

CURRICULUM VITAE

Dr. S. BALAKRISHNAN, M.Sc., M.Phil., Ph.D.

Scientist – D

Marine Aquarium & Regional Centre

Zoological Survey of India

Ministry of Environment, Forest & Climate Change

Government of India

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RESEARCH INTEREST:

- 👉 Taxonomy & identification of marine Polychaetes & Crustaceans
- 👉 Mangrove Ecology & Entomology
- 👉 Taxonomy & Biodiversity of Marine Phytoplankton
- 👉 Biodiversity Conservation
- 👉 Vector control (Macro, Microalgae, Seagrass & Mangrove)
- 👉 Microalgae (Culture technique)
- 👉 Bioactive compounds from marine organisms
- 👉 Statistics (SPSS Package ver. 17.0, PAST ver. 1.89, PRIMER ver. 6.1.11 and Surfer ver. 8.0)

PERSONAL PROFILE:

Date of Birth : 05th June, 1982
Nationality : Indian
Religion : Hindu
Sex : Male
Marital status : Married
Language : Tamil & English
Permanent address : S/O. S. Srinivasan
4/43, O.P. Kovil Street, West Karaiyeruppu,
Thirumarugal – 609 702
Nagapattinam (T.K & DT)
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ACADEMIC CREDENTIALS:

| Examination passed | Institution/University | Subject | Year | % of Marks/ Class |
|--------------------|---|-------------------------------|------|-------------------|
| Ph.D., | CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University | Marine Biology & Oceanography | 2013 | Awarded |
| M.Phil., | CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University | Marine Biology & Oceanography | 2009 | 71.63% |
| M.Sc., | Annamalai University | Zoology | 2007 | 61.45% |
| B.Sc., | Bharathidasan University | Zoology | 2004 | 60.09% |
| H.S.C. | State Board School, Tamil Nadu | Science | 2000 | 50.83% |
| S.S.L.C. | State Board School, Tamil Nadu | General | 1997 | 60.20% |

- 👉 **Ph.D., Thesis:** Studies on the insect diversity of the mangroves of the Vellar estuary, Southeast coast of India.
- 👉 **M.Phil. Thesis:** Studies on Biodiversity in Marine insects from Coromental coast Southeast coast of India.

PRESENT POSITION:

| Period | | Post held | Name of the Institution |
|------------|------------|---|--|
| From | To | | |
| 10.04.2017 | 20.10.2017 | Scientist – D | Marine Aquarium & Regional Centre Zoological Survey of India Ministry of Environment, Forest & Climate Change Government of India Digha – 721428, West Bengal, INDIA |
| 21.10.2017 | onwards | Scientist – D & Officer-in-Charge | Marine Aquarium & Regional Centre Zoological Survey of India Ministry of Environment, Forest & Climate Change Government of India Digha – 721428, West Bengal, INDIA |
| 20.10.2017 | onwards | Officer-in-Charge & Nodal Officer | ICZM Project, MARC, ZSI, Digha |

PROFESSIONAL EXPERIENCE:

| Post held with scale of pay | Name of the Funding Agency | Period of service | | Title of the project |
|--|---|-------------------|------------|--|
| | | From | To | |
| UGC-Postdoctoral Research Awardee ₹. 46,560/- | University Grants Commission, Govt. of India. | 02.03.2015 | 02.03.2017 | “Isolation and Characterization of Bioactive Compounds from Marine Microalgae against Vector Mosquitoes” |
| Junior Research Fellow ₹. 15400/- | INCOIS-OSF, Ministry of Earth Sciences, | 01.07.2014 | 28.02.2015 | “Monitoring and Dissemination of Data |

| | | | | |
|---------------------------------------|--|------------|------------|---|
| | Govt. of India | | | from the Wave Rider Buoy and Compare the Physiochemical Parameters along the Tuticorin Coastal Water” |
| Junior Research Fellow ₹. 14,000/- | INCOIS-SATCORE Ministry of Earth Sciences, Govt. of India | 14.04.2012 | 30.06.2012 | “Ground Truth Studies on Phytoplankton, Chlorophyll, Primary productivity and Hydrographical parameters along Pondicherry-Nagapattinam and Parangipettai Coast” |
| Senior Research Fellow ₹. 14,000/- | ” | 01.04.2010 | 03.03.2012 | ” |
| Junior Research Fellow ₹.12,000/- | ” | 01.02.2008 | 15.07.2009 | ” |

ONBOARD EXPERIENCE:

- ❖ Actively participated in the cruises for the collection of water and plankton samples for nutrient and population analysis in DOD research Vessels, and ORV Sagar Pachimi Vessel, Govt. of India.

