminar on “Biotechnology based Entrepreneurship Awareness”, Bharathidasan University, Trichy.

REFERENCE

Dr. P. Sumithra

Assistant Professor, Srimad Andavan Arts and Science College, Trichy

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PERSONAL DETAILS

Name : Infancia L
Date of Birth : 02-11-1990
Sex : Female
Nationality : Indian
Religion : Christianity
Marital status : Married
Blood group : B⁺ve
Mother tongue : Tamil

I hereby, declare that the above mentioned information are true and trustworhty to the best of my knowledge.

Date: 12.12.2024

L. Infancia