



## KHADIR MOHIDEEN COLLEGE

(M.K.N. MADHARASA TRUST WAQF)  
ADIRAMPATTINAM – 614701,  
THANJAVUR DIST, TAMIL NADU.



### STAFF PROFILE

1. Name : **Dr.A.Maharajan**
2. Gender : Male
3. Date of Birth : 24/10/1975
4. Designation : Assistant Professor
5. Date of Joining in Teaching Profession : 01/09/2008
6. Date of joining in our Institution : 01/07/2010
7. Address

#### Residential

4P/684, Opp.Oxford Matric. Hr.Se.School,  
PudukottaiUllur, Adirampattinam- 614701,  
Thanjavur Dist.  
Cell No.: 9443286900, 6382972991

#### Official

PG & Research Dept. of Zoology,  
Khadir Mohideen College,  
Adirampattinam-614701,  
Thanjavur Dist.

Mail Id.: drathimaha@gmail.com

8. Google Scholar Link  
<https://scholar.google.com/citations?user=uTnhSi0AAAAJ&hl=en>

#### 9. Educational Qualifications

S. No.	Examination Passed	College	University	Year of Passing	Class
1	SSLC	S.L.B Govt.Hr.Se.School, Nagercoil	Govt. of Tamil Nadu	1990	First
2	HSC	S.L.B Govt.Hr.Se.School, Nagercoil	Govt. of Tamil Nadu	1992	Second
3	B.Sc	SivanthiAdithanar College, Nagercoil	Manonmaniam Sundaranar	1995	First
4	M.Sc	S.T.Hindu College, Nagercoil	Manonmaniam Sundaranar	1997	First
5	M.Phil	Institute for coastal area studies, Nagercoil	Manonmaniam Sundaranar	1998	First
6	Ph.D	Central Marine Fisheries Research Institute, Chennai	University of Madras	2003	Highly commended

**Additional Qualification:**

Qualified **National Eligibility Test (NET)** conducted by Indian Council of Agricultural Research (ICAR), October 2001. UGC-CSIR at National Level.

**10. Teaching & Research Experience****A. Teaching**

S.No	Name of the college	Designation	Period
1.	Udaya College of Arts and Science, Vellamodi, Kanyakumari Dist.	Lecturer	Sep 2008 to June 2010
2.	Khadir Mohideen College, Adirampattinam	Assistant Professor (SG)	July 2010 to till date

**B. Research**

S.No	Name of the Institution	Designation	Period
1.	Central Marine Fisheries Research Institute, Chennai	Senior Research Fellow in ICAR sponsored Major Research Project.	Dec 1998 to Aug 2001
2.	Rajiv Gandhi Centre for Aquaculture, (MPEDA) Sirkali, Tamil Nadu	Senior Technical Officer in Sea bass Hatchery	Aug 2001 to Feb 2003
3.	Fisheries College and Research Institute, Thoothukudi, Tamil Nadu	Senior Research Fellow in NATP sponsored Major Research Project	Jul 2003 to Feb 2005
4.	Aqua Biotech Group, Malta (Europe)	Senior Consultant in Sea bream hatchery	Dec 2005 to Apr 2007
5.	Fisheries College and Research Institute, Thoothukudi, Tamil Nadu	Senior Research Fellow in GOMBRT Major Research Project	Jul 2007 to Aug 2008

- |                                     |                                       |
|-------------------------------------|---------------------------------------|
| 11. Research Area of Specialization | : Aquatic Toxicology & Aquaculture    |
| 12. Teaching Area of Specialization | : Microbiology, Ecology & Aquaculture |
| 13. Languages known                 | : Tamil & English                     |
| 14. Computer Proficiency            | : MS office                           |
| 15. Research Supervision            |                                       |

Ph.D.: Awarded : 6: Pursuing: 2

M.Phil : Awarded: 13

**Details of Ph.D. awarded scholars**

S. No.	Name of the Scholar	Title of the Thesis	University/College	Date of Viva
1	P.S.Paruruckumani (Ref.No.33286/Ph.D.1 /Zoo/ FT/ Jan 2012)	Evaluation of copper toxicity in the Asian sea bass, <i>Lates calcarifer</i> (Bloch,1790)	Bharathidasan University	08/04/2015
2	Y.Narayanaswamy (Ref.No.12714/Ph.D.1 /Zoo/FT/Oct 2011)	Cytopathological and biochemical changes of the Freshwater crab, <i>Paratelphusa jacquemontii</i> (Rathbun, 1887) exposed to Nurocombi	Bharathidasan University	06/01/2018
3	S.M.Fazildheen (Ref.No.26473/Ph.DK1 /Zoo/PT/Oct 2012)	Evaluation of mercury toxicity in the Asian sea bass, <i>Lates calcarifer</i> (Bloch,1790)	Bharathidasan University	22/12/2019
4	K.Shanmugavel (Ref.no.34385/Ph.D.K 7/ Zoo/FT/ Oct 2014)	Effect of chlorpyrifos in Mangrove crab, <i>Episesarma tetragonum</i> (Fabricius, 1798)	Bharathidasan University	23/02/2020
5	D.Usha (Ref.No.13264/Ph.D K7/Zoo/FT/ Oct 2017)	Effects of dichlorvos on selected biomarkers of Asian sea bass, <i>Lates calcarifer</i> (Bloch,1790)	Bharathidasan University	24/10/2021
6	A.Shanmuganathan (Ref.No.07236/Ph.D.K 7/Zoo/FT/ Oct 2017)	Evaluation of copper toxicity in <i>Litopenaeus vannamei</i> (Boone,1931)	Bharathidasan University	28/09/2022

**Details of ongoing Ph.D. Scholars**

S.No.	Name of the Scholar	Title of the Thesis	University/College	Date of Registration
1	M.Saravanan (Ref.No.46339/Ph.D K7/Zoo/PT/ Jan 2016)	Effect of live feed on survival growth and development of Mangrove crab, <i>Scylla serrata</i> (Forskal,1775) larvae.	Bharathidasan University	January 2016
2	R.Rajesh (Ref.No.30391/Ph.D.K9/Zoo /PT/Apr 2018)	Histopathological and Biochemical changes of the spiny lobster, <i>Panulirus ornatus</i> (Fabricius,1798) exposed to copper	Bharathidasan University	April 2018

