

CURRICULUM VITAE OF
P. MARIAPPAN M. Sc., M. Phil., Ph.D.,

Official Address	Associate Professor & Head PG & Research Department of Zoology Rajah Serfoji Government College (Autonomous) Thanjavur 613005 TN		
Residential Address	45, Bank Staff Colony 2 nd Street Thanjavur 613005 Tamil Nadu, INDIA		
Phone	98654-23322	e-mail	mnobilii@gmail.com maris7@rediffmail.com
Date of Birth	02.05.1972		

Educational Information:

Degree	Institution	% Marks	Duration	Class
Ph.D. Zoology	Bharathidasan University Tiruchirapalli	-----	1997-2000	Highly Commended
M.Phil. Zoology	Manonmanium Sundaranar University, Tirunelveli	67.12	1994-1995	First
M.Sc. Zoology	Madurai Kamaraj University Madurai	66.62	1992-1994	First
B.Sc. Zoology	Madurai Kamaraj University Madurai	74.94	1989-1992	First

Research Experience:

Position	Period	Institute/ Organization
Senior Research Fellow - Extended (CSIR)	02.05.2001-01.05.2002	Bharathidasan University Tiruchirapalli.
Senior Research Fellow(CSIR)	27.04.1998-26.04.2001	Bharathidasan University Tiruchirapalli.
Junior Project Fellow(UGC)	02.04.1996-26.04.1998	Bharathidasan University Tiruchirapalli.

Industrial Experience

Position	Period	Industry
Aqua Officer (Trainee)	27.10.1995-29.02.1996	Balaji Biotech Limited Nellore (AP)

Teaching Experience:

Position	Period	Institute
Associate Professor of Zoology	Since 29.12.2019	Rajah Serfoji Govt College Thanjavur
Assistant Professor of Zoology	20.07.2010- 28.12.2019	Rajah Serfoji Govt College Thanjavur
Assistant Professor of Zoology	26.12.2007- 19.07.2010	Thiru Vi Ka Govt. Arts College Thiruvarur
Lecturer in Biotechnology	18.08.2003- 30.11.2007	JJ College of Arts and Science, Pudukkottai
Guest Lecturer-Zoology	09.09.2002- 31.03.2003	Government Arts College Dharmapuri

Professional Training:

Sl No.	Period	Name of the Training & Institute
01	20.11.2021	IQAC and NAAC Coordinators Meet on “Environmental Management System, Green Campus Audit and Energy Audit at Educational and Industrial Sectors by Nature Science Foundation, Coimbatore & “Audited site visit” and Miyawaki rapid forest demonstration programme at Nehru Arts and Science College, Coimbatore
02	13.11.2019-22.11.2019	ICAR sponsored short term course on Recent Advances in Post-harvest Fisheries Engineering, Central Institute of Fish Technology, Cochin
03	06.11.2017-15.11.2017	ICAR sponsored short term course on Aquatic Pollution and Abatement, College of Fisheries, Mangalore
04	08.06.2016-28.06.2016	Refresher course on Zoology, UGC-HRDC-Pondicherry University, Pondicherry
05	18.09.2013-22.09.2013	DST Sponsored One Week Training Workshop on Green and Sustainable Technologies, TERI-Gurgaon
06	21.05.2012-30.05.2012	Summer School on Research Proposal Writing UGC-NRCBS-Madurai Kamaraj University, Madurai
07	08.12.2011-28.12.2011	Refresher course on Remerging developments in Life Sciences, ASC, University of Mysore, Mysore
08	09.11.2009-29.01.2009	Winter School on Application of Molecular and Serological Tools in Fish Disease Diagnosis, CIFA-Bhubaneswar
09	26.12.2007-25.01.2008	Pre-service training ASC, Madurai Kamaraj University, Madurai
10	25.05.2005-08.06.2005	Refresher course on Inter-disciplinary Approaches in Biology, Center for Cellular and Molecular Biology, Hyderabad
11	03.04.2002-12.04.2002	Identification of Flora and Fauna of Mangrove Ecosystem. CAS in Marine Biology, Annamalai University, Parangipettai
12	15.03.2001-16.03.2001	Biotechnological and Immunological Strategies for Research University of Madras. Chennai – 25
13	06.11.2000-25.11.2000	Recent Advances in Fish/Shellfish Health Management Fisheries College, Mangalore.
14	08.03.1999-09.03.1999	Recent Trend in Bioinformatics and Internet Resources Pondichery University, Pondichery
15	05.03.1999-06.03.1999	Application of Statistics in Biological Research Bharathidasan University, Tiruchirapalli-24.
16	12.10.1998-13.10.1998	Germplasm Inventory and Gene Banking of Freshwater Fishes CMFRI- Cochin

