



**Dr. V. BALASUBRAMANIAN**  
**Assistant Professor**

### Contact

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

**Teaching Experience: 01 Year**

**Research Experience: 08Years**

### Additional Responsibilities

1. Coordinator - VVP Programme
2. Member - Question Paper Setting in MSc., Microbiology, Bharathidasan University
3. Coordinator- Student Seminar Club

## Areas of Research

1. Screening of Novel Antibiotics from marine organisms
2. Marine Biofilm and Biofouling Control Strategies
3. Microbial Ecology
4. Ocean Microbial Metagenomics
5. Small Protein – Ligand Interactions
6. Heavy Metal Bioremediation

## Publications

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

<b>Cumulative Impact Factor (as per JCR) :</b>	<b>4</b>
<b>h-index</b>	<b>: 2</b>
<b>i10 index</b>	<b>: 1</b>
<b>Total Citations</b>	<b>: 17</b>

## Distinctive Achievements / Awards

1. Recipient of Rajiv Gandhi National Fellowship (RGNF), University Grants Commission, UGC, New Delhi (13.10.2009 to 29.01.2014)
2. 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:

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

### Conferences / Seminars / Workshops: 20

1. International -2
2. National – 18

### 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 12<sup>th</sup> August 2010 to 13<sup>th</sup> 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.

## 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)