**Details of M.Phil Degree awarded Scholars**

<b>S.No</b>	<b>Name of the Scholar</b>	<b>Title of the dissertation</b>	<b>University</b>	<b>Year of passing</b>
1	H.Hameed Natchia 2K10FT-35574	Impact of Profenofos on physiology and histopathology of gill in cat fish, <i>Mystus gulio</i> (Hamilton)	Bharathidasan	2011
2	T.Sivaprakasam 2K10FT-35585	Phytoplankton diversity and Physico-Chemical parameters of river Cauvery at Madukkur, Thanjavur Dist	Bharathidasan	2011
3	U.V.Abhilash 2K11FT-36927	Studies on physico-chemical parameters and phytoplankton diversity of River Cauvery in Thanjavur Dist, Tamil Nadu.	Bharathidasan	2012
4	P.Masilamani 2K11FT-36935	Studies on seasonal variation and fungal diversity of marine ecosystem in Thanjavur District of Tamil Nadu, India	Bharathidasan	2012
5	C.Vidyasagaran 2K11FT-36953	Studies on food and feeding biology and biochemical composition of the tiger shrimp, <i>Penaeus monodon</i> in Mallipattinam coast at Thanjavur Dist, Tamil Nadu.	Bharathidasan	2012
6	A.Vinothkumar 2K11FT-36954	Studies on physico-chemical parameters and zooplankton diversity of Indian major carp culture ponds in Thanjavur Dist, Tamil Nadu	Bharathidasan	2012
7	K.Rajaraman 2K11FT-36942	Thermal disinfestations of cigarette beetle, <i>Lasioderrma serricornis</i> (F.) (COLEOPTERA; ANOBIIDAE)	Bharathidasan	2012
8	P.Rajasekaran 2K12FT-38584	Impact of cadmium on physiology and histopathology of muscle tissue in Indian major carp, <i>Catla catla</i> (Hamilton)	Bharathidasan	2013
9	R.Kalaiselvi 2K12FT-38581	Effect of cadmium toxicity against Histopathological changes of gill, Hepatopancreas and muscle tissues in white shrimp, <i>Litopenaeus vannamei</i>	Bharathidasan	2013
10	C.Sucitha 2K10FT-35587	Effect of Aluminium toxicity on the oxygen consumption and biochemical response of the Indian major carp, <i>Catla catla</i>	Bharathidasan	2014

11	T.V.Ramkumar 2K14FT-40985	Isolation of gut microflora and screening of extracellular enzymes in the fresh water fish, <i>Oreochromis mossambicus</i> (Peter,1852)	Bharathidasan	2015
12	D.Nancy 2K16FT-16173	Biochemical and cytological changes of Indian white shrimp, <i>Litopenaeus vannamei</i> exposed to chlorpyrifos	Bharathidasan	2017
13	P.Karpagam 2K17FT-18161	Acute toxicity and biochemical changes of a combination of chlorpyrifos and cypermethrin (Nurocombi) insecticide in the mangrove crab, <i>Episessarma tetragonum</i> (Fabricius, 1798)	Bharathidasan	2018

#### 16. RESEARCH PAPER PUBLICATIONS (NATIONAL/INTERNATIONAL)

S.No.	Title of the Paper & Authors	Journal Name	Vol & Number	Month & Year	Citation index	Impact Factor
1	Commercial sea bass seed production- RGCA shows the way. Thampi samraj.Y.C., Vinod.P.N., Ramar.G., <b>Maharajan.A.</b> and Dhandapani.K	<i>Info fish International</i>	2 : 8-13	2003	-	-
2	Continuous live feeding enhances sea bass larvae growth. Thampi samraj.Y.C., <b>Maharajan.A.</b> , Ganesh.K., Ramar.G., Ramasamy.A. and Dhandapani.K	<i>Asian Aquaculture Magazine</i>	26-27	Sep 2003	-	-
3	Shrimps survive white spot syndrome virus challenge following treatment with <i>Vibrio</i> bacterin. M Rosalind George, <b>A Maharajan</b> , K Riji John & M J Prince Jeyaseelan <a href="http://nopr.niscair.res.in/handle/123456789/6339">http://nopr.niscair.res.in/handle/123456789/6339</a>	<i>Indian Journal of Experimental Biology.</i>	44: 63-67	Jan 2006	22	0.8
4	Asian sea bass, <i>Lates calcarifer</i> (Bloch) seed production and Hatchery techniques. <b>Maharajan.A.</b>	<i>Fishing Chimes</i>	28 (12): 21-23	2009	-	-

5	Diseases of Asian sea bass, <i>Lates calcarifer</i> (Bloch) under farming. <b>Maharajan.A</b>	<i>Fishing Chimes</i>	29(7): 28-31	2009	-	-
6	Sublethal effect of copper on the frequency of electrical conductivity in the muscle tissue of spiny lobster, <i>Panulirus homarus</i> (Linnaeus,1758). <b>Maharajan.A.,</b> Rajalakshmi.S., Soumya halder and Vijayakumaran.M	<i>Journal of Aquatic Biology</i>	25(2): 1-4	2010	-	-
7	Identification of <i>Vibrio harveyi</i> as a causative bacterium for a tail rot disease of sea bream <i>Sparus aurata</i> from research hatchery in Malta. S. Haldara, <b>A. Maharajan</b> , S. Chatterjee, S.A. Hunter, N. Chowdhury, A. Hinenoya, M. Asakura S. Yamasakia <a href="https://www.sciencedirect.com/science/article/pii/S0944501309001177">https://www.sciencedirect.com/science/article/pii/S0944501309001177</a>	<i>Microbiological Research</i>	165(8) 639-648.	Oct 2010	77	5.145
8	Effect of Copper on Morphology, Weight and Chromosomal Aberrations in the Spiny Lobster, <i>Panulirus homarus</i> (Linnaeus, 1758) <b>A. Maharajan</b> , B. Vaseeharan, S. Rajalakshmi, M. Vijayakumaran, P. Kumarasamy &J. C. Chen <a href="https://link.springer.com/article/10.1007/s12011-011-9110-1">https://link.springer.com/article/10.1007/s12011-011-9110-1</a>	Biological Trace Element Research	<b>144</b> pages 769–780	June 2011	13	3.738
9	Sublethal Effect of Copper Toxicity Against Histopathological Changes in the Spiny Lobster, <i>Panulirus homarus</i> (Linnaeus, 1758) <b>A. Maharajan</b> , S. Rajalakshmi, M. Vijayakumaran, P. Kumarasamy <a href="https://link.springer.com/article/10.1007/s12011-011-9173-z">https://link.springer.com/article/10.1007/s12011-011-9173-z</a>	Biological Trace Element Research	<b>145</b> , page s 201–210	August 2011	35	3.738