Workshop/seminar/symposium Organized

Sl No	Period	Program
01	23.09.2023	FDP on Tamil Wikipedia for University and College Teachers. Tamil University, Thanjavur sponsored by CIS-2K Bangalore (as local organizer)
02	08.08.2023	Online Workshop on Virtual Labs-An learner perspective in association with Amrita Value Virtual Lab, Kollam on

		08.08.2023
03	01.07.2020-03.07.2020	Indian Council of Philosophical Research, New Delhi sponsored National Webinar on Yoga
04	21.01.2020	National Human Rights Commission, New Delhi sponsored One day basic training programme on Human Rights
05	05.09.2019	Mahatma Gandhi National Council of Rural Education, Hyderabad sponsored national workshop on Apiculture for Employment of Rural Youth
06	03.10.2018	National Commission for Women sponsored Nationwide Competition on Legal Rights and Awareness of Women
07	18.07.2018	Department of Biotechnology, New Delhi Sponsored Popular Lectures in Biotechnology
08	22.03.2018-23.03.2018	National Seminar on Sensitizing the Women on Environmental issues National Commission for Women, New Delhi
09	25.02.2016-26.02.2016	Youth-led Sustainable Development Programme Ministry of Youth Affairs and Sports, New Delhi
10	30.01.2015	Youth-led development outreach Programme Ministry of Youth Affairs and Sports, New Delhi
11	30.01.2013	Department of Biotechnology, New Delhi Sponsored Popular Lectures in Biotechnology
12	Oct-2012-Feb 2013	National Environment Awareness Campaign (MoEF sponsored)
13	24.01.2012-25.01.2012	National Workshop on Statistical Analysis of Biological and Biomedical Data (ICMR and TNSCST Sponsored)
14	Jan-Feb 2010	National Environment Awareness Campaign (MoEF sponsored)
15	02.02.2005-12.02.2005	National Workshop on Advanced Techniques in Molecular Biology
16	19.01.2005	Workshop on IPR and Patent Awareness (DST sponsored)
17	27.07.2004-29.07.2004	National Seminar on Recent Trends in Biotechnology & Bioinformatics

Research Guidance:

Subject	M. Phil.		Ph. D.	
	Guided	Guiding	Guided	Guiding
Zoology	24	-	3	1
Biotechnology	20	-	-	-
Microbiology	01	-	-	-

Administrative Responsibilities

- ✓ Head-Department of Zoology (June 2016 till date)
- ✓ CDE-Thanjavur Centre-Practical Coordinator- Bharathidasan University- (2021-till date)
- ✓ Programme Coordinator-TNSCST-Chennai Improvement in S&T infrastructure facilities (2019-20)
- ✓ Principal Investigator-DST-FIST (2020-2025)

- ✓ RUSA Coordinator (RUSA 1-2020 January-till date)
- ✓ NIRF-Nodal Officer (2018 - 2023)
- ✓ Camp Officer, Bharathidasan University UG Valuation April 2018 & April 2019.
- ✓ Head-Department of Biotechnology (Dec. 2015-May 2016)
- ✓ IQAC Coordinator (2013-2020)
- ✓ Virtual Lab Coordinator (2012-2018)
- ✓ Eco Club Coordinator (2011-2012)

Other Academic Responsibilities

- ✓ Tamil Wikipedia Administrator (2023 May onwards)
- ✓ Academic Council Member-ADM College for Women, Nagappatinam (2022-2025)
- ✓ IQAC-External Member-Government Arts College for Women, Kumbakonam (2020-2022)
- ✓ IQAC-External Member-MR Government Arts College, Mannargudi (2021-2024)
- ✓ Academic Council Member-AVC College, Mayiladuthurai (2019-2022)
- ✓ IQAC-External Member-Thiru Vi Ka Government Arts College, Thiruvarur (2020-2022)

