



KHADIR MOHIDEEN COLLEGE
(M.K.N. MADHARASA TRUST - WAQF)
ADIRAMPATTINAM - 614701



STAFF PROFILE

1. Name : Dr. A. AMSATH
2. Gender : Male
3. Date of Birth : 04.03.1965
4. Designation : Associate Professor & Head
5. Date of Joining in Teaching Profession : 31.12.1989
6. Date of joining in our Institution : 31.12.1989
7. Address

Residential:

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8. **Google Scholar Link:**

<https://scholar.google.co.in/citations?user=SD1oku4AAAAJ&hl=en>

9. **Educational Qualifications (from SSLC level):**

S. No.	Examination Passed	College	Board/University	Year of Passing	Class
1	S.S.L.C.	Government High School Puluthipatti - 630 309	State Board of School Examination, Tamil Nadu	1980	II
2	Hr.Sec.	Government High School Puluthipatti - 630 309	State Board of School (Hr.Sec.) Examination,	1982	I

			Tamil Nadu		
3	M.Sc.	Jamal Mohamed College, Tiruchirappalli - 620020	Bharathidasan Tiruchirappalli - 24	1987	I
4	M.Phil.	Jamal Mohamed College, Tiruchirappalli - 620020	Bharathidasan Tiruchirappalli - 24	1988	I
5	Ph. D.	Jamal Mohamed College, Tiruchirappalli - 620020	Bharathidasan Tiruchirappalli - 24	2000	Com mente d

10. **Teaching experience** as on 01-09-2022: U.G : 33 Years

P.G : 33 Years

M.Phil.: 16 Years

Ph.D. : 18 Years

11.	Research Area of Specialization	: Aquatic Toxicology, Entomology, Microbiology & Hydrobiology
12.	Teaching Area of Specialization	: Invertebrata, Chordata, Economic Entomology, Apiculture, Biotechnology, Animal Taxonomy and Phylogeny, Coastal Geomorphology, Immunology, Research Methodology, Recent Trends in Zoology
13.	Languages known	: Tamil & English
14.	Computer Proficiency	: Window 10, Microsoft Office 2016 (Word, Excel and Power Point), Photoshop CS3.

15.	Research Supervision	: Ph.D. : Awarded - 15, Submitted : Nil, Pursuing: Nil
		: M.Phil.: Awarded - 50, Submitted : Nil, Pursuing: Nil

15a. Details of Ph.D. awarded scholars: 15

S. No.	Name of the Scholar	Title of the Thesis	University/College	Date of Viva
1	S. Niraimathi	Survey and studies on some	Bharathidasan/	06.10.2010

		clinical aspects of leptospirosis infected patients in Nagapattinam District, Tamil Nadu, India	Khadir Mohideen College	
2	A. Savari Muthu	Studies on toxicity of monocrotophos and neem oil on physiological, haemolymph profile, biochemical and histological responses of the female rice grasshopper, <i>Oxya nitidula</i>	Bharathidasan/ Khadir Mohideen College	10.10.2010
3	R.Sujatha	Studies on some clinical aspects and protein profile of malaria infected individuals in some coastal pockets of Tamil Nadu, India	Bharathidasan/ Khadir Mohideen College	17.07.2011
4	A. Senthamilselvan	Studies on individual and combined toxicity of copper and lead on physiological, biochemical and histological aspects of the indian major carp, <i>Catla catla</i> (Hamilton)	Bharathidasan/ Khadir Mohideen College	04.09.2011
5	T.R. Rajaram	Clinical findings, molecular typing and antibiotic susceptibility profile of nosocomial <i>Serratia marcescens</i> infection at Government General Hospital in Nagapattinam, Tamil Nadu, India	Bharathidasan/ Khadir Mohideen College	15. 10.2011
6	T. Senthilkumar	Studies on water quality parameters, biochemical composition, genetic variation, antibiotic susceptibility profile of normal and fungal infected <i>Penaeus monodon</i> cultured in semi-intensive ponds of coastal area of Nagapattinam District, Tamil Nadu, India	Bharathidasan/ Khadir Mohideen College	20.10.2012
7	R. Ravichelvan	Studies on pathogenic bacteria and fungus of shrimp, <i>Penaeus</i>	Bharathidasan/ Khadir Mohideen	22.12.2011

		<i>monodon</i> cultured in semi-intensive ponds in the coastal area of Thanjavur Deistrict, Tamil Nadu, India	College	
8	R. Ravichandran	Studies on physico-chemical parameters and biodiversity of Grand Anicut Canal in Thanjavur area, Tamil Nadu, India	Bharathidasan/ Khadir Mohideen College	05.032012
9	C. Manikandan	Study of prevalence and antimicrobial susceptibilities of bacteria and fungi isolated from patients with urinary tract infections in Pattukkottai, Tamil Nadu, India	Bharathidasan/ Khadir Mohideen College	24.08.2014
10	G. Annalakshmi	Studies on hydro biological parameters of river Cauvery and its tributary Arasalar in Kumbakonam area, Tamilnadu, India	Bharathidasan/ Khadir Mohideen College	25.07.2016
11	R. Thameem Azarudeen	Effect of Mangrove plant and its bioactive compound on larvicidal, pubicidal and repellent activities of mosquito	Bharathidasan/ Khadir Mohideen College	4.2 .2018
12	S. Kalaiyaran	Histological, Biochemical, Volatiles and Behavioural analyses of certain scent glands from <i>Millardia meltada</i> (Gray,1837) soft-furred field rat: An attempt for effective Rodent Pest Management	Bharathidasan/ Khadir Mohideen College	28.3.2018
13	S.Vanitha	Toxic effect of lead arsenate on the fingerlings of Indian major carp, <i>Cirrhinus mrigala</i> (Hamilton)	Bharathidasan/ Khadir Mohideen College	24.03.2019
14	S.Sumithira	Isolation and characterization of bio-active compounds from selected medicinal plants against vector mosquitoes	Bharathidasan/ Khadir Mohideen College	28.10.2020

15	M. Abareethan	A study on growth and biochemical performance of <i>Labeo rohita</i> fingerlings on supplementation of bacterial and <i>Spirulina</i> probiotics	Bharathidasan/ Khadir Mohideen College	19.07.2021
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15b. Details of Ph.D. Thesis submitted scholars: Nil

S.No.	Name of the Scholar	Title of the Thesis	University/College	Date of submission
-	-	-	-	-

16c. Details of ongoing Ph.D. Scholars: Nil

S.No.	Name of the Scholar	Title of the Thesis	University/College	Date of Registration/ Synopsis Submission
-	-	-	-	-

15d. M.Phil. Degree Awarded (Year): Awarded: 50

1. Sumithra, D. 2005. Studies on immunological characterization of the plasma of estuarine clam, *Meretrix casta*. M.Phil. Thesis, Bharathidasan University, Tiruchirappalli.
2. Sheeba Christina, A. 2005. Evaluation of immunological and haematological status in chronic lymphocytic leukemia. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
3. Loganathan, K. 2007. Studies on water quality factors on the growth of the tiger prawn, *Penaeus monodon* culture pond at Winner Aqua Farm, Sathiram. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
4. Umarani, C. 2007. Assessing the morphological and biochemical variability of seed through image and isozyme analysis in few *Jatropha curcas* accession. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
5. Gunavathi, A. 2007. Studies on biochemical status in normal and leptospirosis patients. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
6. Rameshbabu, A. 2007. Effect of soya formulated diet on growth, food utilization and biochemical composition of *Catla catla*. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
7. Janakiraman, V. 2007. Studies on predatory efficiency of the water bug *Sphaerodema rusticum* on the larvae of malaria vector *Anopheles culicifacies*. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
8. Senthil Kumar, N. 2007. Studies on some aspects of water quality and growth factors of prawn, *Penaeus monodon* culture pond at Vijaya Aqua Farm, Karankuda. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
9. Rajeswari, B. 2007. Toxic effect of copper on the behaviour, haematology and biochemistry of Indian major carp, *Catla catla*. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
10. Ramapraba, S. 2007. Toxic effect of mercury on the behaviour, haematology and biochemistry of Indian major carp, *catla catla*. M.Phil. Thesis, Periyar University, Salem.
11. Rajasekar, M. 2007. Effect of dietary protein levels on survival, growth performance, protein utilization and biochemical composition of *Catla catla*. M.Phil. Thesis, Periyar University, Salem.
12. Satish Kumar, S. 2007. Studies on predatory efficiency of the water scorpion *Laccotrophes gresius* on larvae of the malaria vector *Anopheles culicifacies*. M.Phil. Thesis, Periyar University, Salem.

