



**Dr. R. Srinivasan**  
Teaching Assistant

### Contact

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### Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D.	Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University	2015	Marine Biology	Awarded
M.Phil.	A.V.V.M. Sri Pushpam College, Bharathidasan University	2008	Microbiology	Distinction
M.Sc.	A.V.V.M. Sri Pushpam College, Bharathidasan University	2007	Microbiology	Distinction
B.Sc.	A.V.V.M. Sri Pushpam College, Bharathidasan University	2005	Botany	Second

### Teaching Experience : 7.4 Years

Position	Institution / University	Duration	
		From	To
Teaching Assistant	Department of Fisheries Science, School of Marine Science, Alagappa University, Karaikudi-630 003. Tamil Nadu, India	July-2018	Till date

## Research Experience : 9.9 Years

Position	Institution / University	Duration
Teaching Assistant	Department of Fisheries Science, School of Marine Science, Alagappa University, Karaikudi-630 003. Tamil Nadu, India	July 2018 to till date
Project Fellow	Department of Science and Technology- Promotion of University Research and Scientific Excellence ( <b>DST-PURSE</b> ) Sponsored Research Project Government of India, New Delhi, at the Dept. of Oceanography & Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus -623 409.	01.09.2011 to 31.03.2014

## Academic and Additional Responsibilities

S.No.	Position	University Bodies	Period	
			From	To
<b>Department Level</b>				
1.	Coordinator	Department Freshwater Aquaculture pond (Percolation Tank)	2018	Till date
2.	Coordinator	Alumni	2018	Till date
3.	Coordinator	National Service Scheme (NSS)	2018	Till date
4.	Coordinator	Placement Cell	2018	Till date
5.	Coordinator	Non Major Elective (NME)	2018	Till date
6.	Coordinator	Aquarium maintenance	2020	Till date
7.	Coordinator	University Management and Information System (UMIS- Portal)	2022	Till date
8.	Coordinator	Field Visits	2025	Till date
9.	Coordinator	Village Extension Programme	2018	2022

## Areas of Research

- ❖ Freshwater Aquaculture
- ❖ Marine Microbiology
- ❖ Hydrobiological parameters
- ❖ Marine Pollution
- ❖ Biosynthesis and application of nanoparticles
- ❖ Biofertilizers

Research Supervision/Guidance		Completed	Ongoing
Program of Study			
Project	PG	12	3

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/ Monographs/Manuals
16	5	4	4	2

Cumulative Impact Factor (as per JCR)	22.37	
	Scopus	Google Scholar
h-index	2	11
i10 index	-	12
Total Citations	38	445

## Distinctive Achievements / Awards

- 1. Best Poster Presentation Senior Award** at “International Conference on Blue Economy-2025” organized by School of Marine Science, Department of Oceanography and Coastal Area Studies, Alagappa University, Satellite Campus, Thondi, Tamilnadu, on 20-22 January, 2025.
- 2. Best Young Faculty Award** for the year of 2024 by DK International Research Foundation, Perambalur, Tamilnadu.
- 3. Project Fellow** (01.09.2011- 31.03.2014) in the DST-PURSE Sponsored Research Project Government of India, New Delhi, at the Dept. of Oceanography & Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus -623 409.

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

S.No.	Position	Programme	Duration	Institution
1.	Organizing Member	3 <sup>rd</sup> National Seminar on Next Generation Technology for Sustainable Fisheries	18 <sup>th</sup> and 19 <sup>th</sup> March 2024.	Department of Fisheries Science and Centre for Distance & Online Education, Alagappa University.
2.	Organizing Member	SWACHHATA PAKHWADA 2023	1 <sup>st</sup> -15 <sup>th</sup> September	Centre for SWACHH BHARAT & SWASTH BHARAT (UGC SCHEME) and Alagappa University, Karaikudi.
3.	Organizing Member	2 <sup>nd</sup> National Seminar on Next Generation Technology for Sustainable Fisheries	29 <sup>th</sup> and 30 <sup>th</sup> March 2022.	Department of Fisheries Science and Department of Animal Health and Management, Alagappa

				University.
4.	Organizing Member	Next generation for sustainable fisheries	21 <sup>st</sup> November 2020	Department of Fisheries Science and Department of Animal Health and Management, Alagappa University, Karaikudi.
5.	Organizing Member	Development of knowledge in Fisheries Sciences- Fish for all Forever	22 <sup>nd</sup> to 26 <sup>th</sup> March 2020	Department of Fisheries Science and Department of Animal Health and Management, Alagappa University, Karaikudi.