Board of Studies Member

- ✓ Member, Board of Studies in Zoology, St. Xavier's College (Autonomous), Palayankotti. (2023-2026)
- ✓ Member, Board of Studies in Zoology (UG), PSG College of Arts and Science (Autonomous). Coimbatore (2022-2025)
- ✓ Member, Board of Studies in Biotechnology, AVVM Sri Pushpam College (Autonomous), Poondi (2022-2025)
- ✓ Member, Board of Studies in Zoology, ADM College for Women, Nagappatinam; 2019-2022.
- ✓ Member, Board of Studies in Biotechnology, JJ College of Arts and Science, Pudukkottai; 2018-2020
- ✓ Chairman, Board of Studies in Zoology, Rajah Serfoji Government College, Thanjavur; 2016 onwards
- ✓ Alumnus Member, Board of Studies in Zoology (PG), Yadava College (Autonomous), Madurai; 2008-2011

Examinership (Question paper setter and Practical)

- Chairman in B. Sc. Zoology Board of QP Setting, Periar University, Salem; November 2022.
- Chairman in B. Sc. and M. Phil. Zoology Board of QP Setting, Alagappa University, Karaikudi; 2008-2011 onwards.

- Examiner in B.E. Biotechnology & Bioinformatics, Vinayaka Missions University, Salem. 2006-2007.
- Examiner in B.Sc. Biotechnology, Periar University, Salem 2005-2007.
- Examiner in B.Sc. Biotechnology, Bharathiar University, Salem 2005-2007.
- Examiner in M.Sc. Bioinformatics/Microbiology, Karpagam University, Coimbatore. 2007-2010 batch onwards

Scientific Publications

Research Publications	43	
Popular Science Publications	49 (28 in Tamil)	
Gene Sequence Submission	01 (Gene ID: OQ196103)	
Book	07 (3 in Tamil TNSCST sponsored)	
Citations	h-index	i10 index
777	13	18
Vidwan id: 64747	Web of Science ResearcherIDC-5177-2018	

You Tube: Zoology Black Board

Other Academic Contributions

- Subject Expert in Zoology (Tamil) for Translation Equivalents in Indian Languages-TEIL, National Translation Mission, CIIL, Mysore.
- Reviewer of Tamil Wikipedia. 5542 Articles created in Wikipedia-Tamil & English (User name: சத்திரத்தான்)
- District Academic Coordinator-Thanjavur-2022 & 2023. 30th and 31st National Children Science Congress, Department of Science and Technology, GoI.
- District Evaluation Coordinator-Thanjavur, 26th National Children Science Congress-2019

Research Project

Chvviyalillakkiyankalikulvana. Short Term Project by Central Institute of Classical Tamil, Chennai (MHRD, Govt. of India) (2011-2012)

Radio Talk:

Delivered a series of talk on environment (சூழல்காப்போம்) at All India Radio (Thiruchirapalli) from 15th to 21st April 2010.

Key resource person in a **phone-in-program** on Recent Breakthroughs in Biotechnology (உயிர்தொழில்நுட்பவியலின் அண்மைக்கால அற்புதங்கள்) at All India Radio (Tituchirapalli). November, 26th 2007 (9.15 pm to 10.00 pm)

Invited Talks:

1. Delivered a talk entitled “Applications of Biotechnology in Human and Animal Welfare”, at the Annai Velangani College of Arts and Science, Thanjavur on 31.08.2023.
2. Delivered a talk entitled “Science Report Writing”, at the Zoology Association Meeting conducted by Department of Zoology, Jamal Mohamed College, Thiruchirapalli on 08.07.2023.
3. Key resource person and delivered a talk on Understanding Ecosystem for Health and Well-being Zonal Workshop conducted by TNSF, Tiruchirapallai at Jamal Mohamed College, Thiruchirapalli on 08.07.2023.
4. Delivered two special lectures entitled “Human Genome Project and Applications” and “Safety Guidelines of recombinant DNA Technology” on 08.10.2022 at the Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore.
5. Delivered a special lecture on Personality Development (Students Induction Programme) at Kundavai Nachiar Government Arts College for Women on 30.08.2022 organized by IQAC.
6. Key resource person and delivered a talk on Sustainability and Water in a WIPRO Earthion Workshop for Teachers conducted by CPR Environmental Educational Center, Chennai at Blossom Public School, Thanjavur on 30.07.2022.
7. Key resource person in a training program on Wikimedia Projects organized by the Departments of Zoology and Biotechnology, Sri AVVM Pushpam College (Autonomous), Poondi on 22.11.2021.
8. Key resource person in an IQAC sponsored FDP on NAAC revised guidelines and SSR preparation for HEI. Government Arts College, Kumbakonam, on 13.10.2021.
9. Key resource person in an IQAC sponsored FDP on NAAC revised guidelines and SSR preparation for TEI. Government College of Education, Komarapalayam, Namakkal District on 04.10.2021.
10. “Online Encyclopedia, Wikipedia”, in a week FDP on Wiki Media Projects organized by Annai Therasa College of Arts and Science, Thirukalukkundram, on 13.07.2021 (Webinar).
11. Delivered a special address on “Academic Publications and Bibliometrics”, organized by, The Library and Information Sciences, Nirmala College for Women, Coimbatore on 19.05.2021 (Webinar).
12. Delivered a lecture on “Research Report Writing and Publication in Indexed Journals”, organized by, Department of Zoology-ADM College for Women, Nagappattinam on 04.05.2021 (Webinar).