10	Antifouling effect of bioactive compounds from marine sponge <i>Acanthella elongata</i> and different species of bacterial film on larval attachment of <i>Balanus Amphitrite</i> (Cirripedia, Crustacea) Ganapiriya.V., <b>Maharajan.A.</b> , Kumarasamy.P <a href="https://www.scielo.br/j/babt/a/z6mPtfCnyQyJ5ZcdzRQyhvg/?format=pdf&amp;lang=en">https://www.scielo.br/j/babt/a/z6mPtfCnyQyJ5ZcdzRQyhvg/?format=pdf&amp;lang=en</a>	<i>Brazilian Archives of Biology and Technology</i>	Vol.55. No.2. pp 395-402	June 2012	11	0.7
11	Effect of Aluminium Chloride Toxicity against Histopathology of Gill and Liver tissue of Indian Major Carp, <i>Catla catla</i> (Hamilton). <b>Maharajan. A.</b> , Parurukmani.P.S. <a href="http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.644.6751&amp;rep=rep1&amp;type=pdf">http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.644.6751&amp;rep=rep1&amp;type=pdf</a>	<i>International Journal of Pharma and Biosciences</i>	3 (3): B: 523-530	July 2012	4	SJIF: 7.446
12	Biochemical changes in haemolymph of fresh water crab, <i>Paratelpusa jacquemontii</i> (Rathbun) exposed to copper. <b>Maharajan. A.</b> , Shanmugavel. K., Parurukmani.P.S. <a href="https://www.sciencepubco.com/index.php/ijbas/article/view/223">https://www.sciencepubco.com/index.php/ijbas/article/view/223</a>	<i>International Journal of Basic and Applied Sciences</i>	1 (4) pp 421-428	2012	3	-
13	Impact of Profenofos on Oxygen Consumption and Gill Histopathology of the Fresh Water Crab, <i>Paratelpusa jacquemontii</i> (Rathbun). <b>Maharajan. A.</b> Neelakandamoorthy.K., Kumarasamy.P. <a href="http://medicaljournals.stmjournals.in/index.php/RRJoT/article/view/1286">http://medicaljournals.stmjournals.in/index.php/RRJoT/article/view/1286</a>	Research & Reviews: A Journal of Toxicology	2 (2), Pages 46-55	August 2012	4	-
14	Fecundity and viability of eggs in wild breeders of spiny lobsters, <i>Panulirus homarus</i> (Linnaeus, 1758), <i>Panulirus versicolor</i> (Latrielle, 1804) and <i>Panulirus ornatus</i> (Fabricius, 1798).	<i>Journal of Marine Biological Association of India</i>	54 (2), 18-22	Dec 2012	17	NAAS IF: 5.2

	M. Vijayakumaran, <b>A.Maharajan</b> , S. Rajalakshmi, P. Jayagopal, M. S. Subramanian and M. C. Remani. <a href="http://mbai.org.in/php/journaldload.php?id=2256&amp;bkid=107">http://mbai.org.in/php/journaldload.php?id=2256&amp;bkid=107</a>					
15	Effect of copper in protein, carbohydrate and lipid contents of the juvenile lobster, <i>Panulirus homarus homarus</i> (Linnaeus, 1758). <b>Maharajan, A.</b> , Rajalakshmi, S and Vijayakumaran, <b>M.</b> <a href="https://sljas.sljol.info/article/abstract/10.4038/sljas.v17i0.6853/">https://sljas.sljol.info/article/abstract/10.4038/sljas.v17i0.6853/</a>	<i>Sri Lanka Journal of Aquatic Sciences.</i>	17: 19-34.	April 2014	6	-
16	Vibriostatic effects of probiotic <i>Bacillus licheniformis</i> Dahb1 and its molecular phylogeny resolved through RAPD markers. David Jayaseelan Baranabas, Vaseeharan Baskaralingam, <b>Maharajan Athisuyambulingam</b> , Shanthi sathappan , Gopalakrishnan Vinoj. <a href="https://link.springer.com/article/10.1007/s13213-013-0623-z">https://link.springer.com/article/10.1007/s13213-013-0623-z</a>	<i>Annals of Microbiology</i>	Vol.63. Issue: 4, pp: 1601-1609	March 2013	9	2.151
17	Effect of Nitrite on Oxygen Consumption and Ammonia Excretion of the Fresh Water Crab, <i>Paratelphusa jacquemontii</i> (Rathbun) <b>Maharajan. A.</b> , B. S. Vijaykumar, Y. Narayanasamy, P. S. Paruruckmani, R. Archana <a href="http://pharmajournals.stmjournals.in/index.php/RRJoPS/article/view/463">http://pharmajournals.stmjournals.in/index.php/RRJoPS/article/view/463</a>	<i>Research &amp; Reviews: A Journal of Pharmaceutical Science</i>	4 (1) 20-24	2013	2	-
18	Sublethal effect of profenofos on oxygen consumption and gill histopathology of the Indian Major carp, <i>Catla catla</i> (hamilton). <b>Maharajan, A.</b> , Usha, R., Paruruckmani, P.S., Vijaykumar, B.S., Ganapiriya. V. and Kumarasamy. P.	<i>International Journal of Pure and Applied Zoology</i>	1(1): 196-204	June 2013	23	0.765



	<a href="https://www.alliedacademies.org/articles/sublethal-effect-of-profenofos-on-oxygenconsumption-and-gill-histopathology-of-the-indianmajor-carp-catla-catla-hamilton.pdf">https://www.alliedacademies.org/articles/sublethal-effect-of-profenofos-on-oxygenconsumption-and-gill-histopathology-of-the-indianmajor-carp-catla-catla-hamilton.pdf</a>					
19	Spatial and Temporal prevalence of <i>Culex quinquefasciatus</i> (SAY) in Southeast region of Puducherry. Rajalakshmi, S., Velvizi, S. and <b>Maharajan, A.</b> <a href="http://journalcra.com/sites/default/files/issue-pdf/4441.pdf">http://journalcra.com/sites/default/files/issue-pdf/4441.pdf</a>	<i>International Journal of Current Research</i>	5(11): 3400-3403	Nov 2013	-	ISI 1.532
	Ligand docking and binding aite analysis with PYMOL and AUTODOCK in elimination of Lymphatic filarisis. Rajalakshmi, S., Velvizi, S., <b>Maharajan, A.</b> and Shyamaladevi, K. <a href="http://journalcra.com/sites/default/files/issue-pdf/4435.pdf">http://journalcra.com/sites/default/files/issue-pdf/4435.pdf</a>	<i>International Journal of Current Research</i>	5(11): 3393-3399	Nov 2013	-	ISI 1.532
20	Early larval stages of the spiny lobsters, <i>Panulirus homarus</i> , <i>Panulirus versicolor</i> and <i>Panulirus ornatus</i> cultured under laboratory conditions. Vijayakumaran, M., <b>Maharajan, A.</b> , Rajalakshmi, S., Jayagopal, P and Remani, M. C. <a href="https://www.journalijdr.com/sites/default/files/issue-pdf/1507.pdf">https://www.journalijdr.com/sites/default/files/issue-pdf/1507.pdf</a>	<i>International Journal of Development Research</i>	4 (2): 377-383	Feb 2014	3	-
21	Comparative evaluation of <i>Penaeus monodon</i> (Fabricius, 1798) culture in Different saline grow-out systems in India. Vijaykumar. B.S. and <b>Maharajan. A.</b> <a href="https://www.journalijdr.com/sites/default/files/issue-pdf/1526.pdf">https://www.journalijdr.com/sites/default/files/issue-pdf/1526.pdf</a>	<i>International Journal of Development Research</i>	4(3): 708-716	March 2014	-	-