- Rajamohan, V. 2007. Studies on physico-chemical characteristics of drinking water samples of Thanjavur area. M.Phil. Thesis, Periyar University, Salem.
13. Mohan Raj, P. 2007. Assessment of impact of dyeing effluent on ground water quality in Karur area. M.Phil. Thesis, Periyar University, Salem.
 14. Rosamma, P. 2007. Studies on assessment of drinking water quality of Adirampattinam area. M.Phil. Thesis, Periyar University, Salem.
 15. Mohamed Mustafa, R. 2007. Toxic effects of dichlorvos on behaviour, haematology and biochemistry of the fresh water fish, *Oreochromis mossambicus*. M.Phil. Thesis, Periyar University, Salem.
 16. Palanivel, S. 2007. Toxic effect of Dichlorvos on food utilization and biochemical content of the rice grasshopper, *Oxya nitidula*. M.Phil. Thesis, Periyar University, Salem.
 17. Sathish Kumar, V. 2007. Studies on assessment of drinking water quality of Tirutturaipundi and nearby areas. M.Phil. Thesis, Periyar University, Salem.
 18. Palaniappan, S.P. 2007. Studies on the toxicity of monocrotophos on the rice grasshopper *Oxya fuscovitta*. M.Phil. Thesis, Alagappa University, Karaikudi.
 19. Kavitha, G. 2008. Impact of physio-chemical factors on growth and survival of the tiger prawn, *Penaeus monodon* cultured at Seabreeze aqua farm, Papakoil, Nagapattinam District. Vinayaka Missions University, Salem.
 20. Rasool Mohamed, Y. 2008. Studies on toxic effects of dichlorvos on behaviour, haematology and biochemistry of the snake head fish, *Channa punctatus*. M.Phil. Thesis, Periyar University, Salem.
 21. Latha Mankesh, V. 2008. Impact of copper on behaviour, haematology and biochemistry of the snake head fish, *Channa punctatus*. Vinayaka Missions University, Salem.
 22. Muruganandam, S. 2008. Impact of water quality factors on growth and survival of fishes Cultured at S.K. Fish Farm, Mangalanayakipuram. Vinayaka Missions University, Salem.
 23. Vimala Maha Rajan, S. 2008. Studies on water quality parameters on growth of the tiger prawn, *Penaeus monodon* cultured at Muthumariamman Aqua Farm, T.Vadaku. Vinayaka Missions University, Salem.
 24. Padmavathi, K. 2008. Impact of soya formulated diet on growth, food utilization and biochemical composition of the rohu, *Labeo rohita*. M.Phil. Thesis, Annamalai University Annamalai Nagar.

25. Valarmathi, K. 2009. Management of water quality parameters and growth of the tiger shrimp, *Penaeus monodon* cultured at Sri Ram Aqua Farm, Mallipattinam. Vinayaka Missions University, Salem.
26. Sahaya Mary, A. 2008. Assessment of drinking water quality of bore wells of Mannargudi and near by area. Mallipattinam Vinayaka Missions
27. Selvakumar, S. 2008. Assessment of predatory efficiency of the water scorpion *Laccotrophes gresius* on larvae of *Aedes aegypti*, a vector of chikungunya. Mallipattinam Vinayaka Missions University, Salem.
28. Senthil Kumar, L. 2009. Effects of brewers yeast formulated diet on growth performance, food utilization and biochemical composition of *Labeo rohita*. Mallipattinam Vinayaka Missions University, Salem.
29. Chandrakala, V. 2008. Larvicidal and repellent activities of *Acalypha indica* against dengue vector *Aedes aegypti*, (Diptera: Culicidae). M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
30. Dheivanai, P.S. 2008. Larvicidal and repellent activities of the plant extract, *Vitex negundo* against the dengue vector, *Aedes aegypti*. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
31. Abdul Kader, K. 2009. Maintenance of water quality and growth factors of the giant fresh water prawn, *Macrobrachium rosenbergii* culture pond at R.A. Aqua Farm, Kottaippattinam. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
32. Nithya, R. 2009. Analysis of drinking water quality of ground water of Pannavayal and adjacent area, Thanjavur district. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
33. Prabakar, T. 2010. Study on water quality parameters in relation to growth of tiger shrimp, *Penaeus monodon* in culture pond at Sriram Aqua Farm, Jambuvanodai. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
34. Sivarubini, K. 2011. Monitoring on water quality parameters of *Penaeus monodon* culture pond at Vandal Prawn Culture Farm, Thalanyiru, Nagapattinam District. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
35. Prabakaran, R. 2011. Physico-chemical analysis of ground water of Orathanadu and adjacent area and its suitability for drinking purpose. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
36. Sathya, U. 2011. Studies on physico-chemical characteristics of drinking water samples of Nagapattinam area. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.

37. Ammankumar, B. 2012. Studies on water quality and growth parameters of shrimp, *Penaeus monodon* culture pond at Vadivel Aqua Farm, Vellankanni, Nagapattinam District. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
38. Balamurugan, B. 2012. Studies on water quality factors, growth and survival of fishes cultured at R.K. Fish Farm, Orathanadu, Thanjavur district. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
39. Radha, K. 2012. Toxic effect of lead on behaviour and biochemical composition of estuarine shrimp, *Penaeus monodon*. M.Phil. Thesis, Bharathidasan University, Tiruchirappalli.
40. Angugadevi, G. 2012. Assessment of drinking water quality of Anaikkadu village, Thanjavur district. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
41. Prabakaran, P. 2012. Studies on partial replacement of tapioca flour with soya meal in the diet of carp *Catla catla*. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
42. Aliaksad, M. 2013. Studies on physico-chemical parameters and zooplankton variations in Kadalundi River and adjacent ponds of Malappuram district, Kerala. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
43. Anbarasi, M. 2013. Analysis of water quality parameters in semi-intensive shrimp pond (*Penaeus monodon*) at Karthika Aqua Farm, Papakovil, Nagapattinam District. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
44. Chandrasekaran, G. 2014. Larvicidal and repellent activities leaf of *Datura metel* (Solanales: Solanaceae) against the dengue vector, *Aedes aegypti* (Diptera: Culicidae). M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
45. Buvaneswari, M. 2015. Determination of physicochemical and growth parameters of shrimp, *Penaeus monodon* culture pond at Abu Aqua Farm, Eripurakkarai, thanjavur District. M.Phil.Thesis, Bharathidasan University, Tiruchirappalli.
46. Muniyaraj, V. 2015. Assessment of ground water quality in Pattukkottai and Sethubavachatram area with emphasis to fluoride concentration. M.Phil. Thesis, Bharathidasan University, Tiruchirappalli.
47. Manikandan, A. 2016. Effect of Jaithion (Malathion 50% Ec) on behaviour, haematology and biochemical constituents of fresh water fish, *Channa punctatus*. M.Phil. Thesis, Bharathidasan University, Tiruchirappalli.
48. Shanthi, P. 2017. Physicochemical analysis of drinking water samples of different places in Pudukkottai. M.Phil. Thesis, Bharathidasan University, Tiruchirappalli.

49. Vimala, N. 2018. Assessment of physico-chemical characteristics of drinking water samples of Terkunanallur, Mannargudi Taluk, Thiruvarur District. M.Phil. Thesis, Bharathidasan University, Tiruchirappalli.

