



Dr. V. BALASUBRAMANIAN
Assistant Professor

Contact

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Academic Qualifications: M.Sc., Ph.D.

Teaching Experience: 02 Years

Research Experience: 09 Years

Additional Responsibilities

1. Coordinator – VVP Programme
2. Coordinator- Student Seminar Club
3. Coordinator – Swachh Bharath
4. Member – Question Paper Setter, MSc., Microbiology, Bharathidasan University, Tiruchirappalli-620024, Tamil Nadu, India

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.	-	1

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
5	2	3	3	2

Cumulative Impact Factor (as per JCR) :	4
h-index :	2
i10 index :	1
Total Citations :	21

Funded Research Projects

Ongoing 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

1. **“Science Academies’ Summer Research Fellowship Programme for Students and Teachers 2017”**. Indian Academy of Science, Bengaluru, India
2. Recipient of **Rajiv Gandhi National Fellowship (RGNF)**, University Grants Commission, UGC, New Delhi (13.10.2009 to 29.01.2014).
3. 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 in leading roles

Number of Seminars / Conferences / Workshops / Events organized: **02**

1. **Served as Organizing Committee Member**– National Level Workshop on Gas Chromatography-2016, held on December 2016, organized by Department of Microbiology, Aligappa University, Karaikudi-630003.
2. **Served as Organizing Committee Member**- International Conference on Recent Trends in Microbiology, RTM-2016, held on 21,22 December 2016, Organized by Department of Microbiology, Aligappa University, Karaikudi-630003.

Events Participated (optional)

Conferences/ Seminars / Workshops: **22**

1. International -2
2. National -20

Other Training Programs

1. Participated in One month multi disciplinary Cruise for **“SWATH BATHYMETRIC SURVEY OF LACADIVE REGION IN THE ARABIAN SEA (SKV-275)”** onboard the National Flagship ORV-SAGAR KANYA from 12th August 2010 to 13th September 2010.

Overseas Exposure / Visits

1. 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.

Academic Bodies (such as Board of Studies etc.)

1. **Member** – Board of Study, B.Sc., (**Microbiology and Clinical Lab Technology**), **Dr. Umayal Ramanathan College for Women**, Karaikudi-630003, Tamil Nadu, India
2. **Member** – Question Paper Setter, M.Sc., Microbiology, Bharathidasan University, Tiruchirappalli-620 024, TN, India

Others

1. Sequences submitted in GenBank: 10- **16S rRNA gene sequence**

Recent Publications

1. K. Mathivanan, R. Rajaram, **V. Balasubramanian** and G. Annadurai, (2016), " Removal of Cd(II) and Cu(II) from Aqueous Solutions by *Pseudomonas stutzeri* KMNTT-01 Biomass. Environ. Process, DOI 10.1007/s40710-016-0193-8.
2. **V. Balasubramanian**, R. Rajaram and P. Rajesh (2015) Antifouling Potentials of Mangrove *Rhizophora apiculata* against *Vibrio alginolyticus* strain VBM-01. Indian Journal of Geo-Marine Science, 44(10) 1654-1661.(**IF-0.5**)
3. Mathivanan, K., R. Rajaram and **V., Balasubramanian** (2015) Biosorption of Cd(II) and Cu(II) ions using *Lysinibacillus fusiformis* KMNTT-10: equilibrium and kinetic studies, Desalination and Water Treatment, DOI: 10.1080/19443994.2015.1129508.(**IF-1.2**)