## Events Participated

Number of Conferences/Seminars/Workshops: 40, Webinar: 20

## List of Research Articles / Recent Publications

S. No.	Authors/Title of the paper/Journal	Impact Factor
1.	Mathivanan Krishnamurthy, Jayaraman Uthaya Chandirika, <b>Rajendran Srinivasan</b> , Partheeban Emmanuel Charles, Rajendran Rajaram and Ruiyong Zhang. 2023. "Exopolymeric substances production by <i>Bacillus cereus</i> KMS3-1 enhanced its biosorption efficiency in removing Cd <sup>2+</sup> and Pb <sup>2+</sup> in single and binary metal mixtures". <i>Environmental Research</i> . 228 (115917) 1-10. (ISSN: 1096-0953; Elsevier- United States).	7.7
2.	<b>Rajendran Srinivasan</b> , Krishnamurthy Mathivanan, Rasiravathanahalli Kaveriyappan Govindarajan, Jayaraman Uthaya Chandirika and Chinnavenkataraman Govindasamy 2022. "Extracellular synthesis of silver nanoparticles by bioluminescent bacteria: characterization and evaluation of its antibacterial and antioxidant properties". <i>International Nano Letters</i> . 12(2): 169-177. (ISSN: 2228-5326; Springer -United States).	3.7
3.	Govindarajan Rasiravathanahalli Kaveriyappan, Mathivanan Krishnamurthy, Khanongnuch Chartchai, <b>Rajendran Srinivasan</b> , Kridsada Unban, Arulanandam Charli Deepak, Dunia A. Al Farraj, Khaloud Mohammed Alarjani, Fatmah S. Al. Qahtany. 2021. "Tannin acyl-hydrolase production by <i>Bacillus subtilis</i> KMS2-2: Purification, characterization, and cytotoxicity studies". <i>Journal of King Saud University - Science</i> . 33 (3):1-9. (ISSN: 1018-3647; Elsevier- Saudi Arabia).	3.81
4.	K. Mathivanan, R. Selva a, J. Uthaya Chandirika, R.K. Govindaraja, <b>R. Srinivasan</b> , G. Annadurai and Pham Anh Duc. 2019. "Biologically synthesized silver nanoparticles against pathogenic bacteria: Synthesis, calcination and characterization". <i>Biocatalysis and Agricultural Biotechnology</i> . 22:1-7. (ISSN: 1878-8181; Elsevier-United States).	4
5.	<b>Rajendran Srinivasan</b> , Chinnavenkataraman Govindasamy. 2014. "Influence of native arbuscular mycorrhizal fungi on growth, nutrition and phytochemical constituents of <i>Catharanthus roseus</i> (L.) G. Don". <i>Journal of Coastal Life</i>	-

	<i>Medicine</i> . 2(1): 31-37. (ISSN 2309-5288; China).	
6.	Govindasamy, C., K. Anantharaj, <b>R. Srinivasan</b> and K. Gavaskar. 2013. "Epiphytic Cyanobacteria Linked on Molluscs in Palk Strait, Tamilnadu, India". <i>Middle-East Journal of Scientific Research</i> . 17(6): 693-696. (ISSN 1990-9233; IDOSI-Dubai).	-
7.	Govindasamy, C., M. Arulpriya, K. Anantharaj, P. Ruban and <b>R. Srinivasan</b> . 2013. "Seasonal variations in seagrass biomass and productivity in Palk Bay, Bay of Bengal, India". <i>International Journal of Biodiversity and Conservation</i> . 5(7): 408-417. (ISSN: 2141-243X; Academic Journals-Nigeria).	-
8.	Chinnavenkataraman Govindasamy and <b>Rajendran Srinivasan</b> . 2012. "In vitro antibacterial activity and phytochemical analysis of <i>Cathranthus roseus</i> (Linn.) G. Don." <i>Asian Pacific Journal of Tropical Biomedicine</i> . S155-158. (ISSN: 2221-1691; Elsevier-China).	1.58
9.	<b>Rajendran Srinivasan</b> , Govindarasu Ganapathyselvam, Sakthivel Karthik, Krishnamurthy Mathivanan, Ramaiya Baskaran, Mariappan Karthikeyan, Muchukathan Gopi, and Chinnavenkataraman Govindasamy. 2012. "Invitro antimicrobial activity of <i>Caesalipinia sappan</i> L". <i>Asian Pacific Journal of Tropical Biomedicine</i> . S136-139. (ISSN: 2221-1691; Elsevier-China).	1.58
10.	Chinnavenkataraman Govindasamy and <b>Rajendran Srinivasan</b> . 2012. "Association of bioluminescent bacteria from blue swimmer crab <i>Portunus pelagicus</i> (Linnaeus, 1758)". <i>Asian Pacific Journal of Tropical Disease</i> . S699-S702. (ISSN: 2222-1808; Elsevier-China).	-
11.	Krishnasamy Karthikeyan, Gandhi Siddhar Selvam, <b>Rajendran Srinivasan</b> , Chidambaram Chandran and Subramaniyan Kulothungan. 2012. "In vitro antibacterial activity of <i>Desmodium gangeticum</i> (L.) DG". <i>Asian Pacific Journal of Tropical Disease</i> . S421-S424. (ISSN: 2222-1808; Elsevier-China).	-
12.	Govindasamy, G., V. Vanniyathan, <b>R. Srinivasan</b> and K. Anantharaj. 2012. "Present status of hydrographical variables of the Amirthi River in Amirthi forest, Vellore". <i>Research &amp; Review: Journal of Ecology</i> . 2(2): 9-15. (ISSN: 2278-2230).	-
13.	Govindasamy, C., <b>R. Srinivasan</b> , G. Ganapathy Selvam, K. Anantharaj and K. Krishnaveni. 2012. "Nutritive evaluation and growth rate of <i>Artemia parthenogenetica</i> ". <i>Research &amp; Review: Journal of Ecology</i> . 2(2): 1-8. (ISSN: 2278-2230).	-
14.	Govindarajan, R.K., K. Mathivanan, <b>R. Srinivasan</b> , J. Indira Priyadharsini and R. Rajaram. 2012. "Investigation of anthropogenic influences on aquatic ecosystems quality along the Cuddalore coastal area, Southeast Coast of Tamilnadu, India". <i>Global Journal of Environmental Research</i> . 6(1): 45-50. (ISSN: 1990-925X; IDOSI-Dubai).	-
15.	<b>Srinivasan, R.</b> , G. Ganapathy Selvam, K. Karthikeyan, C. Chandran, S. Kulothungan and C. Govindasamy. 2012. "In vitro propagation of shoot and callus culture of <i>Tectona grandis</i> (L.)". <i>Global Journal of Biotechnology &amp; Biochemistry</i> . 7(1): 26-29. (ISSN: 2078-466X; IDOSI-Dubai).	-
16.	Govindasamy, C., <b>R. Srinivasan</b> , K. Anantharaj, P. Ruban, M. Arulpriya and M. Sudha. 2012. "Nutritive evaluation in Indian white shrimp ( <i>Fenneropnaeus indicus</i> ) fed with different feed". <i>Elixir Aquaculture</i> . 45: 7728-7732. (ISSN: 2229-712X).	-