50. Kurunjimalar, V. 2021. Studies on physico-chemical and biological parameters of Sivan temple pond at Keeramangalam, Alangudi Taluk, Pudukkottai District. M.Phil. Thesis, Bharathidasan University, Tiruchirappalli.

Pursuing: Nil

16. Research Paper Publications (National/International)

S. No.	Title of the Paper, Authors & DOI	Journal Name	Vol & Page Number	Month & Year	Citation index	Impact Factor
1	Amsath, A., Senthilmurugan, M., Dharani, G. Sivakumar, M. and Subramaniam, M. Use of the fresh water insect, <i>Sphaerodema mollestum</i> in the evaluation of aquatic pesticide pollution.	J. Ecotoxic. Environ. Monit.	3(1), 41-45	1993		
2	Senthilmurugan, M., Rajesekarapandian, A. Amsath, A. and Sayeenathan, R. Effect of phosphamidon on body weight, oxygen consumption and heart beat in the fresh water mussel, <i>Lammellidens marginalis</i> .	<i>Journal of Ecobiology</i>	6(1), 5-8	1993	<u>2</u>	
3	Kavitha, P., Amsath, A. and Muthukumaravel, K. Individual and synergistic effects of Endodulfan and BHC pesticides on biochemical constituents of aquatic insect, <i>Sphaerodema rusticum</i> .	<i>J. Environ. Poll.</i>	8(2), 201- 203	2001	<u>1</u>	

4	Amsath, A. Studies on predatory efficiency of the water stick insect <i>Ranatra filiformis</i> on mosquito larva, <i>Culex fatigans</i> .	J. Exp. Zool.	6 (1) 93-98	2002	3	-
5	Syed Mohamed Shah, D., Amanulla Hameed, S. V. A., Raveendran, S. and Amsath, A. TBTO induced alterations in the histomorphology of digestive gland of clam <i>Macra violacea</i> .	Journal of Ecotoxicology & Environmental Monitoring	3(3): 219-226	2003	2	-
6	Amsath, A. Amanulla Hameed, S. V. A., Kumarasamy, P. and Raveendran, S. Effect of monocrotophos on physiological and metabolic processes of the fresh water mussel <i>Lemellidens marginalis</i> .	J. Ecol. Biocon.	4(1): 22-26	2003	-	-
7	Savarimuthu, A., Amsath, A., Muthukumaravel, K. , Mohamed Wahab Khan, M. and Amutha, S., Effect of monocrotophos on food utilization and biochemical constituents of the alimentary canal in the small rice grasshopper, <i>Oxya nitidula</i> (Walker).	J. Exp. Zool. India	7(2): 307-312	2005	-	-
8	Amutha, S., Amsath, A. , Muthukumaravel, K. and Savarimuthu, A. . Histopathological changes in the alimentary canal of the small rice grasshopper, <i>Oxya nitidula</i> (Walker) exposed to monocrotophos.	J. Exp. Zool. India	8(1):125-128	2005	-	-

9	Amanulla Hameed, S. V. S., Kumarasamy, P., Amsath, A. and Muthukumaravel, K., 2005. Effect of cadmium on oxygen consumption and histopathological changes in the gills of <i>Oreochromis mossambicus</i> .	J. Exp. Zool. India	8(2): 405-410	2005	-	-
10	Muthukumaravel, K., Kumarasamy, P., Amsath A. and Gabriel Paulraj, M. 2007. Toxic effect of cadmium on the electrophoretic protein patterns of gill and muscle of <i>Oreochromis mossambicus</i> . https://doi.org/10.1155/2007/834538	<i>E-Journal of Chemistry</i>	4(2): 284-286	2007.	23	2.25
11	M. Govindarajan, A. Jebanesan, D. Reetha, A. Amsath, T. Pushpanathan, K. Samidurai. Antibacterial activity of <i>Acalypha indica</i> L.	<i>European Review for Medical and Pharmacological Sciences</i>	<i>Sci.</i> , 12(5), 299-302	2008		3.507
12	Muthukumaravel, K., Amsath, A. and Sukumaran, M. Vermicomposting of vegetable wastes using cow dung. https://doi.org/10.1155/2008/572431	<i>E-Journal of Chemistry</i>	5(4), 810-813	2008	75	2.25
13	Muthukumaravel, K., Murthy, A., Kumarasamy, P. and Amsath, A. Light and scanning electron microscopic evaluation of effects of copper sulphate on the gill architecture of fresh water fish <i>Oreochromis mossambicus</i> .	<i>Poll. Res.</i>	27(4): 715-719	2008	8	-

14	Sujatha, R. Amsath, A. and Govindarajan, M., Studies on comparative modeling of 51kda protein from <i>Plasmodium falciparum</i> .	<i>J. Rec. Sci. Res.</i>	3:71-76	2010	-	-
15	Sujatha, R. Amsath, A. and Govindarajan, M., Ast and alt ratio in acute <i>Plasmodium vivax</i> infected patients in Thanjavur, Nagapattinam and Cudallore districts of Tamil Nadu, India	<i>Inter. J. Rec. Sci. Res.</i>	3, 69-71	2010	-	-
16	Rajaram T.R., Amsath A. and Vetrivelan. S. Evaluation of the clonal relationship of <i>Serratia marcescens</i> isolates by Pulsed-field gel electrophoresis (PFGE) and identify it's outbreaks in Government General Hospital at Nagapattinam, Tamilnadu, India	<i>Int. J. Pharm. Health Sci.</i>	1(2), 40-44	2010	-	-
17	Rajaram T.R, Amsath A. , Vetrivelan. S. and Vignesh.N.A. Cockroaches (<i>Periplaneta americana</i>) as Microbial Vectors for <i>Serratia marcsens</i> in Nosocomial Infection in Government General Hospital at Nagapattinam, Tamilnadu, India	<i>Int. J. Pharm. Health Sci.</i>	1(2), 62-67	2010	-	-
18	Senthamilselvan, A., Amsath, A. and Govindarajan, M. Effect of sublethal concentration of copper and lead on some haematological factors of Indian major carp, <i>Catla catla</i>	<i>Int. J. Rec. Sci. Res.</i>	5, 130-133	2010.	-	-
19	Senthamilselvan, A., Amsath, A. and Govindarajan, M.. Copper and lead induced histopathological alterations in gill and liver of Indian major carp, <i>Catla catla</i>	<i>Int. J. Rec. Sci. Res.</i>	1. 5,134-139	2010	-	-

20	Meena, B., Smith Rose, Jayaraj, S.S., Amsath, A. and Vincent, S. Microbial and haemagglutinins from the serum of estuarine crab <i>Portunus sanguinolentus</i>	<i>Rec. Res. Sci. Technol.</i>	2. 3(2), 87-94	2011	-	-
21	Ravichelvan, R., Ravichandran, R. and Amsath, A. Isolation and indentification of fungi from infected shrimp <i>Penaeus monodon</i> and their antibiotic sensitivity	<i>J. Ecotoxicol. Environ. Monit.</i>	21(1), 19-24	2011	-	-
22	Ravichelvan, R., Ravichandran, R. and Amsath, A. Seasonal variations in physico-chemical parameters of marine aquafarm at Karanguda, Thanjavur District, Tamil Nadu.	<i>J. Ecotoxicol. Environ. Monit.</i>	21(1), 47-51	2011	-	-
23	Ravichandran, R., Ravichelvan, R. and Amsath, A. Effect of sewage water on soil chemical composition	<i>J. Ecotoxicol. Environ. Monit.</i>	21 (2)13, 1-136	2011	-	-
24	Govindarajan, M, Sivakumar, R., Amsath, A. , Niraimathi, S. Mosquito larvicidal properties of <i>Ficus benghalensis</i> L. (Family: Moraceae) against <i>Culex tritaeniorhynchus</i> Giles and <i>Anopheles subpictus</i> Grassi (Diptera: Culicidae) https://doi.org/10.1016/s1995-7645(11)60135-1	<i>Asian Pacific journal of tropical medicine</i>	4(7), 505-509	2011	47	1.226
25	Meena, B., Smith rose, Jayaraj, S.S., Amsath, A. and Vincent, S. Microbial and haemagglutinins from the serum of estuarine crab <i>Portunus sanguinolentus</i> .	<i>Rec Res. Sci. Tech.</i>	3(2), 87-94	2011	-	-

