

RESUME



1.	Name	Dr. R.RAVICHELVAN			
2.	Designation	Assistant Professor of Zoology Rajah Serfoji Govt. College (Autonomous) Thanjavur – 5.			
3.	Qualification	M.Sc., M.Phil., B.Ed., PGDAC., Ph.D.,			
4.	Age & DOB	50 & 10.04.1975			
5.	Date of first appointment	16.07.2004			
6.	Date of joining in Govt. service	29.07.2015			
7.	Research Experience (years)	20			
8.	Area of Research	AQUACULTURE			
9.	Research Guidance (No)		M. Phil	Ph. D.	M. Sc
		Guided	2	2	26
		Guiding	-	1	02
		Others	-	-	-
10.	Research Papers (No)	25			
11.	Conference Participation	20			
12.	Membership in academic/professional bodies	i) Member in Tamil Nadu Science Club ii) EC-Member in TNGCTA, RSGC- Thanjavur iii) Member in Makkal Sakthi Eyakkam -Thanjavur wing iv) Life Member in Indian Red Cross Society-Thanjavur District Branch			
13.	For Correspondence	Mobile Number	9786181432		
		Mail id	ravichelvan75@gmail.com		
14.	Residential Address	No. 4500, Sakthi illam, Ganesh Nagar Gandarvakottai, Pudukkottai – Dist, Pin: 613 301.			

15. ACADEMIC QUALIFICATION:

Degree	Subject(s)	Name of the Board/ University	Year of Passing	% of Marks	Division/ Class/ Grade
M.Sc	Zoology	Bharathidasan University, Tiruchirappalli	April 2002	73.81%	I st Class
PGDAC	Aquaculture	Bharathidasan University, Tiruchirappalli	April 2002	73.00%	I st Class
M.Phil	Zoology	Bharathidasan University, Tiruchirappalli	February 2005	79.80%	I st Class
Ph.D	Zoology	Bharathidasan University, Tiruchirappalli	December 2011	82.50%	Commented

16. Designation held & Colleges worked after joining Government Collegiate Service:

Designation	Department	College	Date		Grade
			From	To	
Assistant Professor	Zoology	M.R. Govt. College Mannargudi	29.07.2015	13.06.2017	Level - 10
Assistant Professor	Zoology	Rajah Serfoji Govt. College Thanjavur	14.06.2017	28.07.2019	Level - 10
Assistant Professor	Zoology	Rajah Serfoji Govt. College Thanjavur	30.07.2019	28.07.2024	Senior Grade
Assistant Professor	Zoology	Rajah Serfoji Govt. College Thanjavur	29.07.2024	Till Date	Selection Grade

17. Research Experience:

S. No.	Research Work at	Research Topic
1.	Ph.D.	Studies on Pathogenic Bacteria and Fungus of Shrimp <i>Penaeus monodon</i> in Cultured Ponds at Thanjavur District, Tamil Nadu.
2.	M. Phil.	Water quality analysis, Feeding, Growth aspects and Disease control of shrimp <i>Penaeus monodon</i> at Karanguda, Thanjavur – Dist.
3.	M. Sc.	A study on certain Physico-chemical Parameters of Freshwater Fish Pond at Erumputhalai, Thanjavur – Dist.
4.	PGDAC	Hydrological Parameters and on the Feeding management of shrimp culture pond at Sedhubavasadam, Thanjavur – District.

18. Fields of Specification under the Subject / Discipline:

- a) Aquaculture, Vermiculture
- b) Entomology, Invertebrate, Microbiology
- c) Fishery science, Chordate
- d) Environmental biology, Animal Physiology
- e) Toxicology, Animal diversity

19. Details of Orientation and Refresher course completed (year-wise)

Year	Name of the Teacher	Title of the Programme (Orientation and Refresher course completed)	Name of the Institute organized
03.03.2017 TO 30.03.2017	Dr. R.RAVICHELVAN	Orientation Course (Obtained the Grade 'A')	Bharathidasan University- Tiruchirappalli
20.06.2019 TO 03.07.2019	Dr. R.RAVICHELVAN	Refresher Course in Zoology (Obtained A+ Grade)	Bharathiar University Coimbatore
10.11.2021 TO 23.11.2021	Dr. R.RAVICHELVAN	Refresher Course in Biological Sciences (Obtained A+ Grade)	Bharathiar University Coimbatore
10.04.2023 TO 24.04.2023	Dr. R.RAVICHELVAN	Refresher Course in Zoology (Obtained A Grade)	Ramanujan College, University of Delhi
05.11.2025 TO 18.11.2025	Dr. R.RAVICHELVAN	Refresher Course in Biological Sciences (Obtained A+ Grade)	Bharathiar University Coimbatore

20. Research Publication Required Details:

R. RAVICHANDRAN, **R. RAVICHELVAN** and V. AMBIKAPATHY, 2009. Impact of fertilizers on growth and development of earthworm, *Perionyx excavates* under In-situ Vermiculture. *J.Nat.Sci.Tech – Life Sci.Bioinform.* ISSN:0974-9179. Vol. (1): pp 35-37.