22	Effect of copper on the characterization of proteins in the Spiny lobster, <i>Panulirus homarus homarus</i> (Linnaeus, 1758). <b>Maharajan, A.</b> , Rajalakshmi, S and Vijayakumaran, M. <a href="http://ij-aquaticbiology.com/index.php/ijab/article/view/76/146">http://ij-aquaticbiology.com/index.php/ijab/article/view/76/146</a>	<i>International Journal of Aquatic Biology</i>	2(3): 129-137	March 2014	2	0.454
23	Brachyuran crab diversity in Muthupettai mangroves on southeast coast of Tamil Nadu. <b>Maharajan.A.</b> Ganapiriya.V and Shanmugavel.K. <a href="https://www.fisheriesjournal.com/archives/2015/vol2issue5/PartA/2-5-34.pdf">https://www.fisheriesjournal.com/archives/2015/vol2issue5/PartA/2-5-34.pdf</a>	<i>International Journal of Fisheries and Aquatic Studies</i>	2(5): 30-31	March 2015	-	0.352
24	Surface ultra structural changes in the gill and liver tissue of Asian sea bass, <i>Lates calcarifer</i> (Bloch) exposed to copper. Paruruckumani.P.S, <b>Maharajan.A.</b> , Ganapiriya.V, Narayanaswamy.Y, Raja Jeyasekar.R. <a href="https://link.springer.com/article/10.1007/s12011-015-0370-z">https://link.springer.com/article/10.1007/s12011-015-0370-z</a>	<i>Biological Trace Element Research</i>	168 (2), 500-507	May 2015	19	3.738
25	Characterization of protein profile in the Asian sea bass, <i>Lates calcarifer</i> (Bloch) exposed to copper. Paruruckumani, P.S, <b>Maharajan.A.</b> Seema, P. Fazildheen, M., Ganapiriya. V and Kumarasamy.P. <a href="https://www.fisheriesjournal.com/archives/2015/vol2issue6/PartF/2-6-83.pdf">https://www.fisheriesjournal.com/archives/2015/vol2issue6/PartF/2-6-83.pdf</a>	<i>International Journal of Fisheries and Aquatic Studies</i>	2(6): 409-415	May 2015	-	0.352
26	Bioaccumulation and Ultra structural alterations of gill and liver in Asian Sea bass, <i>Lates calcarifer</i> (Bloch)in sublethal copper exposure.  Paruruckumani,P.S. <b>Maharajan, A.</b> Ganapiriya, V, Kumarasamy.P.	<i>Aquatic Living Resources</i>	28, 33–44	March 2015	12	1.885

	<a href="https://www.alr-journal.org/articles/alr/abs/2015/01/alr150017/alr150017.html">https://www.alr-journal.org/articles/alr/abs/2015/01/alr150017/alr150017.html</a>					
27	Histological alterations of a combination of Chlorpyrifos and Cypermethrin (Nurocombi) 2 Insecticide in the fresh water crab, <i>Paratelphusa jacquemontii</i> (Rathbun). <b>Maharajan, A.</b> Narayanasamy, Y. Ganapiriya, V. Shanmugavel, K. <a href="https://www.sciencedirect.com/science/article/pii/S2090989615000466">https://www.sciencedirect.com/science/article/pii/S2090989615000466</a>	<i>The Journal of Basic and Applied Zoology</i>	72 : 104-112	Oct 2015	33	-
28	Acute toxicity bioassay of copper on the juveniles of Asian sea bass, <i>Lates calcarifer</i> (Bloch). Paruruckumani, P.S, <b>Maharajan.A.</b> and Seema, P. <a href="https://www.fisheriesjournal.com/archives/2015/vol3issue2/PartE/3-2-33.pdf">https://www.fisheriesjournal.com/archives/2015/vol3issue2/PartE/3-2-33.pdf</a>	<i>International Journal of Fisheries and Aquatic Studies</i>	3(2): 337-342	Oct 2015	2	0.352
29	Seminal biochemistry of mangrove crab, <i>Parasesarma plicatum</i> (Latreille, 1803). Ganapiriya, V., Shyla suganthi A., and <b>Maharajan, A.</b> <a href="https://www.textroad.com/pdf/JAEBS/J.%20Appl.%20Environ.%20Biol.%20Sci.,%206(5)1-9,%202016.pdf">https://www.textroad.com/pdf/JAEBS/J.%20Appl.%20Environ.%20Biol.%20Sci.,%206(5)1-9,%202016.pdf</a>	<i>Journal of Applied Environmental and Biological Sciences</i>	6(5)1-9	May 2016		0.702
30	Histoanatomy of androgenic gland of a brychuran crab, <i>Parasesarma plicatum</i> (Latrielle, 1803). Ganapiriya, V., Shyla suganthi A., and <b>Maharajan, A.</b> <a href="https://www.ijab.com/pdffreader/12/">https://www.ijab.com/pdffreader/12/</a>	<i>International Journal of Zoology and Applied Biosciences</i>	1 (1) : 27-31	Feb 2016	-	-
31	Histopathological changes in gill and hepatopancreas of mangrove crab, <i>Perisesarma bidens</i> exposed to profenofos.	<i>International Journal of Zoology and Applied Biosciences</i>	1 (6) : 283-290	Dec 2016	-	-

	<p><b>Maharajan, A.</b>, Ganapiriya, V. Shanmugavel, K., Amsath.A and Kasthuri.S.  <a href="https://www.ijab.com/pdfreader/62/">https://www.ijab.com/pdfreader/62/</a></p>					
32	<p>Biochemical response of Asian sea bass, <i>Lates calcarifer</i> (Bloch) sublethal copper exposure. Paruruckumani, P.S, <b>Maharajan.A.</b>,Fazildheen, M., Ganapiriya. V.  <a href="https://www.ijab.com/pdfreader/23/">https://www.ijab.com/pdfreader/23/</a></p>	<p><i>International Journal of Zoology and Applied Biosciences</i></p>	1 (2) : 86-93	Feb 2016	-	-
33	<p>Histopathology biomarker responses in Asian sea bass, <i>Lates calcarifer</i> (Bloch) exposed to copper. <b>Maharajan, A .</b>, Rufus Kitto. A., Paruruckumani,P.S.. Ganapiriya, V.  <a href="https://www.sciencedirect.com/science/article/pii/S2090989616000266">https://www.sciencedirect.com/science/article/pii/S2090989616000266</a></p>	<p><i>The Journal of Basic and Applied Zoology</i></p>	77, 21–30	Oct 2016	31	-
34	<p>Histology Biomarkers in Muscle and Ovary of Mangrove Crab, <i>Perisesarma bidens</i> Exposed to Profenofos. <b>Maharajan. A.</b>, Ganapiriya, V and Shanmugavel, K.  <a href="https://article.sciencepublishinggroup.com/html/10.11648.j.ijbse.20170501.11.html">https://article.sciencepublishinggroup.com/html/10.11648.j.ijbse.20170501.11.html</a></p>	<p><i>International Journal of Biomedical Science and Engineering</i></p>	5(1): 1-8	Feb 2017	-	-
35	<p>Ultrastructure of the male accessory glands of sesarmid crab, <i>Parasesarma plicatum</i> (Latreille, 1803). Viswambaran Ganapiriya., Arundathi Shyla Suganthi and <b>Athisuyambulingam Maharajan</b>  <a href="https://www.sciencedirect.com/science/article/pii/S2213879X16300232">https://www.sciencedirect.com/science/article/pii/S2213879X16300232</a></p>	<p><i>Journal of Microscopy and Ultrastructure</i></p>	5 (2): 111-117	June 2017	1	-