26	Senthil Kumar, T., Amsath, A. , Jayaraj, S.S. and Ravichelvan, R. Studies on pathogenic bacteria and physico-chemical Parameters of <i>Penaeus monodon</i> culture ponds.	<i>Int. J. Phar. Bio Sci.</i>	3(1), 605-609.	2012	-	-
27	Senthil Kumar, T., Amsath, A. and Maharajan, A. Antibiotic Sensitivity against Isolated Bacteria from Infected Shrimp, <i>Penaeus monodon</i> . Inventi.	Rapid. Pharm. Biotech. Microbiol.	1, 1-5	2012	-	-
28	Annalakshmi, G., Amsath, A. and Maharajan, A. Seasonal changes in distribution of nutrients in river Cauvery at Kumbakonam in Tamil Nadu, India,	<i>Inventi Impact Water Environ.,</i>	1, 39	2012	-	-
29	Annalakshmi, G. and Amsath, A. Studies on the hydrobiology of river Cauvery and its tributaries Arasalar from kumbakonam region (Tamilnadu, India) with reference to phytoplankton.	<i>Int. J. Plant Ani. Env. Sci.</i>	2(2). 37-46.	2012.	12	-
30	Annalakshmi, G. and Amsath, A. Nutrient status of Arasalar River, a tributary of Cauvery River at Tanjore district of Tamil Nadu, India.	<i>Int. J. Plant Ani. Env. Sci.,</i>	2(2), 214-222	2012.	15	-
31	Annalakshmi, G., Amsath, A. and Maharajan, A. Seasonal Changes in Distribution of Nutrients in River Cauvery at Kumbakonam in Tamil Nadu, India	<i>Inv. Rap. Wat. Env.</i>	1, 1-5	2012	-	-

32	Annalakshmi, G. and Amsath, A. An assessment water quality of river Cauvery and its tributaries Arasalar with reference to physico-chemical parameters at Tanjore Dt Tamil Nadu, India	<i>International Journal of Applied Biology and Pharmaceutical Technology</i>	3(1), 269-279	2012	26	-
32 b	Annalakshmi, G. and Amsath, A. Studies on the hydrobiology of river Cauvery and its tributaries Arasalar from kumbakonam region (Tamilnadu, India) with reference to zooplankton	<i>International Journal of Applied Biology and Pharmaceutical Technology</i>	3(1), 325-336.	2012	12	-
33	M Govindarajan, R Sivakumar, A Amsath, S Niraimathi. Larvicidal efficacy of botanical extracts against two important vector mosquitoes	<i>European Review for Medical and Pharmacological Sciences</i>	16 (3), 386-392	2012	18	3.507
34	Amsath, A. Isolation technique of bioactive molecules from plants and their applications	<i>International Journal of Current Tropical Medicine and Health Research</i>	1(1), 1-4.	2013	3	-
35	Govindarajan M., Rajeswary, M. and Amsath, A. Larvicidal properties of <i>Caesalpinia pulcherrima</i> (Family: Fabaceae) against <i>Culex tritaeniorhynchus</i> , <i>Aedes albopictus</i> and <i>Anopheles subpictus</i> (Diptera: Culicidae)	<i>International Journal of Pure and Applied Zoology</i>	1(1), 15-23	2013	10	
36	Gurumoorthy, K., Govindarajan M. and Amsath, A. Predatory behaviour and efficiency of the water bug <i>Sphaerodema rusticum</i> on mosquito larvae <i>Culex quinquefasciatus</i> .	<i>International Journal of Pure and Applied Zoology</i>	1(1), 24-29	2013.	-	-

37	Manikandan, C. and Amsath, A. Antibiotic susceptibility of bacterial strains isolated from patients with respiratory tract infections.	<i>International Journal of Pure and Applied Zoology</i>	1(1), 61-69	2013	40	-
38	Manikandan, C. and Amsath, A. , Antimicrobial resistance of enteric pathogens isolated from children with acute diarrhoea in Pattukkottai, Tamil Nadu.	<i>International Journal of Pure and Applied Zoology</i>	1(2), 139-145	2013	5	-
39	Manikandan, C. and Amsath, A. Isolation and rapid identification of <i>Candida</i> species from the oral cavity.	<i>Int. J. Pure App. Biosci.</i>	1(3), 23-27	2013	17	-
40	Manikandan, C. and Amsath, A. Prevalence and distribution of bacteria and fungi isolated from patients with urinary tract infections in Pattukkottai, Tamil Nadu, India	<i>International Journal of Pure and Applied Zoology</i>	1(3), 213-222	2013	-	-
41	Manikandan, C., Amsath, A. and Prabakaran, P. Random amplified polymorphic DNA-PCR analysis on bacterial strains from children diarrhea.	<i>Int. J. Curr. Microbiol. Appl. Sci.</i>	2(5), 306-314	2013	2	-
42	Manikandan, C. and Amsath, A. Antibiotic susceptibility of bacterial strains isolated from wound infection patients in Pattukkottai, Tamil Nadu.	<i>Int. J. Curr. Microbiol. App. Sci.</i>	2(6), 195-203	2013	43	-
42 b	Manikandan, C. and Amsath, A. Antibiotic susceptibility pattern of <i>Klebsiella pneumoniae</i> isolated from urine samples	<i>Int. J. Curr. Microbiol. App. Sci.</i>	2(8), 330-337	2013	36	-

43	Muthukumaravel, K., Bose Raja, R. and Amsath, A. A preliminary investigation of spider fauna in associated mangroves of Muthupet at Adirampattinam coast, Tamil Nadu, India.	<i>International Journal of Pure and Applied Zoology</i>	1(4), 304-309	2013	4	-
44	Narasimhan Aarthi, James Pitchai, G., Kadarkarai Murugan, Pari Madhiyazhagan, Thiyagarajan Nataraj, Arjunan Nareshkumar, Kandasamy Kalimuthu, Jiang-Shiou Hwang, Donald R. Barnard, Hui Wei, Chandrasekar, R. and Amsath, A. Studies on the effect of <i>Sida acuta</i> and <i>Vetiveria zizanioides</i> against the malarial vector, <i>Anopheles stephensi</i> and malarial parasite, <i>Plasmodium berghei</i> .	<i>International Journal of Pure and Applied Zoology</i>	2(1), 51-60	2014	-	-
45	Rajeswary, M., Govindarajan, M., Murugan, K., Jiang-Shiou Hwang, Donald R. Barnard, Amsath, A., Veerakumar, K. and Muthukumaran, U. Mosquito ovicidal properties of <i>Ageratina adenophora</i> (Family: Asteraceae) against filariasis vector, <i>Culex quinquefasciatus</i> (Diptera: Culicidae)	<i>International Journal of Pure and Applied Zoology</i>	2(2), 182-186	2014	-	-