R. RAVICHANDRAN, **R.RAVICHELVAN** and V. AMBIKAPATHY, 2009. Vermicompost, Production from Leaf Litter using the epigeic, Exotic earthworm, *Eisenia foetida*. *J.Nat. Sci.Tech – Life Sci.Bioinform.* ISSN: 0974-9179. Vol. (1) pp 54-56.

R. RAVICHELVAN, R.RAVICHANDRAN and A.AMSATH, 2011. Isolation and identification of fungi from infected shrimp *Penaeus monodon* and their antibiotic sensitivity. *J.Ecotoxicol.Environ.Monit.* ISSN: 0971-0965, 21(1):19-24.

R.RAVICHELVAN, R.RAVICHANDRAN and A.AMSATH, 2011. Seasonal variations in Physico - chemical parameters of marine aqua farm at Karanguda, Thanjavur District, Tamil Nadu. *J.Ecotoxicol.Environ.Monit.* ISSN: 0971-0965, 21(1):47-51.

R. RAVICHANDRAN, **R.RAVICHELVAN**, and A.AMSATH, 2011. Effect of sewage water on soil chemical composition. *J.Ecotoxicol.Environ.Monit.* ISSN: 0971-0965, 21(2):131-136.

R. RAVICHELVAN, A.AMSATH, and R.RAVICHANDRAN, 2011. Seasonal variations in Physico-chemical parameters of sea water analysis at Sedhubavasatram region, Thanjavur District, Tamil Nadu. *Proc.Nat.Sem.Emer.Tren.Chal.Aqua.Biotec.* pp: 179-183.

S.Baskar, N.Narasimhan, G.Swamidass Daniel, **R.Ravichelvan**, M.Sukumaran and T.Anandaraj. 2012. Food and feeding habits of *Penaeus monodon* (Fabricius) from Mallipattinam coast in Thanjavur District, Tamil Nadu, India. *Int.Nat.J.Res.Biol.Sci.* ISSN: 2249-9687, 2(4): 170-173.

T. Senthil kumar, A.Amsath, S.S.Jayaraj and **R.Ravichelvan**. 2012. Studies on pathogenic bacteria and Physico-chemical parameters of *Penaeus monodon* culture ponds. ISSN: 0975-6299. *Int.Nat.J.Pharm. Bio Sci.*Vol.3: B-605-609.

N. Narasimhan, P.Maharajothi, **R.Ravichelvan**, M.Sukumaran, K.Rajendran. 2012. Antibiotic susceptibility of fungi isolated from tiger shrimp *Penaeus monodon*. *J.Sci.Trans.Enviro. Technov.* 5(3): 156-158.

S. Baskar, N. Narasimhan, G. Swamidass Daniel, **R.Ravichelvan**, M.Sukumaran and T.Anandaraj. 2012. Seasonal variations in Physico-chemical parameters of river Cauveri, Thanjavur District, Tamil Nadu, India. *Int.Nat.J.Res.Biol.Sci.* ISSN: 2249-9687, 3(1): 8-11.

N. Narasimhan, T.Ravimanickam, M.Sukumaran, **R.Ravichelvan**, R.Ravichandran and D.Madhavan. 2013. Pathogenic bacteria isolated from tiger prawn *Penaeus monodon* in shrimp culture ponds at east coast of Thanjavur District, Tamil Nadu. India. ISSN: 2249-9686. *Int.J.Res.Biol.Sci.* 3(2): 98-101.

N. Narasimhan, P.Maharajothi, **R.Ravichelvan**, M.Sukumaran, R.Ravichandran and R.Rengarajan. 2013. Biochemical studies on protein content in different tissues of selected shrimps *Penaeus monodon* and *Penaeus vannamei*. ISSN: 2320-9577/2320-8585. *Int.J.Pure.Appl.Zool.* Vol. 1(1): 92-96.