13. Delivered a special address on NAAC Revised Norms & SSR Preparation in FDP organized by, IQAC-Mannai Rajagopalasamy Government Arts College, Mannargudi on 29.03.2021.
14. Key resource person on a UGC sponsored (under Paramesh Scheme), IQAC-ADM College for Women, Nagappattinam organized faculty development program on “Awareness on Research Funding” held on 04.02.2021.
15. Acted as an external member for Mock visit of NAAC on 20.02.2021, ThiruViKa Government Arts College, Thiruvarur
16. Key Resource person in a Faculty Development Programme on NAAC: Revised Norms and SSR Preparation” organized by IQAC, Syed Ammal College of Arts and Science, Ramanathapuram on 14 & 15.12.2020.
17. Delivered an online lecture entitled “Conservation of Fish Biodiversity” on CPR Environmental Education Centre, Chennai, & WIPRO Online Thematic Workshop on Biodiversity (State) held on 04.12.2020.(Online)
18. Key Resource person in a Faculty Development Programme on NAAC: Revised Norms and Procedure” organized by IQAC, Syed Ammal College of Arts and Science, Ramanathapuram on 04.02.2020.
19. Key Resource person in a FDP programme under DBT Star College Programme, at Dr.NGP College of Arts and Science, Coimbatore on 27.01.2020. (Workshop on Data Management and Statistical Analysis Using SPSS).
20. Delivered a talk on NSS and Cleanliness at the orientation programme for NSS volunteers of Annai Vailankaani College of Arts and Science, Thanjavur on 14.08.2019.
21. Delivered a lecture on “Statistics in Research” at Bon Secours College for Women, Thanjavur on 12.11.2018.
22. Key Resource person in Indian Science Congress Association sponsored One day workshop on “Biostatistical analysis through SPSS software package” held on 08.10.2018 at Kongunadu Arts and Science College, Coimbatore.
23. Acted as a resource person in a week long workshop on “Business Opportunities in Aquaculture and Vermiculture Technology” from 2-8 March 2018. And delivered a lecturer entitled “Maintenance of Vermicompost and disease Management” on 06.03.2018.
24. Delivered a lecturer in Zoology Association of Erode College of Arts and Science, Erode on 13.2.2018. The topic of presentation is “Environmental Issues and Conservation Strategies”.

25. Delivered a lecturer in an IQAC seminar entitled “Research Opportunities in Arts and Science” at Nammakkal Kavignar College of Arts and Sciences for Women on 23.01.2017.
26. Acted as resource person in MHRD sponsored in-service training programme for school teachers on science and delivered two lectures on teaching methodology in science and online demonstration of learning resources held at Government Education College, Orathanad on 23.03.2017.
27. Delivered a talk entitled “Biotechnology: Pros and Cons” at Government Arts College, Ariyalur on 22.03.2017.
28. Delivered a talk on “Water and Biodiversity Conservation” at Tamil University, Thanjavur on 06.03.2017.
29. Delivered a talk on “Biotechnology and Developmental Biology” at JJ College of Arts and Science, Pudukkottai on 11.01.2017.
30. Resource person in NAAC reaccreditation programme at Govt. Arts College, Ariyalur on 09.01.2017.
31. Evaluator of 24th National Children’s Science Congress held at Thanjavur (2016).
32. Delivered a lecture entitled “Biotechnology in Aquaculture” at Sri AVVM Pushpam College, Poondi on 22.08.2016.
33. Chaired a session on one day national seminar on “அப்துல்கலாம் என்னும் அற்புத சக்தி” organized by Mothertheresa Educational College, Pudukkottai on 15.09.2015.
34. Delivered a talk on “environmental problems and controlling measures” at a student awareness program conducted by Government Arts College, Karur on 11.07.2014 (Sponsored by TNSCST, Chennai).
35. Delivered a talk entitled “In vitro fertilization in animals” at the Department of Microbiology, Idhaya College for Women, Kumbakonam on 12.10.2013.
36. Acted as a resource person and delivered two lectures on Teaching of Biology and Virtual labs in Biology Practical conducted by Government College of Education, Orathanad on 3-4.10.2013.
37. Acted as key resource person and delivered two lectures entitled “Cancer Biology” and “Modern Genetics” for PG Assistants of Thanjavur District in a Content Enrichment Program held at Thanjavur organized by National Council for Education Research and Training, Chennai on 10-11.09.2013.
38. Delivered two lectures entitled “rDNA Technology” and “Applied Immunology” for PG Assistants of Thiruvaur District held at Veludayar

