



NAME: Dr. V. BALASUBRAMANIAN
DESIGNATION: Assistant Professor

Contact

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Degree	Institution	Year	Branch	Class
PhD	Bharathidasan University	2014	Marine Science - Microbiology (Inter-Disciplinary)	Awarded
M.Sc.,	Bharathidasan University	2024	Microbiology	First
B.Sc.,	Bharathidasan University	2002	Microbiology	Second

Teaching Experience: 8 Years

Position	Institution	Duration
Assistant Professor	Alagappa University	Since 2016

Research Experience: 13 Years

Position	Institution / University	Duration
JRF-SRF (UGC)	Department of Marine Science, Bharathidasan University	2009-2014
Project Fellow -B	OPMEC-CECRI, Tuticorin	2005-2008

Areas of Research

- Screening of Novel Antibiotics from marine organisms
- Marine Biofilm and Biofouling Control Strategies

- Microbial Ecology
- Ocean Microbial Metagenomics
- Small Protein – Ligand Interactions
- Heavy Metal Bioremediation

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D		3
	M.Phil	2	
Project	PG	42	

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
8	9	2	4	6

Cumulative Impact Factor(asperJCR) : 10
h-index : 7
i10 index : 3
Total Citations : 145

Funded Research Projects

Ongoing Projects:

S. No	Agency	Period		Project Title	Budget (Rs.In lakhs)
		From	To		
1	RUSA-EIR	Jul 2023	Sep 2023	Curcumin coated cellulose based wound dressing fabrication using <i>Prosopis juliflora</i> (Tamil name Seemai Karuvel tree) and waste Jute fibers (Tamil name Sanal)	0.5

Completed Projects:

S.No	Agency	Period		Project Title	Budget (Rs.In lakhs)
		From	To		
1	AURF	2017	2018	“Antifouling potentials of marine biofilm bacteria from Palk Bay”	0.35

Distinctive Achievements / Awards

- “Science Academies' Summer Research Fellowship Programme for Students and Teachers 2017”. Indian Academy of Science, Bengaluru, India.
- Recipient of JRF & SRF, University Grants Commission Fellowship, New Delhi (13.10.2009 to 29.01.2014).
- Received Best Paper Award for ORAL PRESENTATION in “*National Seminar on Coastal Typology*” held during March 15–17, 2010 at Department of Marine Science, Bharathidasan University – 620024. Title of the Paper “Biofouling on Marine Engineering Alloys”

Events Organized and Fund Generated from Various Funding Agency

Number of Seminars / Conferences / Workshops/ Events organized: 6

International			
Position	Programme	Duration	Institution
Organizing Committee Member	3 rd International Conference on Recent Trends in Microbiology, RTM-2019	24 & 25 January 2019	Department of Microbiology, Alagappa University, Karaikudi
Organizing Committee Member	International Conference on Recent Trends in Bioplastics, RTB-2019	9 & 10 th December 2019	Department of Microbiology, Alagappa University, Karaikudi
Co-Organizing Secretary	2 nd International Conference on Recent Trends in Microbiology, RTM-2018	11 & 12, January 2018	Department of Microbiology, Alagappa University, Karaikudi
Organizing Committee Member	1 st International Conference on Recent Trends in Microbiology, RTM-2016	21, 22 December 2016	Department of Microbiology, Alagappa University, Karaikudi

National			
Organizing Committee Member	National Level Workshop on Commercialization Projects Microbial Formulates	22-25, January 2018	Department of Microbiology, Alagappa University, Karaikudi
Organizing Committee Member	National Level Workshop on Gas Chromatography-2016	December 2016	Department of Microbiology, Alagappa University, Karaikudi

Events Participated

Number of Conferences/ Seminars/ Workshops: 32

1. International-9
2. National –23

Overseas Exposure/ Visits

- Visited MALAYSIA and presented a paper entitled at the “*International Congress of the Malaysian Society for Microbiology ICMSM-2011, leveraging on Microbial Diversity for a Sustainable Future*” held during 8-11 December, 2011, @ Bayview Beach Resort, Batu Ferringhi, Penang, MALAYSIA.