36	Haematological Changes of Fresh Water Crab, <i>Paratelphusa jacquemontii</i> in Response to the Combination of Chlorpyrifos and Cypermethrin (Nurocombi) Insecticide. <b>Maharajan A</b> , Narayanaswamy Y, Ganapiriya, V. <a href="https://www.jscimedcentral.com/Aquaculture/aquaculture-4-1041.pdf">https://www.jscimedcentral.com/Aquaculture/aquaculture-4-1041.pdf</a>	<i>Annals of Aquaculture Research</i>	4(3): 1041-	August 2017	-	-
37	Toxicity and Bioaccumulation of mercury on the juvenile of Asian sea bass, <i>Lates calcarifer</i> (Bloch). Fazildheen. M, <b>Maharajan, A</b> , Ganapiriya, V. and Amsath.A. <a href="http://www.zoologyresources.com/uploadfiles/researchpapers/8e24105cf78c348fbb8fc5ba35849787.pdf">http://www.zoologyresources.com/uploadfiles/researchpapers/8e24105cf78c348fbb8fc5ba35849787.pdf</a>	<i>International Journal of Zoology and Applied Biosciences</i>	3 (1) : 231-238	April 2018	-	-
38	Biochemical changes of fresh water crab, <i>Paratelphusa jacquemontii</i> in response to the combination of Chlorpyrifos and Cypermethrin (Nurocombi) insecticide. Shanmugavel, K. Fazildheen. M, Narayanaswamy, Y, Usha.D, Shanmuganathan, A. Ganapiriya, Vand <b>Maharajan, A</b> . <a href="https://www.ijpbs.com/ijpbsadmin/upload/ijpbs_5cdcf27d7422.pdf">https://www.ijpbs.com/ijpbsadmin/upload/ijpbs_5cdcf27d7422.pdf</a>	<i>International Journal of Pharmacy and Biological Sciences</i>	9(1): 295-304	Jan 2019	-	-
39	Cytopathological changes of gills and muscles in Asian Sea Bass, <i>Lates calcarifer</i> (Bloch) exposed to mercury. D Usha, <b>A.Maharajan</b> , V.Ganapiriya, SM Fazildheen. <a href="https://www.entomologyjournals.com/archives/2021/vol6/issue2/6-2-47">https://www.entomologyjournals.com/archives/2021/vol6/issue2/6-2-47</a>	<i>International Journal of Entomology Research</i>	6 (2): 191-197	April 2021	-	-
40	Acute Toxicity bioassay of dichlorvos on the Juveniles of Asian Sea Bass, <i>Lates calcarifer</i> (Bloch). D Usha, <b>A.Maharajan</b> , V.Ganapiriya. <a href="https://www.entomologyjournals.com/archives/2021/vol6/issue2/6-2-46">https://www.entomologyjournals.com/archives/2021/vol6/issue2/6-2-46</a>	<i>International Journal of Entomology Research</i>	6 (2): 198-202	April 2021	-	-

41	<p>Cytopathological and Ultrastructural changes in the male reproductive organs of freshwater crab <i>Paratelphusa jacquemontii</i> (Rathbun) exposed to nurocombi. Shanmuganathan Archunan, <b>Maharajan Athisuyambulingam</b>, Kumara Perumal Pradhoshini, Narayanaswamy Yelappu, Ganapiriya viswambaran, Muthukumaravel Kannayiram, Marckasagayam Priyadharshini, Mohamed Saiyad Musthafa, Caterina Faggio.</p> <p><a href="https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/jemt.24000">https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/jemt.24000</a></p>	<i>Microscopy and Research Technique</i>	<a href="https://doi.org/10.1002/jemt.24000">https://doi.org/10.1002/jemt.24000</a>	Nov 2021	1	-
42	<p>Biochemical and cytological changes of whiteleg shrimp, <i>Litopenaeus vannamei</i> exposed to chlorpyrifos. A Shanmuganathan, <b>A Maharajan</b>, V Ganapiriya, D Nancy.</p> <p><a href="https://www.entomologyjournals.com/archives/2021/vol6/issue6/6-6-35">https://www.entomologyjournals.com/archives/2021/vol6/issue6/6-6-35</a></p>	<i>International Journal of Entomology Research</i>	6 (6): 174-179	Nov 2021	-	-

#### 17. RESEARCH PAPER PUBLICATIONS (NATIONAL/INTERNATIONAL CONFERENCE PROCEEDINGS)

- 1 **Maharajan.A** and Vijayakumaran.M. 2004. Copper toxicity in the spiny lobster, *Panulirus homarus* (Linnaeus). *Proceedings of the National Seminar on New Frontiers in Marine Bioscience Research*. NIOT, Chennai. P: 205-212. (ISBN: 81-7764-580-3)
- 2 Sajin.C and **Maharajan. A**. 2009. Antibiotic activity of medicinal plants in India. *Fifth All India Conference of KAAS. Sciences. Vol.III. Microbiology P: 1-4*. (ISBN: 978-81-909710-0-3)
- 3 Subitha.R and **Maharajan. A**. 2009. Antibacterial activity of selected herbal plant extracts in *Vibrio harveyi* and *Vibrio parahemolyticus*. *Fifth All India Conference of KAAS. Sciences. Vol.III. Microbiology P: 5-6*. (ISBN: 978-81-909710-0-3).
- 4 **Maharajan.A**, Sivakumar.B , Kumarasamy.P and Ganapiriya.V. 2011. Probiotics and their uses in Aquaculture. *Proceedings of National Seminar on Emerging Trends and Challenges in Aquatic Biotechnology*. P: 9-12

- 5 Ganapiriya.V, **Maharajan.A**, Sivakumar.B and Kumarasamy. P.2011. Antifouling activity of marine bacterial film against the settling of larvae of barnacle, *Balanus Amphitrite*. *Proceedings of National Seminar on Emerging Trends and Challenges in Aquatic Biotechnology*. P: 116-119.
- 6 **Maharajan.A**, and Kumarasamy.P.2012. Bioresources and the Diversity of Gulf of Mannar. *Proceedings of National conference on Recent Advances in Computational Biology*. P: 64-68. (ISBN:978-81-907647-9-7).
- 7 Vasudhevan. I, **Maharajan.A**, Asokan.A, Rajaselvam.J and RamaDevi.P.2012. Effect of food quality on growth and maturation in angel fish, *Pterophyllum scalare*. *Proceedings of National Seminar on Live Jewels breeding and management techniques*. P: 53-57. (ISBN: 978-93-80819-12-9).
- 8 **Maharajan.A**, Vasedhevan.I and Kumarasamy.P.2012. Use of antibiotics in Ornamental Fish culture. *Proceedings of National Seminar on Live Jewels breeding and management techniques*. P: 77-81. (ISBN: 978-93-80819-12-9).
- 9 Ganapiriya. V and **Maharajan.A**. 2015. Antimicrobial activity of chitin and chitosan from crustaceans. *Advances in Natural Medicines and Nutraceuticals*. CYBA Publication Series –IV, P: 127-133.
- 10 **Maharajan. A.** and Ganapiriya. V. 2015. Antimicrobial peptides from haemolymph of marine crustaceans. *Advances in Natural Medicines and Nutraceuticals*. CYBA Publication Series –IV, P: 143-152.