46	Priya, S. Murugan, K., Priya, A., Dinesh, D., Panneerselvam, C., Durga Devi, G., Chandramohan, B., Mahesh Kumar, P., Donald R. Barnard, Rui-De Xue, Jiang-Shiou Hwang, Nicoletti, M., Chandrasekar, R., Amsath, A. , Bhagooli, R., Hui Wei. Green synthesis of silver nanoparticles using <i>Calotropis gigantea</i> and their potential mosquito larvicidal property	<i>International Journal of Pure and Applied Zoology</i>	2(2), 128-137	2014	15	-
47	Murugan, K., James Pitchai, G., Madhiyazhagan, P., Nataraj, T., Nareshkumar, A., Jiang-Shiou Hwang, Chandrasekar, R., Nicoletti, M., Amsath, A. and Bhagooli, R. Larvicidal, repellent and smoke toxicity effect of neem products against malarial vector, <i>Anopheles stephensi</i>	<i>International Journal of Pure and Applied Zoology</i>	2(2), 71-83	2014	5	-
48	Rajeswary, M., Govindarajan, M., Murugan, K., Jiang-Shiou Hwang, Donald R. Barnard, Amsath, A. and Muthukumaran, U. Ovicidal efficacy of <i>Ageratina adenophora</i> (Family: Asteraceae) against <i>Anopheles stephensi</i> (Diptera: Culicidae)	<i>International Journal of Pure and Applied Zoology</i>	2(3), 196-199	2014	4	-
49	Manikandan, C. and Amsath, A. Antibiotic susceptibility pattern of <i>Escherichia coli</i> isolated from urine samples in Pattukkottai, Tamilnadu.	<i>International Journal of Current Microbiology and Applied Sciences</i>	3(10), 449-457	2014	19	-

50	Manikandan, C. and Amsath, A. Characterization and susceptibility pattern of <i>Candida</i> species isolated from urine samples in Pattukkottai, Tamilnadu, India.	<i>International Journal of Pure and Applied Zoology</i>	3(1), 17-23.	2015	8	-
51	Abareethan, M. and Amsath, A. Characterization and evaluation of probiotic fish feed.	<i>International Journal of Pure and Applied Zoology</i>	3(2), 148-153	2015	18	
52	Muthukumaravel, K., Bose Raja, R., Amsath, A. , Prabakaran, S. and Chezhan, Y. Seasonal variation of dragonflies diversity in Muthupet Mangrove forest, Tamil Nadu, India.	<i>I International Journal of Pure and Applied Zoology</i>	3(2), 188-192.	2015	8	
53	Kalaiyaran, S. and Amsath, A. Ultrastructure of scent glands of soft-furred field Rat <i>millardia meltada</i> (Gray, 1837): An attempt for effective rodent pest management.	<i>International Journal of Pure and Applied Zoology</i>	3(3), 251-258	2015		
54	Govindarajan, M., Rajeswary, M., Hoti, Giovanni Benelli, S.L. and Amsath, A. Adulticidal activity of <i>Pithecellobium dulce</i> (Roxb.) Benth. and <i>Delonix elata</i> (L.) gamble (Family: Fabaceae) against the malaria vector <i>Anopheles stephensi</i> (Liston) (Diptera: Culicidae)	<i>International Journal of Pure and Applied Zoology</i>	3(3), 274-278	2015	2	
55	Sugumaran, J. and , Amsath, A. Seasonal diversity of rotifers from Agniyar estuary, Thanjavur district, Tamil Nadu, India	<i>International Journal of Pure and Applied Zoology</i>	3(4), 287-292	2015		

56	Govindarajan, M., Rajeswary, M., Hoti, S.L., Benelli, G., Bhattacharyya, A. Benelli, G. and Amsath, A. Mosquito repellent activity of <i>Delonix elata</i> (Fabaceae) leaf and seed extracts against the primary dengue vector <i>Aedes aegypti</i> (Diptera: Culicidae).	<i>International Journal of Pure and Applied Zoology</i>	3(4), 312-317	2015	7	
57	Kalaiyaran, S. and Amsath, A. Study on volatile compounds of flank scent gland and Behavioural analysis of soft-furred field rat <i>Millardia meltada</i> (Gray, 1837).	<i>International Journal of Pure and Applied Zoology</i>	3(4), 328-333, 2015	2015		
62	S. Kalaiyaran and A. Amsath. Histomorphological changes of scent glands in soft furred field rat, <i>Millardia meltada</i> https://doi.org/10.5281/zenodo.1309451	Journal of Applied Biosciences	1(2), 100-105	2016	1	
58	Udaiyan Muthukumar, Marimuthu Govindarajan, Mohan Rajeswary, Kaliyan Veerakumar A. Amsath and K. Muthukumaravel .Adulticidal activity of synthesized silver nanoparticles using <i>Chomelia asiatica</i> Linn. (Family: Rubiaceae) against <i>Anopheles stephensi</i> , <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae) DOI : 10.5281/zenodo.1309660	International Journal of Zoology and Applied Biosciences	1(2), 118-129	2016		

58 b	S. Kalaiyaran and A. Amsath. Study on the influence of different scent sources that attracts opposite and same sex of soft-furred field rat <i>Millardia meltada</i> (Gray, 1837) https://doi.org/10.5281/zenodo.1310554	International Journal of Zoology and Applied Biosciences	1(2), 148-154	2016		
59	R. Sujatha and A. Amsath. Effect of global warming and climate changes on vector borne disease, malaria in some coastal districts of Tamil Nadu, India https://doi.org/10.5281/zenodo.1310600	International Journal of Zoology and Applied Biosciences	1, 186-190	2016	<u>1</u>	
60	Kalaiyaran, S. and Amsath, A. Identification and purification of chemical compounds from the clitoral gland of the soft furred field rat, <i>Millardia meltada</i> to develop pheromone traps for the rodent pest management. 10.5281/zenodo.1310614	1(5): 221-225.	1(4), 205-209	2016	-	-
61	M. Abareethan and Amsath, A. Isolation and genomic analysis of probiotic isolate and role of amylase enzyme activity in fish growth. https://doi.org/10.5281/zenodo.1310647	International Journal of Zoology and Applied Biosciences.	1(5): 221-225.	2016	-	-

63	<p>A. Maharajan, V. Ganapiriya, K. Shanmugavel, A. Amsath and S. Kasthuri, Histopathological changes in gill and hepatopancreas of mangrove crab, <i>Perisesarma bidens</i> exposed to profenofos.</p> <p>https://doi.org/10.5281/zenodo.1310835</p>	Journal of Zoology and Applied Biosciences	1(6): 283-290	2016.	-	-
64	<p>R. Thameem Azarudeen, M. Govindarajan, A. Amsath, K. Shine, N.S. Alharbi, P. Vijayan, U. Muthukumaran and G. Benelli. Size-controlled fabrication of silver nanoparticles using the <i>Hedyotis puberula</i> leaf extract: toxicity on mosquito vectors and impact on biological control agents.</p> <p>DOI : 10.1039/C6RA23208F</p>	<i>RSC Advances</i>	6: 96573-96583	2016	10	3.289
65	<p>R. Thameem Azarudeen, M. Govindarajan, A. Amsath, U. Muthukumaran, G. Benelli. Single-step biofabrication of silver nanocrystals using <i>Naregamia alata</i>: a cost effective and eco-friendly control tool in the fight against malaria, Zika virus and St. Louis encephalitis mosquito vectors.</p> <p>DOI : 10.1007/s10876-016-1067-y</p>	<i>Journal of Cluster Science</i>	28(1), 179–203	2016	21	3.061

66	<p>R. Thameem Azarudeen, M. Govindarajan, Mashael Marzouq AlShebly, Fatma Saeed AlQahtani, A. Amsath and G. Benelli. One pot green synthesis of colloidal silver nanocrystals using the <i>Ventilago maderaspatana</i> leaf extract: acute toxicity on malaria, Zika virus and filariasis mosquito vectors.</p> <p>DOI : 10.1007/s10876-016-1103-y</p>	<i>Journal of Cluster Science</i>	28(1), 369–392	2016	8	3.061
67	<p>Thameem Azarudeen, R.M. Govindarajan, Mashael Marzouq AlShebly, Fatma Saeed AlQahtani, A. Amsath, SengamalaiSenthilmurugan ,and G.Benelli. Size-controlled biofabrication of silver nanoparticles using the <i>Merremia emarginata</i> leaf extract: Toxicity on <i>Anopheles stephensi</i>, <i>Aedesaegypti</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae) and non-target mosquito predators.</p> <p>DOI : 10.1016/j.aspen.2017.02.007</p>	Journal of Asia-Pacific Entomology	20(2), 359-366.	2017	11	1.89
68	<p>S. Sumithira, A. Amsath, Marimuthu Govindarajan and Udaiyan Muthukumaran, Mosquito larvicidal effect of <i>Chrozophora rottleri</i> against <i>Anopheles stephensi</i>, <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae)</p> <p>DOI : 10.5281/zenodo.1311712</p>	International Journal of Zoology and Applied Biosciences	2(3), 105-111	2017	-	-