Higher Secondary School, Thiruvarur organized by CEO, Thiruvarur On 22.09.2010.

39. Delivered a talk on Medical Implications of Developmental Biology at Udaya School of Engineering, Nagercoil on 09.10.09 during National Seminar on Recent Trends in Biotechnology.
40. Delivered inaugural talk entitled “Recent breakthroughs in Biotechnology” at the inauguration of Jeffreys Club of Biotechnology, Sri Bharathi Women College, Pudukkottai on 03.03.2008.
41. Delivered a talk on DNA Vaccines at Department of Biotechnology, Annai College, Kumbakonam.
42. Addressed on Scientific Writing at Bharath College, Tanjore on the occasion of National Seminar on Bioresearch Methodology

Participation in Seminar/Conference

01. Participated Workshop for government college teachers on major and non-major subjects in Zoology, Government Arts College for Men, Chennai. 16-18.12.2009.
02. Participated two day migratory birds census at Point Calimare, 23 and 24th January 2010.
03. Participated 8 day Tiger Census at Anamalai Tiger Reserve, Pollachi from 9th February to 16th February, 2012.
04. Attended one day workshop on “Quality Research Report Writing” by Curriculum Development Cell, Bharathidasan University, Thiruchirapalli on 28.02.2014.
05. Participated in the Science Academies Education Programme on “Climate Change Studies: An Organismal Approach” Sathyabama University, Chennai on 27-28.03.2014.
06. Attended UGC sponsored National Workshop on Mushroom Cultivation at Sri Venkateshwara University, Tirupati on 12 & 13.09.2014.
07. Attended Workshop on Virtual Labs at Amirta University Kollam on 22.12.2014.
08. Attended National Nodal Centre Conference at Amirta University Kollam on 23.02.2015.
09. Attended One Day Awareness cum Training Programme on “Shodhganga ETD Database” Bharathidasan University, Thiruchirapalli on 06.09.2015.
10. Attended National Nodal Centre Conference at Amirta University Kollam on 09.09.2015.

11. Attended National Nodal Centre Conference at Amirta University Kollam on 06.05.2016.
12. Attended AIFUCTO National Seminar on Democratic, secular and equitable policy-an alternative approach held at Periar University, Salem on 18.03.2017.
13. Attended 3 day XXIX statutory conference and national seminar on “Reforms in higher education: challenges and opportunities held on Shirdi 18-20.12.2017.
14. Attended TANSICHE sponsored two day master training programme on “Soft skill and industry awareness” at Periar Maniammai Institute of Science and Technology, Thanjavur on 23.01.2018 and 24.01.2018.
15. Attended two day workshop on NAAC revised guidelines at Bharathiar University, Coimbatore on 26.10.2018 and 27.10.2018.
16. Attended a one day training programme on “EAT module of Public Finance Management System (PFMS) for HEI’s” at Loyala College, Chennai on 10.03.2019.
17. Attended a one day “Cluster Level NCSC Workshop” at Bharathidasan University, Thiruchirapalli on 27.06.2019.
18. Attended a panel discussion on “Paradigm shift in pedagogical practices-quality enhancement in higher education” at National College, Thiruchirapalli on 28.08.2019.
19. Attended a two day training programme on “Right to information act, 2015” at Rajah Serfoji Government College, Thanjavur on 09.01.2020 and 10.01.2020 by Anna Institute of Management, Chennai.