J. Roopavathy, M. Sukumaran, R.Rengarajan, **R.Ravichelvan** and N. Narasimhan. 2013. Toxicity of Malathion on metabolic activities in the river Cauvery of tilapia fish (*Oreochromis mossambicus*). ISSN: 0976-3333. *Int.J.Pharm.Biol.Arch.* 4(4): 1250-1253.

P. Ramya, G. Sathishkumar, T. Chithara, G. Sridharan and **R. Ravichelvan**. 2014. Studies on the identification of insects in Thanjavur District. ISSN: 0976-3333. *Int.J.Pharm.Biol.Archiv.* Vol. 5(5): 145-148.

J. Roopavathy, M. Sukumaran, R. Rengarajan, **R. Ravichelvan** and N. Narasimhan. 2014. Monthly variations of Physico-chemical parameters of the freshwater fish culture pond at Thanjavur in Tamil Nadu, India. ISSN: 2319-8761. *Glob.J. Trad.Med.Sys.* 2(4): 14-16.

R. Ravichelvan, T. Anandaraj and S. Ramu. 2015. Length-weight relationship of *Murex trapa* and *Meretrix meretrix* from Muthupet coastal waters in Tamil Nadu, India. ISSN: 2347-8314. *Int.J.Modn.Res.Revs.* Vol. 3(10): 823-825.

S. Thangam and **R. Ravichelvan**. 2015. Analysis of water in different location at Ariyalur District. ISSN: 2455-2208. *Worl.J.Sci.Res.* 1(1): 28-34.

R.Ravichelvan.2016. Marine Fish Resources in Nagapattinam Coastal waters, Tamil Nadu, India. *Int.J.Modern Res.Rev.* ISSN: 2347-8314, Vol.4: Issue No. 7, pp 1188-1191.

N. Kannadasan, S. Kalpana and **R. Ravichelvan.** 2020. Vermifiltration treated heavy metals accumulation in textile dye effluent and its characterization. ISSN: 1021-9056. *Infok . Res. J.* Vol. 9(7): 85-90.

N. Kannadasan, S. Kalpana and **R. Ravichelvan.** 2020. Effect of Vermifiltration system on microbial biomass by textile dye wastewater treatment. ISSN: 1021-9056. *Infok . Res. J.* Vol. 9(6): 190-197.

K. Kamatchi and **R. Ravichelvan.** 2021. Evaluation of acute toxicity studies of dragon fruit (*Hylocereus undates*) flesh in fingerlings (*Labeo rohita*). ISSN: 0256-971X. *Uttarpr.J.Zool.* 42(21): 126-131.

K. Kamatchi and **R. Ravichelvan.** 2021. Efficacy of *Hylocereus undates* fruits supplementation in heamatological profile against paracetamol intoxicated *Labeo rohita*. ISSN: 0256-971X. *Uttarpr.J.Zool.* 42(23): 186-190.

S. Kalpana and **R. Ravichelvan.** 2023. Biological Synthesis of Silver Nanoparticles Using Marine Bivalvia *Anadara rhombea* (Born, 1778) Shell Extract. ISSN: 0256-971X (P). *Uttarpr.J.Zool.* 44(23): 220-226.

S. Kalpana and **R. Ravichelvan.** 2023. Zoo-Chemical Characterization of Ethanolic Extract of Bivalvia *Anadara rhombea* (Born, 1778) Shell Using GC-MS Technique. ISSN: 0256-971X (P). *Uttarpr.J.Zool.* 44(23): 259-265.

21. Participated in the Training Programme: Seminar/ Conference/ Workshop/ Symposia.

Freshwater Fish Farming Programme conducted by Veterinary University Training and Research centre, Thanjavur from 29.07.2002 to 01.07.2002. The course consisted of Lectures, Demonnnstrations, Practical experience and Farm visits.

Poultry culture training Programme conducted by Veterinary Medical Science University Training and Research centre, Pudukkottai from 08.01.2004 to 09.01.2004. The course consisted of Lectures, Demonnnstrations, Practical experience and Farm visits.

Entrepreneurial Training Programme in aqua and Vermitechnology organized by the PG and Research Department of Zoology, RSGC at Thanjavur on 13th March 2020.

One day state level seminar on current trends in Bio Sciences, participated in the seminar held on 26th March 2008 at PG Department of Zoology, R.S.G.College, Thanjavur.

Two days state level Awareness programme on environmental pollution, occupational health hazards and its impact on human and animal health for school and college students, held on 6th and 7th January 2010. March 2008 at PG Department of Zoology, R.S.G.College, Thanjavur.