69	S. Vanitha, A. Amsath and J. Sugumaran, Effect of arsenic on haemetological parameters of freshwater fish, <i>Channa punctatus</i> (Bloch). DOI : 10.5281/zenodo.1311725	International Journal of Zoology and Applied Biosciences	2(3), 117-121	2017	2	-
70	S. Sumithira, A. Amsath , Marimuthu Govindarajan and Udaiyan Muthukumaran. Mosquito ovicidal and repellent properties of <i>Chrozophora rotleri</i> (Euphorbiaceae) against <i>Anopheles stephensi</i> , <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae). DOI : 10.5281/zenodo.1311743	International Journal of Zoology and Applied Biosciences,	2(3), 128-136	2017	-	-
71	S. Vanitha, A. Amsath , P. Shanthi, and K. Muthukumaravel. Sublethal effects of lead arsenate on histology of selected organs of freshwater fish <i>Cirrhinus mrigala</i> . DOI : 10.5281/zenodo.1311725	International Journal of Zoology and Applied Biosciences	2(5), 258-266	2017	1	-
72	M. Fazildheen, A. Maharajan, V. Ganapiriya and A. Amsath Toxicity and bioaccumulation of mercury on the juvenile of Asian sea bass, <i>Lates calcarifer</i> (Bloch).	International Journal of Zoology and Applied Biosciences,	3(2), 231-238	2018	-	-
73	S. Ramanathan and A. Amsath . Seasonal variations in physico-chemical parameters of Puthukulam pond, Pudukkottai, Tamilnadu. DOI : 10.26479/2018.0406.51	Research Journal of Life Sciences, Bioinformatics	4(6), 656-662	2018	4	-

74	S. Ramanathan and A. Amsath . Seasonal Variations of Heavy Metals in Puthukulam Pond, Pudukkottai, Tamilnadu, India.	International Journal of Pharmacy and Biological Sciences	9 (1): 85-88	2019.	-	-
75	Ali Akshad, M., Sathick, O., Shaheer Ansari and A. Amsath . An assessment of phytoplankton diversity and abundance of Kadalundi estuary. DOI : 10.5281/zenodo.2548546	International Journal of Zoology and Applied Biosciences	4, 11-16	2019		
76	Shaheer Ansari, V., Ali Akshad, M., Sathick, O. and A. Amsath , Seasonal diversity of birds at Mavoor wetland, Kerala. DOI : 10.5281/zenodo.2562891	International Journal of Zoology and Applied Biosciences	4(1), 27-30.	2019	-	-
77	Ali Akshad, M., Sathick, O., Shaheer Ansari and A. Amsath . An assessment of phytoplankton diversity and abundance of Kadalundi estuary, Kerala South India.	International Journal of Zoology and Applied Biosciences	4(1), 211-167-30.	2019	-	-
78	Sattanathan, G., Amsath, A. , Senthilmurugan, S. and Tamizhazhagan, V. Toxicity of copper oxychloride (fungicide) in <i>Oreochromis mossambicus</i> on haemato-immunological and biochemical alterations and recovery assessment by marine algae <i>Chaetomorpha aerea</i> .	International Journal of Zoology and Applied Biosciences	4(4), 184-194	2019	4	
79	Abareethan, M. and Amsath, A. Impact of bacterial and spirulina probiotics on growth performance in <i>Labeo rohita</i> fingerlings.	The International journal of analytical and experimental modal analysis	11(12) 3063-3071	2019		

80	Abareethan, M. and Amsath, A. Haematological profile of <i>Labeo rohita</i> on supplementation of bacterial and Spirulina probiotics.	Journal of Interdisciplinary Cycle Research,	11(12), 1402-1408	2019		
81	Ramanathan, S. and Amsath, A. Studies on plankton composition in Puthukulam Pond, Pudukkottai, Tamilnadu, India DOI: 10.26479/2018.0406.51	Journal of Interdisciplinary Cycle Research	12(2), 896-900	2020		
82	Tamizhazhagan, V., Amsath, A. and Senthilmurugan, S. Overview of coronavirus (COVID-19) pandemic in Tamilnadu, India https://doi.org/10.5281/zenodo.3877684	International Journal of Zoology and Applied Biosciences	5(3), 154-162	2020		
83	Adamu Mark Ngeri, Ibrahim Friday Sule, Senthilmurugan, S. and Amsath, A. Screening of three rice cultivars for their responses to drought. https://doi.org/10.5281/zenodo.4573288	International Journal of Zoology and Applied Biosciences	6(1), 19-23	2021		
84	Jamil Hassan Abdulkarim, Ugbede Mercy Enemali, Chandran, M., Amsath, A. and Sethilmurugan, S. Role of environmental health officer in the containment of COVID-19: A Nigerian perspective. https://doi.org/10.5281/zenodo.5550574	International Journal of Zoology and Applied Biosciences	6(4), 218-221	2021		

17. Research Paper Publications (National/International Conference Proceedings):

S. No.	Title of the Paper & Authors	Name of conference	Page Number	Month & Year	ISBN Number
	K.E.N. Nalla Mohamed, D.S.M. Shah, S.V.S. Amanulla Hameed, S. Raveendran and Amsath, A. Antifeedant effect of <i>Tridax procumbens</i> extract on <i>Spodoptera litura</i> .	Proc. Nat. Sem. Cont. Insect Plant Insecticide		May 2003	-
	S. V. S. Amanulla Hameed, D. S. M. Shah, K. Nagoor Meeran, S. Raveendran and A. Amsath Loss of fecundity and fertility in <i>Grylloides sigillatus</i> (Walker) by <i>Ocimum sanctum</i> (Linnaeus) crude leaf extract.	Proc. Nat. Sem. Cont. Insect Plant Insecticide	pp: 17-20.	May 2003	-
	S. V. S. Amanulla Hameed, D. S. M. Shah, S. Raveendran, Amsath, A. and Sivsubramanian, C. Effect of some crude leaf extracts on larval development of <i>Culex quinquefasciatus</i> (Say), the human filariasis vector	Proc. Nat. Sem. Cont. Insect Plant Insecticide	27-29.	May 2003	-
	A. Amsath , D. S. M. Shah, T. A. Nazir Ahamed, S. V. S. Amanulla Hameed and S. Raveendran. Antifeedant activity of <i>Adathoda vasica</i> leaf extract in hornworm, <i>Agrius convolvuli</i> (Lepidoptera). Proc. Nat. Sem. Cont. Insect Plant Insecticide	Proc. Nat. Sem. Cont. Insect Plant Insecticide	30-32	May 2003	-
	D.S.M. Shah ¹ , *K.E.N. Nalla Mohamed ² S.V.S. Amanulla Hameed ³ and A. Amsath. Effect of crude leaf alkaloids extracts of <i>ocimum sanctum</i> and <i>Tridax procumbens</i> on the larval	Proc. Nat. Sem. Cont. Insect Plant Insecticide	33-36	2003	-