17.	Govindasamy, C., P. Ruban, M. Arulpriya, <b>R. Srinivasan</b> and N. Meena. 2011. "Biochemical characterization of total heterotrophic bacteria (THB) in Muthukuda mangroves, southeast coast of India". <i>African Journal of Basic &amp; Applied Sciences</i> . 3(6): 285-289. (ISSN: 2079-2034; IDOSI-Dubai).	-
18.	<b>Srinivasan R</b> , Ganapathy selvam G, Gobi M, Karthikeyan M, Baskaran R, Mathivanan K and Govindasamy C. 2011. "RAPD profiling assessment of genetic diversity on <i>Tectona grandis</i> ". <i>International Journal of Current Research</i> . 3(11): 041-044. (ISSN: 0975-833X).	-
19.	Govindasamy, C., S. Narayani, M. Arulpriya, P. Ruban, K. Anantharaj and <b>R. Srinivasan</b> . 2011. "In vitro antimicrobial activities of seaweed extracts against human pathogens". <i>Journal of Pharmacy Research</i> . 4(7): 2076-2077. (ISSN: 0974-6943; Elsevier-India).	-
20.	<b>Srinivasan, R.</b> , S Kulothungan, P Sundararaju and C. Govindasamy. 2011. "Biodiversity of plant parasitic nematodes associated with banana in Thanjavur district of Tamil Nadu". <i>International Journal of Plant, Animal and Environmental Sciences</i> . 1(2): 63-69. (ISSN: 2231-4490).	-

#### List of Research Book /chapter Publications

S. No	Authors/Title of the paper/ Book Chapter
1.	<b>Srinivasan R</b> , Ganapathy Selvam G and Govindasamy C. 2017. Ecology, Distribution and Diversity of Bioluminescent Bacteria in Palk Strait, Southeast Coast of India. <i>Biotechnology for Sustainability. Biotechnology for Sustainability Achievements, Challenges and Perspectives</i> , Published by AIMST University, Malaysia. P457-475.(ISBN: 978-967-14475-3-6 (Print version) eISBN: 978-967-14475-2-9 (e-Book version).
2.	Ganapathy Selvam G, <b>Srinivasan R</b> and Sivakumar K. 2017. Synthesis of Biocompatible Silver Nanoparticles Using Green Alga ( <i>Ulva reticulata</i> ) Extract. <i>Biotechnology for Sustainability. Biotechnology for Sustainability Achievements, Challenges and Perspectives</i> , Published by AIMST University, Malaysia. P476-486. (ISBN: 978-967-14475-3-6 (Print version) eISBN: 978-967-14475-2-9 (e-Book version).