

## Dr. M.R. RAJAN

1. Designation : Senior Professor & Head
2. Centre/Department/School : Biology
3. Qualification : M.Sc., M.Phil., M.Ed., Ph.D
4. Experience : Teaching : 32 years  
Research : 36 Years
5. Area of Specialization : Zoology; 1) Aquaculture;  
2) Bionanotechnology; 3) Environment
6. Mobile Number : 9443804627
7. Email ID : mrrrajanbio@gmail.com; mrrrajan1961@yahoo.co.in
8. ORCID ID : <https://orcid.org/0000-0003-1297-1245>
9. Google Scholar ID : [owdMttMAAAAJ](https://scholar.google.com/citations?user=owdMttMAAAAJ)
10. IRINS Link for detailed Profile : [107245](https://www.irins.in/profile/107245)



### 11. Research Guidance :

| Degree | Awarded |                          | Guiding |
|--------|---------|--------------------------|---------|
|        | Total   | For the period 2019-2024 |         |
| Ph.D   | 17      | 8                        | 7       |

### 12. Publications

| S.No. | Category                                      | Total | For the period 2019- 2024 |
|-------|---|-------|---------------------------|
| 1.    | No. of UGC CARE Listed Publications           | 21    | 18                        |
| 2.    | Books Published                               | 1     | -                         |
| 3.    | No. of Chapters in Edited Volume/ Proceedings | 12    | 2                         |

### Select Publications

| S.No. | Title of the Article   | Name of the Journal   | I/N | ISBN/ISSN | Vol.  | Pg.       | Year |
|-------|--|---|-----|-----------|-------|-----------|------|
| 1.    | Incorporation of Nano Selenium in Fish Diet and Assessment of Growth Performance and Biochemical Criteria of <i>Labeorohita</i>  | Journal of Environmental Nanotechnology                             | I   | 2319-5541 | 13(1) | 01-09     | 2024 |
| 2.    | Different quantities of manganese oxide nanoparticles incorporated feed on the growth and haematological traits of common carp <i>Cyprinus carpio</i> var. <i>communis</i> | International Journal of Applied and Natural Science                | I   | 2231-5209 | 15(4) | 1587-1594 | 2023 |
| 3.    | Impact of Different Quantity of Green Synthesized Iron Oxide Nanoparticles on Growth, Enzymatic, Biochemical Changes and Hematology of Zebrafish <i>Danio rerio</i>        | International Journal of Pharmaceutical Sciences and Nanotechnology | I   | 0974-3278 | 14(5) | 5603-5611 | 2021 |
| 4.    | Synthesis, Characterization and Influence of Different Weight of Copper Nanoparticles on Growth, Biochemical characteristics and yield of Black Gram <i>Vigna mungo</i>    | International Journal of Nanotechnology and Nanoscience             | I   | 2397-5547 | 6     | 16-25     | 2020 |
| 5.    | Isolation and Characterization of Bacteria from the Gut of Blue Gourami ( <i>Trichogaster trichopterus</i> ) and its Role on Growth  | Journal of Pure and Applied Microbiology                            | I   |           | 13(4) | 2479-2487 | 2019 |

13. No. of Seminars/ Conferences/Workshops Organized : 4  
14. No. of Presentations in Seminars/ Conferences : 2

**15. Additional Responsibilities**

- Head, Dept. of Biology, GRI
- Member Secretary, Ethical Committee for Research on Human, GRI
- Member, Planning and Monitoring Board, GRI, Gandhigram
- Member, Disciplinary Committee, GRI

**16. Awards / Honours / Recognitions / Achievements:(2019-2024):**

- New Bacteria Isolated and Deposited in GENBANK, USA: 7 Nos
- M.K. University Nominee- Board of Studies in Zoology, VHNSN College, Virudhunagar and G.T.N. Arts College, Dindigul
- Member, Board of Studies in Zoology (PG & UG), Affiliated Colleges, Manonmaniam Sundaranar University, Tirunelveli
- Member, District Level Biodiversity Management Committee, Dindigul
- Reviewer of 16 Journals