	development of groundnut Pod border, <i>Tribolium castaneum</i> (Herbst)				
	A. Amsath , D. S. M. Shah, T. A. Nazir Ahamed and S. V. S. Amanulla Hameed. Inhibitory action of tulasi (<i>Ocimum sanctum</i>) leaf extract on oviposition of Black cutworm, <i>Agrotis ipsilon</i> (Noctuidae: Lepidoptera)	Proc. Nat. Sem. Cont. Insect Plant Insecticide	37-41.	May 2003	-
	D.S.M. Shah, S.V.S. Amanulla Hameed T.A. Nazir Ahamed and A. Amsath . Effect of a juvenoid, <i>eugenol</i> on the prepupal and pupal development of hornworm, <i>Agrius convolvuli</i> (Lepidoptera).	Proc. Nat. Sem. Cont. Insect Plant Insecticide	77-79	May 2003	-
	Studies on toxic effect organochlorine pesticide, BHC on biochemical constituents of the estuarine fish, <i>Barbus amphibious</i>	Proc. Envirobiotec.	56-59.	2008	-
	Toxic effect of heavy metals on the growth condition index of fresh water mussel <i>Lamellidens marginalis</i> (Lamarck).	National seminar on recent trends in aquaculture biotechnology.	19 th to 20 th August, 2008.	National	-
	Impact of heavy metals on the growth condition index of estuarine clam <i>Meretrix casta</i> (Chemnitz)	National seminar on recent trends in aquaculture biotechnology	19 th to 20 th August, 2008.	National	-
	Histopathological lesions induced by chromium in the liver of <i>Oreochromis mossambicus</i> .	National seminar on recent trends in aquaculture	19 th to 20 th August,	National	-

		biotechnology	2008.		
	Sublethal effect of copper sulphate on the histological alterations in the intestine of <i>Oreochromis mossambicus</i>	National seminar on recent trends in aquaculture biotechnology	Pp. 63 – 65. 2008	19 th to 20 th August, 2008.	-
	Synergistic effect of temperature and salinity on the toxicity of cadmium in an estuarine clam <i>Meretrix casta</i> (Chemnitz)	Proceedings of National conference on Climate change in India,	Pp 152-153. 2008	19 th to 20 th August, 2008.	-
	T. Senthilkumar, R. Ravichelvan and A. Amsath . A study on certain physico-chemical parameters of freshwater fish pond at Orathanadu, Thanjavur District, Tamil Nadu	<i>Proc. Nat. Sem. Emer. Tren. Chal. Aqua. Biotec.</i>	160-162	2011	-

18. Resource Person in State Level / Symposium/ National / International Conferences

S. No.	Topic of the Guest lecture	Name of the Institutions	Date
1	Resource person in a State level on Recent Trends in Environmental Biotechnology	Department of Zoology, Jamal Mohamed College, Tiruchirappalli 620 020	13. 3. 2008
2	Delivered an invited lecture in the National Workshop on “ Trends and Techniques in Isolation of bioactive molecules ”	Department of zoology, Annamalai University, Annamalainagar	1 st January, 2013
3	Delivered an invited lecture on “ Global warming on malaria, dengue and filariasis and human health ” in the 3 rd International Congress on “Global Warming on Biodiversity of Insects: Management and Conservation Strategies”	Department of Zoology School of Life Sciences, Bharathiar University, Coimbatore-641 046	26 th to 28 th November, 2013
4	Delivered an invited lecture on “ Clinical aspects of malaria and control measures ” in a National Conference on “Research Challenges in Modern Biological Sciences”	Department of Zoology, Chikkaiak Naicker College, Erode-638 004.	21 st and 22 nd February, 2014
5	Delivered Theme Lecture on “ Effect of global warming and climate changes on vector borne disease ” in a State Level Seminar on “Global Warming and Climate Changes”	Department of Zoology, Syed Ammal Arts and Science College, Ramanathapuram-623 513	19 th August 2016
6	Delivered Theme Lecture on “ Nanobiotechnology ” in a State Level Seminar on “Animal Science Research”	Department of Zoology, Syed Ammal Arts and Science College, Ramanathapuram-623 513	6 th March 2017
7	Delivered a special Lecture on “ Nanotechnology Applications ” in a Seminar State Level Seminar	Department of Zoology, Zahir Hussain College	18 th March 2017

8	Delivered Theme Lecture on “Microbial Threats to Human” in a State Level Seminar	Department of Microbiology, Syed Ammal Arts and Science College, Ramanathapuram-623 513	August 30 th 2017
9	Delivered Theme Lecture on “Scientific Advancement in Microbiology and its Contributions to the Society” in a National Seminar	Department of Microbiology & Zoology, Syed Ammal Arts and Science College, Ramanathapuram-623 513	5 th April, 2018
10	Delivered Theme Lecture on “Role of microbes in the production of antibiotics” in a National Level One Day Seminar on “Recent Trends in Microbiology”	Department of Zoology & Department of Microbiology, Syed Ammal Arts and Science College, Dr.E.M.Abdullah Nagar, Kootampuli Pullangudi, Ramanathapuram-623 513.	28.09.2018
11	Delivered a Special address on Higher Studies and Job Opportunities of Zoology in the Inauguration of Zoology Association and Fresher’s Day Celebration	PG and Research Department of Zoology, Thiru. Vi. Ka. Government Arts College, Thiruvarur- 610003	20.09.2019
12	Delivered a Theme Lecture on “Clinical findings of Nosocomial Disease and Treatment with Antibacterial Drugs” in a “One Day National Level Seminar on “Infectious Diseases and Medical Developments”	Department of Microbiology & Zoology, Syed Ammal Arts and Science College, Ramanathapuram-623 513	10.01.2020
13	Delivered a Key Note Address on “National Level Seminar on Novel Approaches and Future Aspects for Cancer Therapy”	School of Life Sciences, Marudupandiyar College, Thanjavur-613403.	09.01.2020

14	Delivered a Lecture titled on “ Impact of pollution on Environment and Health ” in a “One Day National Conference on Environmental Sustainability Health and Pollution Abatement”	Department of Zoology, M.S.S.Wakf Board College, Madurai-625020.	02.03.2020
15	Seven days online-internship programme for students. Exploring Biotechnological Tools for Human Welfare	Department of Zoology, M.V. Muthiah Govt Arts College for Women, Dindigul - 624001	1-7.7.2020
16	Two days “International webinar on Advanced Zoological Research Approaches (IWAZRA-2021) Green synthesis and characterization of silver nanoparticles for mosquito vectors control	P.G. Department of Zoology, Syed Ammal Arts and Science College, Dr.E.M.Abdullah Nagar, Kootampuli Pullangudi, Ramanathapuram-623 513.	21.02.2021
17	7-Day Faculty Development Programme on " Entrepreneurship in Aquaculture Entrepreneurship in Aquaculture " (From 25 th February to 3 rd March 2022)	PG Department of Zoology & IQAC, Syed Ammal Arts and Science College, Ramanathapuram	28.02.2022
18	Delivered a lecture titled “ Environmental issues and awareness ” on Integrated Approach in Science & Tec Biotechnology for Sustainable Future (Webinar series: 28.02.2022 - 04.03.2022)	IQAC, Government Arts College, Salem.	03.03.2022
19	Delivered a lecture titled “ Recent Trends in Methods of Mosquito Vectors Control ” on Three Week Faculty Development Programme on Research Innovations in Biological Sciences and Physical Sciences (From 23 rd March to 12 th April 2022)	Research and Development Cell in Collaboration with Department of Microbiology, Zoology and Physics, Syed Ammal Arts and Science College,	11.04.2022

		Ramanathapuram	
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19. Papers Presented in State /National / International Level Seminar/ Conference/Symposium:

