

Curriculum vitae

Dr. RAGHURAMAN. R

Ph.D. in Marine Microbiology

(CAS in Marine Biology, Faculty of Marine Science, Annamalai University, Portonova, India)

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ACADEMICS AND RESEARCH:

| QUALIFICATION | YEAR | BOARD/UNIVERSITY / INSTITUTE | SUBJECTS | CLASS/ DIVISION | % OF MARKS |
|----------------------|-------------|-------------------------------------|--|------------------------|-------------------|
| Ph.D | 2023 | Annamalai University, Chidambaram | Microbiology (Marine) | Awarded | 8.13 GPA |
| M.Sc. | 2011 | University of Madras, Chennai | Applied Microbiology | First | 68.08 |
| B.Sc. | 2003 | University of Madras, Chennai | Microbiology | First | 61.01 |
| HSC | 2000 | State Board | Tamil,English, physics, Chemistry,Botany ,& Zoology | First | 65.66 |
| SSC / X | 1998 | State Board | Tamil, Sanskrit,English, Maths, Science and Social science | First | 68.16 |

AREAS OF SPECILIZATION / RESEARCH FOCUS:

Marine Microbiology & Biotechnology and Industrial & Agricultural Microbiology

PH.D. THESIS ENTITLED:

“Isolation, Molecular profiling, and Efficacy of Exo polysaccharide from Marine yanobacteria”,
Vellar Estuary, Southeast Coast, India.

M.SC., THESIS ENTITLED:

A study of mode of penetration of wilt pathogen, *Fusarium sacchari* in sugarcane and its bio-chemical changes due to *F.sacchari* infection. And antagonistic efficiency of biocontrol agents.

RESEARCH PAPER PUBLICATIONS:

1. **R. Raghuraman** B. Aiyamperumal, P. Anantharaman. (2021). A new record of *Spirulina subsalsa* (Oersted Ex Gomont, 1892) with molecular profile isolated in Vellar Estuary, Portonovo, South East Coast, Tamil Nadu (India). Acta Ecologica Sinica (Elsevier- Web of Science).<https://doi.org/10.1016/j.chnaes.2021.04.008>.
2. **Raghuraman.R**, B.Aiyamperumal and P.Anantharaman. Functional Groups Characterization Of Exo- Polysaccharides From Marine Cyanobacterium (Anabaena and Nostoc Species), At Vellar Estuary, South East Coast Of India. Adv. Biores. Vol 12 [2] March 2021. 185-191. (Web of Science).
3. **Raghuraman.R**, B.Aiyamperumal and P.Anantharaman (2023). Evaluation of Physico-Chemical Characteristics of the Vellar Estuary, Southeast Coast of India. Gradiva Review Journal (Scopus) (ISSN NO: 0363-8057), Volume 9, Issue 3.
4. Akhila mole.M.A, A. Noorjahan, **R.Raghuraman**, B.Aiyamperumal, P.Anantharaman. Alternate supplemented diets as spent Seaweed on Nile tilapia, *Oreochromi niloticus* performance. Indian Hydrobiology Vol (18).2019. [UGC Journal].

RESEARCH ABSTRACT PUBLICATIONS ON CONFERENCES:

- ❖ “Systematic survey – a tool” for the management of Red Rot disease in Sugar mill command area. – Which Published on “International Symposium on research-Sucrosym’2017, by Indian council of Agricultural research (ICAR).
- ❖ “Screening of parental clones for Red Rot resistance in India”-Published on ISSCT CONGRESS at Thiland’2016.

COMPLETED CERTIFICATE COURSE :

- ✚ Completed the 3 months certificate course on **PARA-TAXONOMY- MARINE BIODIVERSITY (FLORA /FAUNA)**, Conducted by the Ministry of Environment, Govt. of. India from 06.12.2018 to 08.03.2019, at Annamalai University.

TOTAL NO.OF NCBI - ACCESSION NO's:

- ✚ 10 No's (Including Prokaryotes and Eukaryotes)

PROFESSIONAL EXPERIENCES:

- ✚ Assistant Professor, Biotechnology & Microbiology
(National College, Trichy) : From July”2023
- ✚ Research and Development Experiences :10 years
- ✚ Project Experience (RGCA- GOVT OF INDIA) : 01 Year
- ✚ PhD- Research Experiences : 04 years

AWARDS / TRAINING / WORKSHOPS

- ❖ **Awarded Best Paper Award** at National Conference on Conservation of Marine Resources for Sustainable Development under UGC stride (CMRSD- 2022), on August 26&27-2022, held at V.O.C College, Thoothukudi, India.
- ❖ Awarded the Second prize in the ELOCUTION competition on “Fire safety and Health, conducted by Govt. of.Tamilnadu”, India June’ 2015, at **BHEL Trichy**.
- ❖ Hands-on Training on “**Advanced Characterization Techniques**” – **STUTI**, organized by NIT Warangal and Sathyabama Institute of Science and Technology, Chennai, from 26th April to 02nd May’2023.
- ❖ Hands-on Training cum workshops on “**Breeding Enablement Technologies**”, conducted by Barwale Foundation, Hyderabad, India on 13.12.2010 - 17.12.2010.
- ❖ Participated in the workshop on “**Application of Bio-informatics in Biological Data Analysis**”, on March 21&22- 2019 at BHARATHIDASAN UNIVERSITY, India.

- ❖ Participated in the Oral presentation for the “**National Workshop on Biology, Biotechnology and Nano Technology of Algae**”, Dept. of. Botany, in Sep-2018, Madras Christian College, Tambaram, Chennai.
- ❖ Participated the at “**National Conference on Marine Turtles Lakshadweep Island**”, Organized by Govt of India, held on 02 to 04, December, 2019.

AREAS WELL KNOWN:

- ❖ Teaching ability,
- ❖ Research and Documentation ,
- ❖ Oratorical and Presentation skills,
- ❖ Writing skills (Projects proposals & Technical assisting for Thesis writing),
- ❖ Laboratory testing methods-microbial & biochemical applications with maintaining lab quality.

PERSONAL PROFILE:

- ❖ Name : Raghuraman. R
- ❖ Father’s Name : Radhakrishnan.A
- ❖ Date of Birth : 01.06.1982
- ❖ Nationality : Indian
- ❖ Mother’s Tongue : Tamil

DECLARATION

I hereby declare that the above-written particulars are true to the best of my knowledge and belief

Date : 12.07.2023

Place : Trichy

YOURS FAITHFULLY

Dr. R.Raghuraman