INSTRUMENT OPERATION:

- Double Beam UV-Visible absorption Spectrometer and UV-1800 Spectrophotometer (ver. 2.34)
- Rotary evaporator
- HPLC (High-performance liquid chromatography)

RESEARCH EXPERIENCE:

- ☞ Five years research experience in analysis of seawater quality parameters, and collection, identification and culture of marine microalgae (phytoplankton).
- ☞ Two year research experience in bioactive compounds in marine microalgae, macroalgae and marine actinomycetes.

RESEARCH PROJECTS ONGOING:

| S. No. | Title of the Project | Funding Agency | Duration/ Period | Amount in Lakhs |
|--------|--|----------------|---------------------|-----------------|
| 1. | Distribution, Diversity and Taxonomy of the Zooplankton from the Digha Coast, East Coast of India. | ZSI | 3 years (2017-2019) | Nil |

AWARDS RECEIVED:

- ☞ **Best Volunteer Award** has participated & served outstanding contribution in the National workshop on “**Climate Change Impact on the Marine Environment (CCIME 2017)**” held on 2nd & 3rd February 2017, organized by the Department of Marine Science, School of Marine Sciences, Bharathidasan University, Tiruchirappalli – 620 024, Tamil Nadu, India.

- 👍 **UGC-Postdoctoral Research Awardee (2015-17)** entitled “Isolation and Characterization of Bioactive Compounds from Marine Microalgae against Vector Mosquitoes”.
- 👍 **Junior Research Fellow (JRF)** – INCOIS-OSF, Ministry of Earth Sciences, Government of India (1st July 2014 - 28th Feb 2015).
- 👍 **Junior Research Fellow (JRF)** - INCOIS (SATCORE), Ministry of Earth Sciences, Government of India (14th April 2012 – 30th June 2012).
- 👍 **Senior Research Fellow (SRF)** - INCOIS (SATCORE), Ministry of Earth Sciences, Government of India (1st April 2010 – 3rd March 2012).
- 👍 **Junior Research Fellow (JRF)** - INCOIS (SATCORE), Ministry of Earth Sciences, Government of India (1st Feb 2008 – 15th July 2009).

COUNTRY VISITED:

- ✓ Srilanka

MEMBERSHIP IN PROFESSIONAL SOCIETIES/ORGANIZATIONS/INSTITUTIONS:

- ✓ International Society of Zoological Sciences (Member No. 1319-I)
- ✓ Indian Science Congress – Membership No: LSO-SLM-10
- ✓ Reviews in Fish Biology and Fish (Springer)
- ✓ African Journal of Biotechnology (AJB)
- ✓ International Journal of Biodiversity & Conservation (IJBC)
- ✓ Environmental Monitoring and Assessment Journal (EMAJ)
- ✓ African Journal of Agricultural Research (AJAR)
- ✓ Journal of Parasitic Disease (JOPD)
- ✓ Journal of Asia Pacific Biodiversity (JAPB)
- ✓ Journal Coastal Life Medicine (JCLM)
- ✓ Indian Journal of Marine Sciences (IJMS)
- ✓ Journal of Marine Biodiversity Records (JMBR-UK)
- ✓ Journal of Microbiology and Antimicrobials (JMA)
- ✓ Proceeding of the Zoological Society (PZOS)
- ✓ Ocean and Coastal Management (OCMA)
- ✓ Bulletin Environmental Contamination Toxicology (BECT)
- ✓ Human and Ecological Risk Assessment An International Journal
- ✓ Proceedings of the National Academy of Sciences, Biological Sciences (NASB)
- ✓ Ph.D. External Examiner in Bharathidasan University, Tiruchirappalli, Tamil Nadu, India.

PUBLICATIONS (NATIONAL & INTERNATIONAL):

- Total Citations : 186
 - h-index : 7
 - i10-index : 7
 - Total Impact Factor : 15.788
 - SJIF Impact Factor : 15.686
1. Viji, R., N.D. Shrinithiviahshini, **S. Balakrishnan**, R. Chithradevi, M. Sheelamary (2017). Quality assessment of pollution indicators in marine water at critical locations of the Gulf of Mannar Biosphere Reserve, Tuticorin. *Marine Pollution Bulletin*, 126: 236-240 (**3.146**).
 2. Kamalakannan, K., **S. Balakrishnan** and P. Sampathkumar (2017). Petroleum hydrocarbon concentrations in marine sediments along Nagapattinam - Pondicherry coastal waters, Southeast coast of India. *Marine Pollution Bulletin*, 117: 492 – 495 (**3.146**).