Membership

Professional Bodies

1. Coordinator for Karaikudi Region: Indian Initiative for Management of Antibiotic Resistance(IIMAR)

Academic Bodies in Other Institutes / Universities

Year/Period	Name of the BoS / Administrative Committee / Academic Committee	Role
2018	Board of Study, B.Sc., (Microbiology and Clinical Lab Technology), Dr. Umayal Ramanathan College for Women, Karaikudi	Member
2019	Question Paper Setter, M.Sc., Microbiology, Bharathidasan University, Tiruchirappalli	Member

List of Research Articles / Recent Publications

2020	Editorial Board in Journal of “Recent Advances in Microbial Technology and Immunology(RTMI)	Member
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S. No	Authors/Title of the paper/Journal	Impact Factor
1.	Akila R., C.M. Arun, S.G. Bharathi., V. Balasubramanian <i>et. al.</i> , (2023) Production and Characterization of Exopolysaccharide from Marine <i>Bacillus Halotolerans</i> and Its Antibacterial Activity Against Clinical Pathogens, <i>Biologia</i> , 79 (2), 605-619	1.6
2.	Balasubramanian, V* . R Rajaram, S. Palanichamy, G Subramanian, K Mathivanan, A Pugazhendhi (2018) Lanosterol expressed bio-fouling inhibition on Gulf of Mannar coast, India. <i>Journal of Progress in Organic Coatings</i> (115)100–106, Elsevier, (IF-5.1)	5.1
3.	Mathivanan, K., R. Rajaram, V. Balasubramanian* and G. Annadurai, (2016), "Removal of Cd(II) and Cu(II) from Aqueous Solutions by <i>Pseudomonas stutzeri</i> KMNTT-01 Biomass. <i>Environ. Process</i> , 3(4) 857-874	-
4.	Balasubramanian, V.* , R. Rajaram and P. Rajesh (2016) Antifouling Potentials of Mangrove <i>Rhizophora apiculata</i> against <i>Vibrio alginolyticus</i> strain VBM-01. <i>Indian Journal of Geo-Marine Science</i> , 44(10) 1654-1661 (IF-0.5), ISSN: 0379-5136.	0.5
5.	Mathivanan, K., R. Rajaram and V., Balasubramanian* (2015) Biosorption of Cd(II) and Cu(II) ions using <i>Lysinibacillus fusiformis</i> KMNTT-10: equilibrium and kinetic studies <i>Desalination and Water Treatment</i> , 57(47), 22429-22440, doi: 10.1080/19443994.2015.1129508(IF-1.6).	-
6.	Sengol Jenifer, S. Balasubramanian V* , R. Rajaram (2014) Chemical Characterization and Bioactivity Evaluation of Bacteriocin from Biofilm Forming Bacteria. <i>African Journal of Microbiology Research</i> , 8(41), 3617-3624, (ISSN: 1996-0808). https://doi.org/10.5897/AJMR2014.7022	-
7.	Balasubramanian V* ., S., Palanichamy, G. Subramanian, and R. Rajaram. (2012) Development of Polyvinyl chloride biofilm for succession of selected marine bacterial populations. <i>Journal of Environmental Biology</i> , 33:57–60, ISSN: 0254- 8704,(IF-1.0)	1.0
8.	Balasubramanian V* ., S. Palanichamy, and R. Rajaram (2011) Effects of certain seaweed extracts on the primary biofilm forming bacteria. <i>Journal of Marine Biological Association of India</i> , 53(1):104–110.	-
9.	Prabhakaran, S., R. Rajaram, V. Balasubramanian* , and K. Mathivanan (2012) Antifouling Potentials from Seaweeds, Seagrass and mangroves against primary biofilm forming bacteria. <i>Asian Pacific Journal of Tropical Biomedicine</i> , S316– S322, (Elsevier, IF-1.2).	1.2
10.	Mathivanan K., V. Balasubramanian* and R. Rajaram (2010) Bacterial Resistance to Mercury Pollution through Genetic Transformation. <i>World Applied Sciences Journal</i> , 8 (4): 400–403, ISSN:1818-4952,(IF-0.5).	0.5

Resource persons in various capacities

National Conferences : -
International Conferences : -

Invited Lectures : 5