

Faculty Profile



Ms. Ayilya BL, M. Tech
Assistant Professor

HIGHLIGHTS:

- Number of Journal Publications: 5
- H-Index: 3
- Citations: 102

PROFESSIONAL LINKS:

- Scopus ID: 58076253300
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=58076253300>
- Google Scholar ID: <https://scholar.google.com/citations?hl=en&user=OAfmJ5UAAAAJ>
- Anna University Faculty ID: 32078650
- AICTE Faculty ID: 1-108610784

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 10 years

COURSES CERTIFIED:

- IIECP Certified by Indo-Universal Collaboration for Engineering Education (IUC EE)
- ‘Epidemiology for Public Health’ Specialization courses by Imperial College, London on Coursera.
 - Measuring Disease in Epidemiology
 - Study designs in Epidemiology
 - Validity and bias in Epidemiology

PAPER PUBLICATIONS:

- **Ayilya, B. L.,** Balde, A., Ramya, M., Benjakul, S., Kim, S. K., & Nazeer, R. A. (2023). Insights on the mechanism of bleomycin to induce lung injury and associated in vivo models: A review. *International Immunopharmacology*, 121, 110493.
- **Ayilya, B. L.,** & Nazeer, R. A. (2023). Epidemiological burden, risk factors, and recent therapeutic advances in chronic obstructive pulmonary disease. *J. Adv. Biotechnol. Exp. Ther.*, 6, 109.

- Swastha, D., Varsha, N., Aravind, S., Samyuktha, K. B., Yokesh, M. M., Balde, A., **Ayilya, B. L.**, Nazeer, R. A. (2023). Alginate-based drug carrier systems to target inflammatory bowel disease: A review. *International Journal of Biological Macromolecules*, 125472.
- **Ayilya, B. L.**, Joseph, K. D., Solomon, M. S. (2013). Virulence Genes Of Staphylococcus Aureus Isolated From Healthy Persons. LAP LAMBERT Academic Publishing, ISBN: 978-3-659-33709-3

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Participated on the Faculty Orientation Program on ‘Design Thinking’ by the School of Design Thinking at the Intellect Design Arena, Siruseri on 16 March 2026.
- Participated in the Faculty Development Program on Outcome Based Education by Teaching Learning Centre (TLC), IIT Madras during 16-18 July, 2025.
- Participated in the 'International Conference on Applications of Natural Products Nanomaterials and Nano-pharmaceuticals (ICAN3)' and present a paper titled 'Isolation and purification of bioactive peptide from marine blood clam and its anti-inflammatory effects *in silico* and *in vitro*' at B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai on 9th and 10th August, 2023.
- Participated in the “Hands-on workshop on Fluorescence Activated Cell Sorter (FACS)” at SRMIST from 15th to 17th December, 2022.
- Presented a poster titled “Therapeutic potential of marine bioactive compounds for Chronic Obstructive Pulmonary Disease” in the International Symposium on Recent Trends in Macromolecular Structure and Function, Marine Biotechnology and Bioinformatics-2022 (ISRTMSF2022) held between 6th to 8th October, 2022 at Academy of Maritime Education and Training (AMET University), Chennai.
- Presented a poster titled “Chronic obstructive pulmonary disease: epidemiological burden, risk factors and pathogenesis” in the International Conference on Recent Advances in Biosciences and Bioengineering (ICRABB-2022) held between 23rd and 25th February 2022 at SRM Institute of Science and Technology.
- Paper presentation in “International Conference on Converging Biotechnological Innovations for Health, Food and Environmental Welfare (ICCBi 2015) December 2015" at Karunya University, Coimbatore
- Oral presentation in DBT, New Delhi sponsored, “National Conference on Contemporary Trends in Bioenergy and Green Technology: Challenges and Opportunities” at Kamaraj College of Engineering and Technology, Virudhunagar.
- National Technical Conference on “Avenues for research and development in biotechnology” – Rajalakshmi Engineering College.
- Plant tissue culture techniques, Basic Molecular Biology and Molecular Genetics Techniques, Enzyme technology, Phytochemical analysis - Gloris Biomedical Research Centre, Chennai
- Electron Microscopy and Cytogenetics - Cancer Institute, Chennai.
- Workshop on Biotechniques - Aristogene Biosciences, Bangalore
- Structural Bioinformatics - ScientiaBio, Bangalore