#### 18. Seminars / Conferences / Workshops Attended

1. State level seminar on “Water Pollution and Management” conducted on **5-02-2010** at Vivekananda college, Agastheeswaram, Kanyakumari.
2. State level symposium in “Microbiology” conducted on **26-3-2010 to 27-3-2010** at Sivanthi Adithanar College, Pillayarapuram, Kanyakumari.
3. National Seminar on “Biodiversity Conservation and Management of Aquatic Resources” (NABCMA-2010) conducted on **9-12-2010 to 10-12-2010**. Organized by Directorate of Research Extension (Fisheries), TANUVAS, Fisheries College and Research Institute, Thoothukudi.
4. National Workshop on “ Marine Finfish farming with focus on cobia to improve the livelihood of fishers conducted on **11-1-2011 to 12-1-2011** at TANUVAS, Fisheries College and Research Institute, Thoothukudi.
5. National Workshop on “Emerging Infectious diseases and Management” conducted on **27-1-2011 to 28-1-2011** at Thiru.Vi.Ka. Govt.Arts College,Thiruvarur

6. National Seminar on “Emerging Trends and Challenges in Aquatic Biotechnology” conducted on **12-2-2010 to 13-2-2011** at PG and Research Department of Zoology, Khadir Mohideen College, Adirampattinam.
7. Indo-UK Workshop on “Shrimp Aquaculture Challenges & Innovative Solutions” conducted on **27<sup>th</sup> January 2012** at Hotel Singar International, Kanyakumari, organized by the Department of Bioinformatics, Bharathidasan University, India in Collaboration with School of Biological Sciences, University of London, UK.
8. National Conference on “Recent Advances in Computational Biology” conducted on **9<sup>th</sup> March 2012** at PG & Research Department of Zoology, Govt Arts College, Karur.
9. National seminar on “Recent Trends in Public Health Medicine” conducted on **14<sup>th</sup> March 2012** at Vivekananda College, Agastheeswaram, Kanyakumari.
10. International Conference on “Globalization of Indian Medicine” conducted on **12<sup>th</sup> September 2012** at Vivekananda College, Agastheeswaram, Kanyakumari.
11. National Seminar on “ Live Jewels breeding and management techniques” conducted on **12<sup>th</sup> October 2012** at Vivekananda College, Agastheeswaram, Kanyakumari.
12. National workshop on “Cobia Culture” conducted on **1<sup>st</sup> & 2<sup>nd</sup> March 2013** at Fisheries College and Research Institute ,Thoothukudi.
13. National conference on “Dengue and Chikungunya Epidemiology and their Management in India” conducted on **30<sup>th</sup> and 31<sup>st</sup> August, 2013** at Scott Christian College, Nagercoil, Kanyakumari.
14. National conference on “Environmental Issues & Challenges- Vision 2020” conducted on **27<sup>th</sup> and 28<sup>th</sup> September, 2013** at Annamalai University, Chithambaram.
15. International seminar on “Recent Trends in Aquatic Animal Biotechnology” conducted on **21<sup>st</sup> and 22<sup>nd</sup> October, 2013** at Department of Animal Health & Management, Alagappa University, Karaikudi.
16. Department of Environment, Govt of Tamil Nadu sponsored seminar on “**Recent Trends and Strategies in Biodiversity Conservation**” conducted on **16-17<sup>th</sup> April, 2015** at St. John’s College, Palayamkottai. **(2 days)**.
17. Department of TNSCST, ICMR sponsored National Workshop on “**Identification and preparation of keys of snakes with special reference to their venomous nature in India**” conducted on **26-27<sup>th</sup> August, 2015** at Department of Zoology and Wild life Biology, Govt.Arts College, Udhamandalam. **(2 days)**.



18. National seminar on “Advances in Natural Medicines and Nutraceuticals” conducted on **12<sup>th</sup> September, 2015** at CYBA, Nagercoil.
19. National seminar on “**Recent trends and Challenges in Biosciences**” conducted on **16<sup>th</sup> October 2016** at PG & Research Department of Zoology, Khadir Mohideen College, Adirampattinam.
20. National workshop on “**Biodiversity and conservation of aquatic resources (BioCAR’ 2016)**” conducted on 10<sup>th</sup> and 11<sup>th</sup> November, 2016 at Fisheries Training and Research Centre, Directorate of Extension Education, Tamil Nadu Fisheries University, Parakkai, Kanyakumari District.
21. National seminar on “**Awareness on pathogen carriage, prevention and personal health promotion among rural adolescent learners of higher education**” conducted on 28<sup>th</sup> July 2017 at Department of Microbiology, M.R.Govt. Arts college, Mannarkudi.
22. **Two day Scicene Academies’ Lecture workshop on Recent advances in Biology conducted from 12<sup>th</sup> to 13<sup>th</sup> October 2017** at Department of Microbiology, M.R.Govt. Arts college, Mannarkudi.
23. National Seminar on “**Emerging challenges in biodiversity conservation with special reference to recent trends in ecotoxicology**” organised by Department of Zoology, Milad-E-Sherief Memorial College, Kayamkulum, Alappuzha on 26-27<sup>th</sup> February 2018.
24. National seminar on “**Sensitizing the women on environment Issues**” organised by Rajah Serfoji Government College, Thanjavur on 22<sup>nd</sup> and 23<sup>rd</sup> March 2018.
25. National level Seminar on “**Scientific and Technological development for the welfare of community**” organised by Syed Ammal Arts & Science College, Ramanathapuram on 4<sup>th</sup> and 5<sup>th</sup> and 6<sup>th</sup> April 2018.
26. National seminar on “**Biodiversity- A resource for future sustenance**” organised by Scott Chritian College, Nagercoil on 27<sup>th</sup> and 28<sup>th</sup> September 2018.
27. National conference on “**Future Trends in Marine Biotechnology**” organised by Centre for Marine Science and Technology, Manonmanium Sundaranar University, Rajakkamangalam, Kanyakumari on 14<sup>th</sup> and 15<sup>th</sup> February 2019.