3. **Balakrishnan, S., M. Srinivasan, P. Santhanam** (2016). Insect fauna of Pitchavaram and Parangipettai mangroves of Southeast coast of India. *Proceedings of the Zoological Society* (Springer) Online first (DOI: 10.1007/s12595-016-0182-y).
4. **Balakrishnan, S, P. Santhanam, M. Srinivasan** (2016). Larvicidal potency of marine actinobacteria isolated from mangrove environment against *Aedes aegypti* and *Anopheles stephensi*. *Journal of Parasitic Diseases* (Springer), 41(2): 387–394. DOI 10.1007/s12639-016-0812-3.
5. **Balakrishnan, S, M. Srinivasan, P. Santhanam** (2016). Interactions of nutrients, plant growth and herbivory in a Parangipettai mangrove ecosystem of the Vellar estuary, Southeast coast of India. *Regional Studies on Marine Sciences* (Elsevier), 5: 19-26, doi:10.1016/j.rsma.2016.01.001 **(IF 0.608)**.
6. **Balakrishnan, S., G. Chelladurai, J. Mohanraj, J. Poongodi** (2015). Seasonal variations in physico-chemical characteristics of Tuticorin coastal waters, southeast coast of India. *Applied Water Science* (Springer). DOI 10.1007/s13201-015-0363-2 **Cited: 1**.
7. Mohanraj, J., G. Chelladurai, **S. Balakrishnan** and I. Vijaya Kuamr (2015). Gulf of Mannar Island coral reef associated gastropods assemblages: Distribution and diversity pattern. *Journal of Coastal Life Medicine* (Elsevier), 3(9): 691-695. doi: 10.12980/JCLM.3.2015JCLM-2015-0023 **Cited: 1**.
8. Chelladurai, G., **S. Balakrishnan**, G. Jayanthi, K.K. Ajeesh Kumar and J. Mohanraj (2015). Report on the occurrence of abnormal four-armed red-knobbed starfish *Protoreaster linckii* (Echinodermata: Astroidea), Tuticorin coast, Southeast coast of India. *Marine Biodiversity Records (Marine Biological Association of the United Kingdom)*. 8(e64): 1-4. doi:10.1017/S1755267215000470.
9. Chelladurai, G., **S. Balakrishnan**, G. Rameshkumar and K. Banumathi (2015). New occurrence of parasitic isopod *Argathona* sp. (Stebbing, 1905) from *Epinephelus undulosus* in the Tuticorin coast, Gulf of Mannar region. *Journal of Parasitic Diseases*, 40(4): 1365–1368. DOI: 10.1007/s12639-015-0691-z.
10. Indira, K., N. Jayaprabha, **S. Balakrishnan**, P. Arulmoorthy and M. Srinivasan (2015). Production, Purification and Characterisation of Extracellular L-asparaginase from Salt Marsh Fungal Endophytes. *World Journal of Pharmacy and Pharmaceutical Sciences*, 4(03): 663-677. ISSN 2278 – 4357 **(SJIF IF 5.210)**. **Cited: 5**.
11. **Balakrishnan, S., M. Srinivasan and J. Mohanraj** (2014). Biosynthesis of silver nanoparticles from mangrove plant (*Avicennia marina*) extract and their potential mosquito larvicidal property. *Journal of Parasitic Disease* (Springer). 40(3): 991–996. DOI: 10.1007/s12639-014-0621-5. **Cited: 12**.
12. **Balakrishnan, S., M. Srinivasan and J. Mohanraj** (2014). Diversity of some insect fauna in different coastal habitat of Tamil Nadu, Southeast coast of India. *Journal of Asia Pacific Biodiversity*. 7(2014): 408-414. doi: 10.1016/j.japb.2014.10.010 **(IF 0.39)** **Cited: 5**
13. Jayaprabha, N., **S. Balakrishnan**, S. Purusothaman, K. Indira, M. Srinivasan and P. Anantharaman (2014). Bioaccumulation of heavy metals in flying fishes along southeast coast of India. *International Food Research Journal*, 21(4): 1381-1386. **Cited: 4**.
14. **Balakrishnan, S., K. Indira and M. Srinivasan** (2013). Mosquitocidal properties of *Bacillus* species isolated from mangroves of the Vellar estuary, Southeast coast of India. *Journal of Parasitic Disease*. 39(3): 385-392. doi: 10.1007/s12639-013-0371-9. **Cited: 2**.
15. Chandrasekar, K., M. Srinivasan, **S. Balakrishnan** and Nikhil Whitaker (2013). Growth rates of *Crocodylus porosus* (Saltwater Crocodiles) juveniles in captive condition from Madras Crocodile Bank Trust Centre for Herpetology. *International Journal of Development Research*, 3(12): 029-032. ISSN: 2230-9926 **(IF 4.25)**.

