

Name : Dr. B. MOHANAPRIYA
Staff ID : RCAS02175
Designation : ASSISTANT PROFESSOR
Department : BIOTECHNOLOGY
Experience : 6 YEARS
Qualification : MSC, M.Phil, PhD



Specialization : BIOMATERIALS, ENZYMOLOGY, ENVIRONMENTAL
BIOTECHNOLOGY

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ACADEMICS

Degree	Branch	Institution / University	Year of Completion
B.Sc	Biotechnology	Bharathiar University	2008
M.Sc	Biotechnology	Bharathiar University	2010
M.Phil	Microbial Biotechnology	Bharathiar University	2018
Ph.D	Microbial Biotechnology	Bharathiar University	2025

RESEARCH AND PUBLICATIONS

SEED MONEY

Title	Institution	Amount	Year	Status
Fungal Protease – An efficient fabric cleaning detergent additive	Rathinam college of Arts and Science	50000	2023	Completed

Journal Publications

Balasubramaniam, M. (2024). Facile green synthesis and characterization of Ag-Cu-Zn nanoparticles using *Cordia sebestena* L. flower extract and their antimicrobial efficacy. *Acta Biomedica*, 95(1). ISSN: 0392-4203 | eISSN: 2531-6745.

Balasubramaniam, M. (2023). Evaluation of anti-dandruff activity of polyherbal serum against the fungus *Malassezia* fungus from human scalp. *Journal of Coastal Life Medicine*, [Online ahead of print, May 29, 2023].

Balasubramaniam, M. P., Murugan, P., Chenthamara, D., Ramakrishnan, S. G., Salim, A., Lin, F.-H., Robert, B., & Subramaniam, S. (2020). Synthesis of chitosan–ferulic acid conjugated

poly (vinyl alcohol) polymer film for an improved wound healing. *Materials Today Communications*, 25, 101510. <https://doi.org/10.1016/j.mtcomm.2020.101510>

Book Chapters

Jayaraj, G., Balasubramaniam, M., & Raju, K. (2025). Nanoencapsulation of agricultural inputs. In *Nanotechnology in plant sciences* (pp. 51). Springer. https://doi.org/10.1007/978-3-031-90506-3_3

Mohanapriya (2025). Smart Shrimp Farming: AI-Driven Approaches for Sustainable Aquaculture -ISBN: 978-93-7143-733-2

Books

Indian knowledge system principles and practices – 2024 – SSS publishers, Tamil Nadu.
ISBN - 9788198256331

PRESENTATIONS

	State Level	National	International
Conference	5	4	1
Seminar	5	3	1

PARTICIPATION

	State Level	National	International
Conference	5	5	1
Seminar	7	2	-
Workshop	4	1	-
Orientation	2	1	-
FDP/PDP	5	6	1

Events Organized

An International conference on Innovative Trends and Challenges in Applied Biological Sciences 16.3.2023

Members in BoS/ Editorials/ Professional Bodies

Professional Body Member at Society of Chemical and Synthetic Biology

AWARDS, HONORS AND RECOGNITION

Awards / Honors /Recognition	Agency / Institution	Year of Award
EXCELLENCE IN MENTORING AWARD	SNS INSTITUTION	2025