28. Presented a paper on National workshop in **“Biodiversity Assessment of Heepetofauna and other organisms”** conducted **from 26<sup>th</sup> and 28<sup>th</sup> February 2020** at Government Arts College, Udhamadalam.
29. Participated a UGC sponsored **“Enterpreenerial Training Programme in Aqua and Vermitechnology”** on **13<sup>th</sup> March 2020** at Rajah Serfoji Government college, Thanjavur.
30. Participated a Webinar on **“Environment Day 2020”** on **5<sup>th</sup> April 2020** at Government Arts College, Udhamadalam.
31. Participated a Webinar on **“Decoding Covid- 19: Ground realities of the new virus”** on **11<sup>th</sup> May 2020** at Stella Maris College, Chennai.
32. Participated a **International Webinar on “Covid-19 Vaccine Development”** on **15<sup>th</sup> May 2020** at Ayya Nadar Janaki Ammal College, Sivakasi.
33. Participated a International Virtual Lecture workshop on **20<sup>th</sup> May 2020** at Kongu Nadu Arts and Science College, Coimbatore.
34. Participated a International Webinar on **“Biodiversity”** on **22<sup>nd</sup> May 2020** at The American College, Madurai.
35. Participated a **Three days National level workshop on “DNA Barcoding”** from **22<sup>nd</sup> May to 24<sup>th</sup> May 2020** at Islamiah College, Vaniyambadi.
36. Participated a International Webinar on **“Biodiversity”** on **22<sup>nd</sup> May 2020** at The American College, Madurai.
37. Participated a Webinar on **“Fundamentals of Biostatistics”** on **23<sup>rd</sup> May 2020** at RV College of Engineering, Bengaluru.
38. Participated a National Webinar on **“Oppurtunities & Challenges in Ornamental Fish breeding with special reference to Nutritional requirements”** on **26<sup>th</sup> -27<sup>th</sup> May 2020** at College of Fishery science, Nanaji Deshmuch Veterinary Science University, Jabalpur.
39. Participated a Webinar on **“Antiviral Marine macroalgae sulfated polysaccharides to boost immunity as well as active against respiratory infections”** on **27<sup>th</sup> May 2020** at V.O. Chidambaram College , Thoothukudi.

40. Participated a Webinar on **“Wild life conservation Issues and Challenges in India”** on **28<sup>th</sup> May 2020** at Bharathiyar Arts & Science college for women, Salem.
41. Participated a International Webinar on **“The evolving field of Oncology and Career Transition”** on **28<sup>th</sup> May 2020** at Fatima Mata National College, Kollam.
42. Participated a Webinar on **“Gene and Drug delivery systems for Therapeutic Applications”** on **29<sup>th</sup> May 2020** at Sastra University, Thanjavur.
43. Participated a International Webinar on **“Nano- The Tiny Warrior- Engineering nanomedicine and drug delivery system”** on **30<sup>th</sup> May 2020** at Kongu Engineering College, Erode.
44. Participated a Webinar on **“Immunonutrient for Covid- 19 pandemic”** on **31<sup>st</sup> May 2020** at ST Hindu college, Nagercoil.
45. Participated a Webinar on **“Anti- carcinogenic effect of selected Medicinal plants against ovarian cancer”** on **2<sup>nd</sup> June 2020** at DAV College, Jalandhar.
46. Participated a National Level Webinar on **“Bioprocessing of Medicinal Plants: Challenges and Opportunities”** on **3<sup>rd</sup> June 2020** at VOC College, Thoothukudi.
47. Participated a International Webinar on **“House Plants mitigating the indoor Pollution”** on **5<sup>th</sup> June 2020** at Isabella Thoburn College, Lucknow.
48. Participated a International Webinar on **“Covid 10: The Pandemic Redefined”** from **5<sup>th</sup> – 6<sup>th</sup> June 2020** at School of Life Sciences, Pondicherry University, Puducherry.
49. Participated a Webinar on **“Commemoration of World Oceans Day”** on **8<sup>th</sup> June 2020** at Department of Marine Sciences, Bharathidasan University, Tiruchirappalli.
50. Participated a Webinar on **“Climate Change and waste Water Management”** organized by Pioneer Kumaraswamy College, Nagercoil on **11<sup>th</sup> June 2020**.
51. Participated a Webinar on **“Research, Innovations and Extension”** organized by IQAC, Khadir Mohideen College, Adirampattinam on **15<sup>th</sup> June 2020**.
52. Participated a Webinar on **“Impact of Plastic Pollution on Bio-Diversity”** organized by Department of Zoology, ST Hindu College, Nagercoil on **16<sup>th</sup> June 2020**.

53. Participated a International Webinar on **“Biological Sciences”** organized by Department of Zoology, Rajah Serfoji College, Thanjavur from **20<sup>th</sup> -22<sup>nd</sup> June 2020.**
54. Participated a Webinar on **”Understanding the Mysteries of Microbial Ecology”** organised by Aninasillingam Institute for Home Science and Higher Education for Women, Coimbatore on **22<sup>nd</sup> June 2020.**
55. Participated a Webinar on **“Basic Author Workshop Research Article Writing & Reference Management using Mendeley”** organised by Faculty of Science, Annamalai University in collaboration with ELSEVIER on **22<sup>nd</sup> June 2020.**
56. Participated a ICPR Sponsored National Webinar on **“Yoga conducted in connection with International Day of Yoga”** by the Department of Zoology, Rajah Serfoji College, Thanjavur from **1<sup>st</sup>-3<sup>rd</sup> July 2020.**
57. Participated a Webinar on **“Agricultural Biotechnology for Mitigating Climate Change”** organised by Bihar Agricultural University, Bhalpur on **3<sup>rd</sup> July 2020.**
58. Participated a Webinar on **“ Wild life resources of Oriental Region: Conservation Challenges”** organised by Faculty of Applied Sciences, AMIST University, Malaysia on **3<sup>rd</sup> July 2020.**
59. Participated a National Webinar on **“Fish Parasites are on the Rise”**organised by Department of Zoology, Govt. Arts College, Melur on **4<sup>th</sup> July 2020.**
60. Participated a **“Webinar on World Snakes Day”** organized by Department pf Zoology and Wildlife biology, Govt.Arts College, Udhagamandalam on **16<sup>th</sup> July, 2020.**
61. Participated a National Webinar on **“Sytagies to enhance Inland Fish Production in Chhattisgarh”** World Snakes Day” organised by College of Fisheries, Chhattisgarh held on **18<sup>th</sup> August, 2020.**
62. Participated a National level workshop on **“Intellectual Property rights”** organized by Sri Shivaji Science and Arts College, Chikli on **4<sup>th</sup> July 2021.**
63. Participated a National Webinar on **“ Feed Certification”** organised by Tamil Nadu Dr.J.Jayalaita Fisheries University, Institute for Post Graduate studies, OMR campus , Chennai on **14<sup>th</sup> September 2021.**
64. Participated National webinar on **“ Recent Advances in Medicinal Chemistry”** organised by Ayya Nadar Janaki Anmmal College, Sivakasi from 27-12-2021 to 28-12-2021.