16. Indira, K., **S. Balakrishnan**, M. Srinivasan S. Bragadeeswaran and T. Balasubramanian (2013). Evaluation of *in vitro* antimicrobial property of seaweed (*Halimeda tuna*) from Tuticorin coast, Tamil Nadu, Southeast coast of India. *African Journal of Biotechnology*, 12(3): 284-289. doi: 10.5897/AJB12.014 (**IF 0.565**) **Cited: 5**.
17. **Balakrishnan, S.**, K. Kamalakannan, M. Srinivasan, P. Sampathkumar and K. Thirumalai (2012). A report on the occurrence of the water-strider, *Halobates micans* Eschscholtz, 1822 (Hemiptera: Gerridae) from Nagapattinam coastal waters, Southeast coast of India. *Records of Zoological Survey of India*. 112(1): 99-102 (ISSN 0375-1511).
18. **Balakrishnan, S.**, K.V. Dhaneesh, M. Srinivasan, P. Sampathkumar and T. Balasubramanian (2012). Recurrence of scalloped hammerhead *Sphyrna lewini* from Indian coastal waters. *Marine Biodiversity Records, Marine Biological Association of the United Kingdom*. 5: e79 (3 pages) doi: 10.1017/S1755267212000607.
19. Mahalakshmi, M., **S. Balakrishnan**, K. Indira and M. Srinivasan (2012). Characteristic levels of heavy metals in canned tuna fish. *Journal of Toxicology and Environmental Health Sciences*, 4(2): 43-45. **Cited: 33**.
20. Periyasamy, N, M. Srinivasan and **S. Balakrishnan** (2012). Antimicrobial activities of the tissue extracts of *Babylonia spirata* Linnaeus, 1758 (Mollusca: Gastropoda) from Thazhanguda, Southeast coast of India. *Asian Pacific Journal of Tropical Biomedicine*, (Elsevier), 36-40 (**IF 1.220**) **Cited: 31**.
21. **Balakrishnan, S.**, M. Srinivasan and K. Elumalai (2011). A survey on mosquito diversity in Parangipettai coast, Southeast coast of Tamil Nadu, India. *Journal of Entomology*, 8(3): 259-266. ISSN 1812-5670/doi: 10. 3923. **Cited: 12**.
22. Bobby Ignatius, M. Srinivasan and **S. Balakrishnan** (2011). Reproductive Traits of Sandbird Octopus, *Amphioctopus aegina* (Gray, 1849) from Mandapam Coastal Waters (Palk Bay), Southeast Coast of India. *Ocean Science Journal*, (Springer), 46(3): 145-154 (**IF 0.611**). **Cited: 2**.
23. Bobby Ignatius, M. Srinivasan and **S. Balakrishnan** (2011). Age and growth of Octopus, *Octopus aegina* (Gray, 1849) from Mandapam Coastal Waters (Palk Bay), Southeast coast of India. *Journal of Fisheries and Aquatic Science*, 6(2): 161-169. ISSN 1816-4927/doi: 10. 3923. **Cited: 1**.
24. Periyasamy N, M. Srinivasan K. Devanathan and **S. Balakrishnan** (2011). Nutritional value of gastropod *Babylonia spirata* (Linnaeus, 1758) from Thazhanguda, Southeast coast of India. *Asian Pacific Journal of Tropical Biomedicine* (Elsevier), S249-S252 (**IF 1.220**) **Cited: 19**.
25. Mahalakshmi, M., M. Srinivasan, M. Murugan, **S. Balakrishnan** and K. Devanathan (2011). Isolation and identification of Total Heterotrophic Bacteria and human pathogens in water and sediment from Cuddalore fishing Harbour after the Tsunami. *Asian Journal of Biological Science*, 4(2): 148-156. ISSN 1996-3351/ doi: 10. 3923. **Cited: 15**.
26. **Balakrishnan, S.**, M. Srinivasan, K. Kamalakannan and P. Sampathkumar (2010). Occurrence of the water-boatmen *Trichocorixa verticalis* (Fieber, 1822) Hemiptera: Corixidae from Parangipettai coastal waters in southeast coast of India. *World Journal of Zoology*, 5(3): 153-155. ISSN 1817-3098.
27. Brinda S, M. Srinivasan and **S. Balakrishnan** (2010). Studies on Diversity of fin fish larvae in Vellar estuary, Southeast coast of India. *World Journal of fish and Marine Science*, 2(1): 44-50. **Cited: 30**.
28. Kamalakannan, K., S. Kumaran, **S. Balakrishnan**, C. Thenmozhi, P. Sampathkumar and T. Balasubramanian (2010). Occurrence of *Glaucus atlanticus* and *Glaucus marginata* (Blue