Two days National seminar on emerging trends and challenges in aquatic biotechnology held on 12th and 13th February 2011 at PG and Research Department of Zoology, K.M.College, Adirampattinam. Tamil Nadu.

One day International seminar on “Current Trends in Biology” organized by PG and Research Department of Botany, M. R. Govt. College, Mannargudi - 22th December, 2015.

Two days national seminar on “The Science Academies’ Lecture Workshop on Frontiers in Bioscience” organized by PG and Research Department of Botany, M. R. Govt. College, Mannargudi- 11.07.2016 to 13.07.2016.

One day National Seminar on Recent Trends and Challenges in Biosciences Organized by PG and Research Department of Zoology, Khadir Mohideen College, Adirampattinam. 16.10. 2016.

Two days National workshop on “Standards for Food and Water Quality Examination with emphasis on Microbiological Techniques of Detection, Identification and Enumeration of Human Pathogen” organized by Research Department of Microbiology, M.R. Govt. Arts College, Mannargudi - 28.12.2016 & 29.12.2016.

One day Workshop on Entrepreneurial Workshop for Biology Graduates Organized by Pg and Research Department of Zoology, Rajah Serfoji Govt.College,Thanjavur.13.10.2017.

One day popular Lectures on Biotechnology Organized by PG and Research Department of Zoology, Rajah Serfoji Govt. College, Thanjavur. 18.07.2018.

One day International conference on challenges to environment and health held on 30th January 2020 at PG and Research Department of Zoology, Jammal Mohamed College (Autonomous), Trichy, Tamil Nadu.

One day Entrepreneurial Training Programme in Aqua and Vermitechnology Organized by PG and Research Department of Zoology, Rajah Serfoji Govt. College, Thanjavur. 13.07.2020.

Two days In-Service Teacher Training Programme Organized by Government Arts College (Autonomous), Kumbakonam, (Tamil Nadu State Council for Higher Education), 05.05.2022 to 06.05.2022.

One day Workshop on outcome based education (OBE) at Bharathidasan University, Kajamalai campus, Tiruchirappalli. Tamil Nadu State Council for Higher Education (TANSCH), Hosted by Directorate of Collegiate Education, Chennai. 11.09.2025.

22. Citation:

Year	Total no. of research papers published	h - index	Citations
2009 to 2025	25	5	54

23. Extension activities Within the College

Acted as Board of Studies meeting member for a UG, PG and M.Phil, Zoology - Rajah Serfoji Govt. College, Thanjavur-5. Letter date: 18.04.2018.

Acted as Board of Studies meeting member for a UG and PG Zoology - Rajah Serfoji Govt. College, Thanjavur-5. Letter date: 24.07.2023.

24. M.Phil., SCHOLARS: Awarded

M.Phil, Guided in Zoology. S.MAHESHWARI (Reg. No: 17MPZO5405) Viva-voce Date: 20.09.2018.RSGC, Thanjavur-5.

M.Phil, Guided in Zoology. P.ANUSUYA (Reg.No: 19MPZO5204) Viva-voce Date: 09.11.2020. RSGC, Thanjavur - 5.

25. Ph.D., SCHOLARS: Awarded

Ph.D., Guided in Zoology, Ms. K. Kamatchi, Full-Time .Viva-voce Date: 19.05.2023. RSGC, Thanjavur-5.

Ph.D., Guided in Zoology, Ms. S. Kalpana, Part-Time .Viva-voce Date: 24.02.2025. RSGC, Thanjavur-5.

26. Ongoing (Ph.D., Scholar):

Ph.D., Guiding Mr. Satheesh Full- time Zoology. 26.08.2025. RSGC, Thanjavur-5.

27. Members for the Doctoral Committee of Ph.D., Scholar:

Doctoral committee member for Ph.D. Part Time Programme Zoology at RSG College, Thanjavur. [Ref. No.15366/Ph.D.K9/Zoology/Part Time/Nov.2018/Date:09.08.2019]. Name of the Research Supervisor: Dr.R. RAVICHANDRAN.

28. Examiner (M.Phil – Viva Voce Exam)

Appointed as an external examiner By Bharathidasan University to conduct Viva voce examination for M.Phil student of Department of Microbiology, Maruthu Pandiyar College, Thanjavur – 06.02.2019.

Appointed as an external examiner By Bharathidasan University to conduct Viva voce examination for M.Phil student of Department of Microbiology, Maruthu Pandiyar College, Thanjavur – 08.01.2020.