65. Participated National webinar on “ **A magic bullet for the treatment of metastatic cercal cancer**” organised by Bharathidasan Govt college for women , Puducherry on 12<sup>th</sup> February 2022.

### 19. Books published

S. No.	Title of the book	Name of the Publisher	ISBN Number	Year
1.	Hatchery Technology and Culture of Asian Sea bass, <i>Lates calcarifer</i>	Saras Publication, Nagercoil	ISBN-978-81-89941-38-3	2008
2.	Resources in Gulf of Mannar	Saras Publication, Nagercoil	ISBN-978 - 81-89941- 44- 4	2009
3.	A Text book of Research Methodology, Biosafety, Bioethics, Patenting and IPR	Hari Krish Publication, Nagercoil	ISBN-978-81-908674-9-8	2009
4.	Virology	Daya Publication, New Delhi	ISBN(HB) 978-81-7035-6813 ISBN (PB)978-81-7035-680-6	2010
5.	Vermitechnology	Hari Krish Publication, Nagercoil	ISBN-978-93-80819-00-6	2011
6.	Microbiology	Hari Krish Publication, Nagercoil	ISBN-978-93-80819-01-3	2011

### 20. Reviewer of the following journal

Ecotoxicology and Environmental safely (Elsevier)  
 Food and Chemical Toxicology (Elsevier)  
 Ecotoxicology and Environmental Monitoring (Springer)  
 American Journal of Life sciences  
 Journal of Applied environmental and Biological Sciences (USA)  
 International Journal of Zoology and Applied Biosciences  
 Biological Segment  
 Turkish Journal of Fisheries and Aquatic Sciences

### 21. Membership in Academic Body/Board of Studies

UG Zoology Board of study member in Poombukar college, Melayoor (Affiliated to Bharathidasan University, Tiruchirappalli).

## 22. Details of Major/Minor Research Projects taken so far:

S.No.	Title of the Project	Funding Agency	Minor/Major	Grant	Period
1.	Evaluation of agricultural pesticides on the diversity of commercially important crustaceans at muthupettai mangrove ecosystem, South East Coast of Tamil Nadu, India	Science and Engineering Research Board, Department of Science and Technology, New Delhi	Major	Rs.24,30000/-	2014-2017

## 23. Orientation / Refresher/Short Term/MOOC/Other Courses Attended

- ICAR winter school on “Biotechnological Advances in Fish disease diagnosis and Health Management” (National level) organized by Virology Laboratory, Fisheries College and Research Institute, Thoothukudi, Tamil Nadu from **18<sup>th</sup> Nov to 8<sup>th</sup> Dec 2009. (21 days).**
- Orientation Course conducted by UGC Academic Staff College, Maduari Kamaraj University, Madurai from **12-11-2012 to 13-12-2012. (28 days).**
- SPSS hands on Training by UGC Academic Staff College, Bharathiar University, Coimbatore from **13-01-2013 to 09-01-2013 (7 days).**
- Training on ‘**Taxonomy and identification of commercially important crustaceans of India**’ Conducted by CMFRI Cochin from **20<sup>th</sup> to 24<sup>th</sup> August 2013. (5 days).**
- UGC, DBT and DST Sponsored National Seminar Cum workshop on “Microbial Phylogenetics and Proteomics” conducted on **12-14<sup>th</sup> February, 2014** at Department of Biotechnology, Alagappa University, Karaikudi. **(3 days).**
- Ministry of Human Resource Development, New Delhi sponsored Training Programme on “**Biodiversity of Marine Plankton**” conducted on **6-7<sup>th</sup> March, 2014** at CAS in Marine Biology, Annamalai University, Chithambaram. **(2 days).**
- Refresher course conducted by UGC Academic Staff college, University of Kerala, Thiruvananthapuram from **02-07-2014 to 22-07-2014. ( 21 days).**
- Participated a Two week MOOC Workshop for college Teachers on “**Management of Environment and its Resources**” from **28<sup>th</sup> April to 11<sup>th</sup> May 2020** conducted by Nesamony Memorial Christial College, Marthandam and St.Xavier’s College, Palayamkottai.

- Participated a Five days MOOC course on “ **Ornapreneurship Development**” from **14<sup>th</sup> May to 18<sup>th</sup> May 2020** organised by Kamadhenu University, GandiNagar, Gujarat.
- Participated a Three days Training Programme on “**Apiculture**” from **13<sup>th</sup> May to 15<sup>th</sup> May 2020** at Ayya Nadar Janaki Ammal College, Sivakasi.
- Completed Four weeks International Faculty Development Online Certificate Course on “**Medical Bacteriology**” organized by **Department of Microbiology, Sacred Heart College, Tirupattur, Tamil Nadu** in association with **Microbiologist Society of India and Laboratory of Chemical and Biological Analysis, Rio Janeiro State University, Brazil** from **1<sup>st</sup> -30<sup>th</sup> June, 2020**.
- Three days **Virtual Training course** on “Techniques in Intensive Production of Marine Copepods” held during **15-17<sup>th</sup> June 2020** organized by Department of Marine Sciences, Bharathidasan University, Tiruchirappalli.
- Online Training cum Awareness Programme on “**Biofloc Culture**” organized by College of Fishery Science, Jabalpur Association with NFRD, Hyderabad held on **19<sup>th</sup> June 2020**.
- Two weeks Faculty Development Programme on “**Advanced Concepts for Developing MOOCS**” sponsored by MHRD, Ramanujan College, University of Delhi from **2<sup>nd</sup> -17<sup>th</sup> July, 2020**.
- **One Week Certificate Course on Apiculture** organised by Balwant College, Sangli, Shivaji University, Kolhapur from **13<sup>th</sup> -19<sup>th</sup> July, 2020**.
- Refresher course in **Life Sciences** conducted by **HRDC, Madurai Kamaraj University, Madurai** from **04-12-2020 to 22-12-2020. ( 14 days)**.
- Online Training cum awareness programme under ICAR- DoF Convergence on “**Marine Ornamental Fish Culture**” organized by Vizhinjam regional Centre of CMFRI, Vizhinjam on **26<sup>th</sup> February, 2021**.
- Six days Department of Biotechnology, Govt. of India sponsored National level short term course on “**Graphics Design for Teachers**” from **26-05-2021 to 31-05-2021** organized by Marian Star Centre, St. Mary’s College, Thoothukudi.
- One day online cum Awareness Programme on “**Biofloc culture**” organized **by College of Fishery Science, Jabalpur** on **19-06-2021**.

- Seven days FDP Programme on **“Entrepreneurship in Aquaculture”** organized by **Syed Ammal Arts and Science College**, Ramanathapuram from 25-02-2022 to 03-03-2022.

**Dr.A.MAHARAJAN**