Ocean Slug) from Nagapattinam coastal waters, Southeast coast of India. *International Journal of Current Research*, 5: 071-073 (SJIF IF 6.226) Cited: 2.

29. Devanathan, K, M. Srinivasan and S. Balakrishnan (2010). Studies on the Total Heterotrophic Bacterial Population Density from Uppanar Estuary (Harbour), Cuddalore Coast. *Advances in Biological Research*, 4(2): 139-145 Cited: 2.
30. Srinivasan, M, M.A. Badhul Haq, G. Yogaraj and S. Balakrishnan (2008). Proceeding of the International workshop on “Gulf of Mannar Biosphere Reserve: An ecological model for biodiversity conservation live hood and sustainability-2008. Research paper entitle: Grouper fish biodiversity in Gulf of Mannar Biosphere Reserve. 93-110.

ACCEPTED PAPERS:

1. Balakrishnan, S., P. Santhanam, J.S. Yogesh Kumar, Prasad Chandra Tudua and Anil Mohapatra (2017). Mutualistic interactions of polychaete, barnacles, mollusca and sea anemone with hermit crab. *Indian Journal of Geo-Marine Sciences IJMS/MS* 3701/18 (IF 0.316).
2. Balakrishnan, S., P. Santhanam and M. Srinivasan (2017). Element concentrations in marine macroalgae of Tuticorin coastal waters, Southeast coast of India. *Indian Journal of Geo-Marine Sciences IJMS/MS* 33-17(IF 0.316).
3. Balakrishnan, S., P. Santhanam, S. Jeyanthi, M. Divya and M. Srinivasan (2016). Preliminary checklist of hypersaline microalgae collected from different salt pans of Tuticorin, Southeast coast of India. *Proceedings of the Zoological Society* (Springer).

COMMUNICATED PAPERS:

1. Balakrishnan, S., P. Santhanam, N. Manickam and M. Srinivasan (2017). A method of Bio-efficacy Potential of Zooplankton (Copepod) for the Control of Vector Mosquitoes. Basic and Applied Zooplankton Biology (Springer Publisher).
2. Balakrishnan, S., P. Santhanam, N. Manickam and M. Srinivasan (2017). A Method of Bio-Efficacy Potential of Microalgae (Phytoplankton) for the Control of Vector Mosquitoes. Basic and Applied Phytoplankton Biology (Springer Publisher).

BOOK:

- ✓ Srinivasan, M. and S. Balakrishnan (2010). An Awareness Booklet on Marine Resources for School Children - Tamil (MoE & F- ENVIS Annamalai University, Publication). 2: 32pp.

GENE BANK SEQUENCE SUBMITTED:

1. Indira, K., S. Balakrishnan, M. Srinivasan, V. Karuppiyah, C. Aarthi and T. Balasubramanian (2012). Molecular identification of endophytic fungi from salt marsh plant *Aspergillus terreus* (GenBank JQ766524).
2. Indira, K., S. Balakrishnan, M. Srinivasan and T. Balasubramanian. (2012). Molecular identification of endophytic fungi from salt marsh plant *Penicillium chrysogenum* (GenBank JQ766525).
3. Indira, K., S. Balakrishnan, M. Srinivasan and T. Balasubramanian. (2012). Molecular identification of endophytic fungi from salt marsh plant *Meyerozyma guilliermondii* (*Pichia guilliermondii*) (GenBank JQ766526).
4. Kamalakannan, K., S. Kumaran, S. Balakrishnan, P. Karthikeyan and P. Sampathkumar (2010). Hydrocarbon degrading isolated bacterial strain (GenBank HM641051).