Members in Scientific Societies:

- Life Member in Zoo Outreach Organization
- Life Member in Invertebrate Conservation and Information Network of South Asia
- Life Member, National Book Trust, India
- Member in Indian Science Congress Association
- Member in Green Earth Foundation
- Member in a " Thematic Working Group on Microorganism bio-diversity" by Ministry of Environment and Forests (MOEF), Government of India for preparation of India's "National Biodiversity Strategy and Action Plan" (NBSAP)

Research Publications:

1. R. Karnan, M. Sukumaran, P. MARIAPPAN and S. Velavan. 2023. Insecticidal effect of Zoochemicals Mediated Copper Oxide Nanoparticle

Using Marine Sponge *Hyattella intestinalis* (Lamarck, 1814) and Molecular Docking. *Uttar Pradesh Journal of Zoology*, **44(15)**:64-72.

2. P. MARIAPPAN, K. R. Kiran, P. S. Swathy, A. Kaniyassery, S. A. Thorat, P. Bhagyashree, M. Thiruvengadam and A. Muthusamy. 2022. Sacred groves and nakshatravan trees - A comparative analysis for their medicinal properties and volatile compounds for human health. *South African Journal of Botany*, 151:623-638. <https://doi.org/10.1016/j.sajb.2022.08.029>. (SCI IF 3.111).
3. Senthilkumar, S., Azhagu Madhavan, S., MARIAPPAN P., Rajakumar, R., Ganesan, S. 2021. Serum lipid profile and *in-vivo* antidiabetic activity of medicinal plant *Costus spicatus* in diabetic albino wistar rats. *International Journal of Botany Studies*, 6(3):20-25. (UGC Care listed).
4. Biruntha, M., P. MARIAPPAN, B.K. Selvi, J.A.J. Paul and N. Karmegam. 2020. Vermiremediation of Urban and Agricultural Biomass Residues for Nutrient Recovery and Vermifertilizer Production. *Waste and Biomass Valorization*, 11:6487-6897. SCI IF 2.358
5. Ravisankar, S. and P. MARIAPPAN. 2018. Studies on the physico-chemical characteristics of Ponneri Tank (Cholagangam) in Udayarpalayam Taluk Ariyalur District, Tamil Nadu, India. *Journal of Emerging Technologies and Innovative Research*, 5(11):595-604.
6. Ravisankar, S. and P. MARIAPPAN. 2018. Seasonal Fluctuation of Phyto and Zooplanktons of Ponneri Tank (Cholagangam) Ariyalur District, Tamil Nadu, India. *International Journal of Pharmacy and Biological Sciences*, 8(4):854-859.
7. Dass, K. and P. MARIAPPAN. 2018. Insecticidal activity of Green Synthesized silver Nanoparticles using *Coleus aromaticus* and *Wrightia tinctoria* Leaf Extracts against *Culex quinquefasciatus*. *Vector Biology Journal*, 3:2 (doi: 10.4172/2473-4810.1000131)
8. Dass, K. and P. MARIAPPAN. 2016. Larvicidal Activity of *Colocasia esculenta*, *Eclipta prostrate* and *Wrightia tinctoria* Leaf Extract against *Culex quinquefasciatus*. *Proc. Natl. Acad. Sci. India*, B: 86(1):139-143
9. Balamurugan, P., P. MARIAPPAN and C. Balasundaram. 2015. Comparison of fatty acid profile of wild and farm reared freshwater prawn *Macrobrachium rosenbergii* (De Man) brooders for broodstock diet formulation. *African Journal of Biotechnology*, 14(1): 10-16.
10. Jagruthi, C., G.Yogeshwari, S.M. Anbazahan, L.S.S. Mari, J. Arockiaraj, P. MARIAPPAN, G.R.L., Sudhakar, Chellam Balasundaram, and R. Harikrishnan. 2014. Effect of dietary astaxanthin against *Aeromonas hydrophila* infection in common carp, *Cyprinus carpio*. *Fish & Shellfish Immunology*, 41:674-680.(SCI IF 3.268)