CONFERENCES/WORKSHOPS/SEMINARS/SYMPOSIUMS/TRAININGS ORGANISED:

1. Co-organized the “Fifth training programme on Integrated Coastal Zone Management for Community People” during 16-20th July, 2017 at Marine Aquarium & Regional Centre, Zoological Survey of India, Ministry of Environment, Forest & Climate Change, Digha-721 428, West Bengal.

2. Co-organized the “Fifth training programme on Integrated Coastal Zone Management for State Government Officials” during 06-10th October, 2017 at Marine Aquarium & Regional Centre, Zoological Survey of India, Ministry of Environment, Forest & Climate Change, Digha-721 428, West Bengal.

SEMINAR AND CONFERENCE:

- **Fourth Indian Biodiversity Congress Organized (IBC 2017)** by Pondicherry University held on 10th & 12th March 2017 at Pondicherry University, Puducherry. Balakrishnan, S., M. Srinivasan, J. Mohanraj and P. Santhanam (2017). Diversity of Some Insect Fauna in Different Coastal Habitats of Tamil Nadu, Southeast Coast of India. 39p.
- Proceeding of the **104th Indian Science Congress Association, 2017**. Balakrishnan, S., M. Srinivasan and P. Santhanam (2017) has participated and poster presented a research paper entitle: “Interactions of nutrients, plant growth and herbivory in a Parangipettai mangrove ecosystem of the Vellar estuary, Southeast coast of India” section of Environmental Science. Sri Venkateswara University, Tirupati, from January, 3-7, 2017, 175pp.
- University Grants Commission sponsored National Seminar on “**Environmental Challenges to Climate Change (EC³-2016)**”. Organized by Post Graduate Department of Zoology, Jamal Mohamed College (Auto), Tiruchirappalli – 620 020, Tamil Nadu, India to participated on 14th October 2016.
- National Conference on “**New Trends in Biomedical and Pharmaceuticals Application of Marine Natural Products (NCMNP-2016)**”. Organized by Centre for Ocean Research, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai – 600 119, Tamil Nadu, India, to be held on 10-11th August 2016. S. Balakrishnan, P. Santhanam, and M. Srinivasan “Bio-efficacy potential of halophilic microalgae and cyclopoid copepod on the control of malaria larvae and dengue vector- A laboratory and field investigation”.
- National Conference on “**Trends in Healthcare and Biotechnology: Opportunities and Challenges (THBOC-2016)**”. Organized by PG & Research Department of Zoology and Biotechnology held on 22nd & 23rd January 2016 at A.V.V.M. Sri Pushpam College (Auto), Poondi – 613 503, Thanjavur (DT), Tamil Nadu. Balakrishnan, S., M. Srinivasan and P. Santhanam (2016). Larvicidal potency of marine actinobacteria isolated from mangrove environment against *Aedes aegypti* and *Anopheles stephensi*.
- State level seminar on “**Sensitive Coastal Ecosystems**” held on 11th December, 2015 at Department of Oceanography & Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus – 623 409, Tamil Nadu, India.
- **National Symposium on Current Advances in Immunology Research** paper presented at CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University – 608 502, Tamil Nadu, India, to be held on 7-8th August 2015. S. Balakrishnan, T. Veeramani, N. Manickam, P. Santhanam and M. Srinivasan (2015). Immunological properties of marine microalgae: An overview. 26-27.
- Proceeding of the **100th Indian Science Congress Association, 2013**. Balakrishnan, S., K. Indira, M. Srinivasan, P. Sampathkumar and T. Balasubramanian (2013) have participated poster presented a research paper entitle: “Mosquitocidal properties of *Bacillus* species isolated from mangroves of the Vellar estuary, Southeast coast of India” section of Environmental Science. Calcutta University, Kolkata, from January, 3 – 7, 2013, 175pp.
- **INCOIS funded PFZ and SATCORE projects on Coastal Ocean Colour: A Perspective for Satellite Applications in the Indian Context** organized by INCOIS and Dept. of Marine Sciences, Goa University March 19th – 21st 2012. Balakrishnan, S., R. Sankar, K. Kamalakannan, A. Arokiasundharam, T. Lenin, P. Sampathkumar and

T. Balasubramanian (2012). Inter-relationship between phytoplankton population and physico-chemical parameters along Pondicherry-Nagapattinam coastal waters, Southeast coast of India. 20-21.

- Proceeding of the **99th Indian Science Congress Association, 2012**. Balakrishnan, S., M. Srinivasan, P. Sampathkumar and T. Balasubramanian (2012). Insects herbivory on mangrove leaves in Parangipettai mangrove environment: effects on biomass and mineral content in the section of Environmental Science (Sub section: Ecology, Ecosystem & Biodiversity). KiiT University, Bhubaneswar, from January, 3 – 7, 2012, 154pp.
- **“Sixteenth International Forestry and Environment Symposium 2011”** has participated and presented a paper at Department of Forestry and Environmental Science, University of Sri Jayewardenepura, Sri Lanka on 28-29th October 2011. Balakrishnan, S., M. Srinivasan, P. Sampathkumar and T. Balasubramanian (2011). Entomofauna diversity in the mangrove environment of Southeast coast of India. 33pp.
- **International Symposium on Environmental Risk Assessment 2011 (ISERA 2011)** scheduled to be held on October 17 – 19, 2011. Balakrishnan, S., K. Indira, M. Srinivasan, P. Sampathkumar and T. Balasubramanian (2011). Assessment of heavy metals in different seaweeds in the Tuticorin coast, Southeast coast of India.” Organized by Unit of Toxicology, Dept. of Zoology, School of Life Sciences, Bharathiyar University, Coimbatore. 64pp.
- The **98th Indian Science Congress Association, 2011** has participated and paper presented a research paper entitle: Insects diversity from the coastal environment along Tamil Nadu Southeast coast of India in the section of Environmental Science. SRM University, Chennai, from January, 3 – 7, 2011.
- International Symposium on **“Cardiovascular Disease Prevention”** Participated at Faculty of Medicine and Marine Science, Annamalai University, Annamalai Nagar, Tamil Nadu, India on 21st & 22nd February, 2011.
- Proceeding of the **97th Indian Science Congress, 2010** has participated and paper presented, Balakrishnan, S. and M. Srinivasan (2010). Insects diversity from the coastal environment along Tamil Nadu Southeast coast of India in the section of Environmental Science. University of Kerala, Thiruvananthapuram, from January, 3 – 7, 2010, 285pp.
- National Symposium on **Climate Change and Marine Biodiversity (CCMB - 2010)**. Participated at Faculty of Marine Science, Annamalai University – 608 502, Tamil Nadu, India on 26th February, 2010.
- National Conference on Aggrandize of Life Science – 2010. Balakrishnan, S., M. Srinivasan and K. Elumalai (2010). Diversity of mosquitoes in Parangipettai coastal environment southeast coast of India. Dept. of Zoology, Annamalai University, Annamalai Nagar, from 29-30th March, 2010, 119pp.
- International Congress of Global Warming on Biodiversity of Insects Management and Conservation (GW-BIMC, 09). Balakrishnan, S., and M. Srinivasan (2009). Biodiversity of marine insects from Coramandal coast. Dept. of Zoology, School of Life Science, Bharathiar University, Coimbatore - 641 046, 29pp.
- **National Children’s Science Congress – 2009 Tamil Nadu**. Krishnansamy Memorial Mat. Hr. Sec. School, Cuddalore. On 31.10.2009.
- **UGC National Seminar on Current Trends in Environment and Biosaffty – SCEB – 2008** Srinivasan, M., S. Brindha and S. Balakrishnan (2008). Finfish larval diversity from Vellar estuary. Dept. of Zoology Annamalai University, Annamalai Nagar. 83pp.
- **National Seminar on Recent Trends in Aquaculture practices Towards Technological empowerment of Aquaculture farmers Live Aqua – 2008**. Srinivasan, M. and S.


Balakrishnan (2008). Recent Scenario of Shrimp farming in Tamil Nadu. Dept. of Zoology, School of Life Science, Bharathiar University, Coimbatore, 61pp.

- Attended in the **“Kayakalpa Courses”** at Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai - 608 502 on 16th April, 2008.