11. Mari, L.S.S., C. Jagruthi, S.M. Anbazahan, G. Yogeshwari, R. Thirumurugan, J. Arockiaraj, P. MARIAPPAN, Chellam Balasundaram and R. Harikrishnan. 2014. Protective effect of chitin and chitosan enriched diets on immunity and disease resistance in *Cirrhina mrigala* against *Aphanomyces invadans*. *Fish & Shellfish Immunology*, 39(2): 378-385. (SCI IF 3.268).
12. Dass, K. and P. MARIAPPAN. 2014. Larvicidal Activity of *Aeglemarmelos*, *Coleus aromaticus* and *Vitex negundo* Leaf Extract Against Filarial Vector *Culex quinquefasciatus*. *Turkish Journal of Agricultural and Natural Sciences*, Spl Issue 1: 858-862.
13. Dass, K. and P.MARIAPPAN. 2014. Larvicidal activity of *Lawsonia inermis* and *Murraya exotica* leaves extract on filarial vector, *Culex quiunquifasciatus*. *International Journal of Mosquito Research*, 1(2):25-27.
14. Birundha, M., J.A. John Paul and P.MARIAPPAN. 2013. Growth and reproduction of *Perionyx excavates* in different organic wastes. *Int. J. Current Microbiology and Applied Sciences*, 2(2):28-35.
15. Birundha, M., J.A. John Paul and P.MARIAPPAN. 2013. Vermicultural and molecular characterization of composting endemic earthworms. *Am. J. Res. Com.*, 1(3):168-180.
16. Vaitheeswaran, T., K. Prabakar, K. Anbarasu and P.MARIAPPAN. 2013. Record of the frog crab, *Ranninoides personatus* Henderson, 1888 (Crustacea: Decapoda: Raninidae). *TN J. Vert. Anim. Sci.*, 9(5):362-365.
17. Harikrishnan, R., Dong-Hwi Kim, Seung-Hyun Hong, P. MARIAPPAN, ChellamBalasundaram and Moon-SooHeo. 2012. Non-specific immune response and disease resistance induced by *Siegesbeckia glabrescens* against *Vibrio parahaemolyticus* in *Epinephelus bruneus*. *Fish & Shellfish Immunology*, 33(2): 359-364.(SCI IF 3.268)
18. Chinnasamy, K., P. MARIAPPAN, P.S. Doss, G. Marimuthu and K. E. Rajan. 2011. Genetic diversity and population structure of leaf-nose bat *Hipposideros speoris* (Chiroptera: Hipposideridae) in Indian subcontinent. *African Journal of Biotechnology*, 10-1320-1328.
19. MARIAPPAN, P., M. Narayanan and C. Balasundaram. 2011. Mosquito biocontrol: An aid of control of vectorborne diseases. In: Emerging infectious diseases ed by V.A.J.Huxley, S.Natarajan and S.Kavimani. Anjanaa Book House, Chennai. Pp 245-260.
20. Balamurugan, P., MARIAPPAN and C. Balasundaram. 2006. Molt related biochemical changes in freshwater prawn, *Macrobrachium malcolmsonii* (H. Milne Edwards). *Journal of Biosanins (Malaysia)*. 17(2):1-8.
21. MARIAPPAN, P. and C. Balasundaram. 2004. Effect of shelters, stocking density and size on survival, growth and limb loss of *Macrobrachium nobilii*. *Journal of Applied Aquaculture*, 15(3/4): 51-62.

22. Balasundaram, C., P. MARIAPPAN and P. Balamurugan. 2004. Biotechnology in sustainable aquaculture. IN: Sustainable Resource Management. 195-206. Eds. B.B.S. Kapoor and Ahmed Ali. Madhu Publications, India.
23. MARIAPPAN, P. and C. Balasundaram. 2004. Studies on the morphometry of *Macrobrachium nobilii*(Henderson and Matthai, 1910). *Brazilian Archives of Biology and Technology*, 47(3): 441-449.
24. Balamurugan, P., P. MARIAPPAN and C. Balasundaram. 2003. Effect of manipulated diets on growth and survival of freshwater prawn *Macrobrachium malcolmsonii* (H. Milne Edwards). *Journal of Advanced Zoology*, 24:30-33.
25. MARIAPPAN, P., C. Balasundaram and Jean-Paul Trilles. 2003. Infection of the isopod *Tachaea spongillicola* on freshwater prawns *Macrobrachium spp.* in southern India. *Disease of Aquatic Organisms* 55(3):259-60.
26. MARIAPPAN, P. and C. Balasundaram. 2003. Sheltering behaviour of *Macrobrachium nobilii* (Henderson and Matthai, 1910). *Acta Ethologica*, 5:89-94.
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