WORKSHOP/TRAINING PROGRAMMES:

- Training programme on **“Advances in Wildlife Research and Conservation”** organized by the Wildlife Institute of India, Dehradun, India during August 10-14, 2017.
- National workshop on **“Climate Change Impact on the Marine Environment (CCIME 2017)”** sponsored by BDU, DST & DBT, Govt. of India and organized by Department of Marine Science, Bharathidasan University, Tiruchirappalli – 620 024, Tamil Nadu, India from 2nd & 3rd February 2017.
- National workshop on **“Data Science Research – Biological Data Management”** sponsored by Department of Science & Technology, Govt. of India and organized by Centre for Biodiversity Informatics, Dept. of Botany, Jamal Mohamed College, Tiruchirappalli – 620 020, Tamil Nadu, India from 23rd – 25th January 2017.
- Training programme on **“Identification of Marine Plankton”** sponsored by University Grants Commission (UGC) 12th plan, New Delhi held at Centre of Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai – 608 502, Tamil Nadu, India during 20-21st October 2016.
- National Science Academies Education Programme Lecture workshop on **“Science Academies Lecture Workshop on Biodiversity and Biotechnology”** organized by PG & Research Department of Biotechnology, Srimad Andavan Arts & Science College (Auto), Tiruchirappalli – 620 005, Tamil Nadu, India during 6 & 7th October, 2016.
- National Science Academies Education Programme Lecture workshop on **“Biotechnology, on Current Developments in Biology, Biotechnology & Evolution – Bioevolve - 2016”** organized by Department of Biotechnology, Cauvery College for Women, Annamalai Nagar, Tiruchirappalli - 620 018, Tamil Nadu, India during 26-28th September, 2016.
- Science Academies Lecture workshop on **“Advance in microalgal research & its relevance to climate change”** organized by Centre for Climate Change studies at Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai – 600 119 during July, 21st – 22nd, 2016.
- Workshop and Training programme on **“Shrimp Culture Techniques”** sponsored by Ministry of Human Resource Development (MHRD), New Delhi held at Centre of Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai, Tamil Nadu, India during 22nd March 2016.
- Workshop and Training programme on **“Microalgae Culture for Large Scale Production”** sponsored by Ministry of Human Resource Development (MHRD), New Delhi held at Centre of Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai, Tamil Nadu, India during 4th March 2016.
- National workshop cum training on **“Toxic Heavy Metals in Environmental and Seafood samples using AAS” (THEMES - 2016)** 03-05, February 2016 organized by Department of Marine Science, Bharathidasan University, Tiruchirappalli – 620 024.
- Workshop on **DNA Bar-coding of Marine life** (Creating Biological Directory of Earth’s species) March, 30-31, 2009, CAS in Marine Biology, Annamalai University, Parangipettai, 608 502.
- International workshop on “Biodiversity Day” **Invasive Alien species** 22nd May 2009. Dept. of Agronomy, Annamalai University, Annamalai Nagar.

- Workshop on “**Entrepreneurship development programme for biological students**” September, 23–25, 2009, Post graduate and research department of advanced zoology and biotechnology, Govt Arts college for Men (Autonomous) Nandanam, Chennai – 600 035.
- Workshop on **Design and Analysis of Experiments (Response Surface Methodology)** 9th October, 2009, CAS in Marine Biology, Annamalai University, Parangipettai, 608 502.
- “**Training on Marine ornamental fish culture**” August 17–21, 2010 held at the Centre of Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai – 608 502.
- Attended training for 10 days on the short course “**Introduction to Biosystematics of Insects, Mites, Spiders and their Biodiversity**” conducted by the National Bureau of Agriculturally Important Insects (NBAIL) under Dr. K. Veenakumari, NBAIL, Bangalore from 14.11.2011 to 23.11.2011.
- Review meetings for INCOIS funded PFZ and SATCORE projects and workshop on Coastal Ocean Colour: A Perspective for Satellite Applications in the Indian Context organized by INCOIS and Dept. of Marine Sciences, Goa University March 19th – 21st 2012.
- “**Training Course for the Trainers & Operators on Ocean State Forecast Services (OSF)**” during November 26 - 27th 2014. Organized by International Training Centre for Operational Oceanography (ITCOcean), Earth System Science Organization (ESSO) - Indian National Centre for Ocean Information Services (INCOIS), Hyderabad, India.

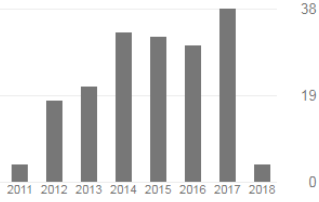


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Co-authors [EDIT](#)

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