1. A paper titled “Reproductive biology of the fresh water mussel, *Lamellidens marginalis* (Lamarck) from river Keveri Tiruchirappalli”- Presented in a **National Seminar** held during February 20-22, 1991 at Bharathidasan University, Tiruchirappalli.
2. A paper titled “Effect of water pollution and its prevention by people” in a **seminar on People’s participation on Environmental issues**, held during December 19-20, 1992, at Department of Zoology, Jamal Mohamed College, Tiruchirappalli.
3. Two papers titled “Mating behaviour and oviposition in the aquatic insect, *Sphaerodema mollestum*(Duf.)” and “Effect of Dichlorvos on the biochemical changes in the ovary of the aquatic insect, *Sphaerodema mollestum* (Duf.)” were presented in III Indo-Pacific and VI All India **Symposium** on Invertebrate reproduction, held during December 10-12, 1993 at Ayyanadar Janaki Ammal College, Sivakasi.
4. A paper titled “Studies on the female accessory reproductive gland of the water bug, *Sphaerodema rusticum*. Presented in 20th **National Symposium** on Reproductive biology and Comparative and Endocrinology, held during January 7 to 9, 2002 at Bharathidasan University, Tiruchirappalli-620 024.
5. A paper titled “Growth inhibitory activity of some indigenous plant extractors in hornworm, *Agrious convolvuli*” - Presented in a UGC Sponsored **National Seminar** on the Control of Insects by Plant Insecticides held on May 28-29, 2003 at Post Graduate Department of Zoology, Khadir Mohideen College, Adirampattinam.
6. A paper titled “Antifeedant activity of Adathoda vasica leaf extracts in hornworm, *Agrious convolvuli* (Lepidoptera)”- Presented in a UGC Sponsored **National Seminar on** the Control of Insects by Plant Insecticides held on May 28-29, 2003 at Post Graduate Department of Zoology, Khadir Mohideen College, Adirampattinam.
7. A paper titled “*Ocimum* inhibitory action of tulasi leaf extract on oviposition of black cutworm, *Agrotis ipsilon* (Noctuidae: Lepidoptera)” - Presented in a UGC Sponsored **National Seminar on** the Control of Insects by Plant Insecticides held on May 28-29, 2003 at Post Graduate Department of Zoology, Khadir Mohideen College, Adirampattinam.
8. A paper titled “Effect of juvenoid, eugenol on the prepupal and pupal development of hornworm, *Agrious convolvuli* (Lepidoptera)” - Presented in a UGC Sponsored **National Seminar** on the Control of Insects by Plant Insecticides held on May 28-29, 2003 at Post Graduate Department of Zoology, Khadir Mohideen College, Adirampattinam.
9. A paper titled “Effect of some crude leaf extracts on larval development of *Culex quinquefasciatus* (Say), the human filariasis vector” - Presented in a UGC Sponsored **National Seminar** on the Control of Insects by Plant Insecticides held on May 28-29, 2003 at Post Graduate Department of Zoology, Khadir Mohideen College, Adirampattinam.

10. A paper titled “Bioactivities of crude extract of *Tridax procumbens* (Compositae) against *Culex quinquefasciatus* (Diptera: Culicidae)” - Presented in a UGC Sponsored **National Seminar on** the Control of Insects by Plant Insecticides held on May 28-29, 2003 at Post Graduate Department of Zoology, Khadir Mohideen College, Adirampattinam.
11. A paper titled “Bioactivities of indigenous plant extracts against groundnut cutworm, *Spodoptera litura* Fabricius (Noctuidae: Lepidoptera)” - Presented in a UGC **Sponsored National Seminar on** the Control of Insects by Plant Insecticides held on May 28-29, 2003 at Post Graduate Department of Zoology, Khadir Mohideen College, Adirampattinam.
12. Presented a paper titled “Evaluation of antifeedant activity of *Catharanthus roseus* leaf extract against the small rice grasshopper *Oxya nitidula* (Walker)” in a five day **International Conference** on Biodiversity of Insects: Challenging Issues in Management and Conservation, held from 30. 1. 2006 to 3. 2. 2006 organized by Department of Zoology, Bharathiar University, Coimbatore.
13. Presented a paper titled “Fluoride level and water quality in the ground water of Pattukkottai, Thanjavur district” in a three day a **National Conference** on Current Perspectives in Aquatic Biology, held from 30. 1. 2006 to 3. 2. 2006 organized by Department of Zoology, Madras University, Chennai.
14. Presented a paper titled “Studies on bioremediation activity of *Pseudomonas* and *Penicillium* cultures on oil spills” in an **International Seminar** on Environmental Biotechnology, held from 5.7.2006 to 8. 7. 2006 organized by PG and Research Department of Zoology, JBAS College for Women, Chennai.
15. A paper titled “Vermicomposting of vegetable wastes using cow dung” presented in **VIII National Symposium** on Soil Biology in Human Welfare, held during October 5 to 7, 2006 Department of Microbiology, Ponnaiyah Ramajayam College, Thanjavur-614 904.
16. Presented a paper titled “Teachers are being taught” in a two day NAAC sponsored National Level **Seminar** on Curriculum Innovations and Quality Improvement in Higher Education, held from 3.3.2007 to 4.3. 2007 organized by Khadir Mohideen College, Adirampattinam 614 701, Tamil Nadu.
17. Presented a paper titled “Amino acid utilization by *Leptospira canicola*” in a **National Seminar** on Recent Advancements in Biotechnology, held on 25th and 26th February 2007, organized by Department of Biotechnology, Thanthay Hans Rover College, Perambalur-621 212, Tamil Nadu.
18. A paper title “Hemolysin production and activity of *Leptosria interrogans* serovar *icterohaemorrhagiae*” presented in a **Symposium** on Bioresources in the Development of Medicine, held during September 20-22, 2007 at National Faculty for Marine Cyanobacteria, Department of Microbiology, Bharathidasan University, Tiruchirappalli-620 024.

19. Presented a paper titled “Studies on antimicrobial susceptibility of bacteria causing urinary tract infection in different age group of Pattukottai” in a National Level **Seminar** on Advances in Microbiology, held on 5th October 2007 organized by PG and Research Department of Microbiology, Kurinji College of Arts and Science, Tiruchirappalli-620 002, Tamil Nadu.
20. A paper titled “Sub lethal effect of copper sulphate on the histological alterations in the intestine of *Oreochromis mossambicus*” Presented in a **National Conference** on Animal Ethics and Welfare, held from 28. 03. 2008 to 30. 03. 2008, at Zoology Department, DDE, Annamalai University, Annamalai Nagar.
21. A paper titled “Ast I Alt ratio in acute uncomplicated Falciparum malarial infection” Presented in a **National Conference** on Animal Ethics and Welfare, held from 28. 03. 2008 to 30. 03. 2008, at Zoology Department, DDE, Annamalai University, Annamalai Nagar.
22. A paper titled “Amino acid utilization by *Leptospira canicola*” Presented in a **National Conference** on Animal Ethics and Welfare, held from 28. 03. 2008 to 30. 03. 2008, at Zoology Department, DDE, Annamalai University, Annamalai Nagar.
23. A paper titled “Utilization of micro algae extracts for Enhancing yield in *Vigna mungo* and *V. radiate*” Presented in a **National Conference** on Animal Ethics and Welfare, held from 28. 03. 2008 to 30. 03. 2008, at Zoology Department, DDE, Annamalai University, Annamalai Nagar.
24. A paper titled “Studies on the effects of chromium and Cadmium on the biochemical constituents of the fresh water fish *Cirrhinus mrigala* (Hamilton)” Presented in a **National Conference** on Animal Ethics and Welfare, held from 28. 03. 2008 to 30. 03. 2008, at Zoology Department, DDE, Annamalai University, Annamalai Nagar.
25. A paper titled “Studies on water quality factors on the Growth of the tiger prawn, *Penaeus monodon* culture pond at winner aqua farm, Sathiram” Presented in a **National Conference** on Animal Ethics and Welfare, held from 28. 03. 2008 to 30. 03. 2008, at Zoology Department, DDE, Annamalai University, Annamalai Nagar.
26. Paper titled “The predatory behaviour and efficiency of the water bug *Sphaerodema rusticum* on mosquito larvae *Culex quenequefasciatus*”, Presented in a **National Conference** on Biotechnological Approaches for Ecofriendly Insect Pest Management , held from 27. 02. 2009 to 28. 02. 2009, at Department of Zoology, University of Madras, Chennai.
27. Paper titled “Effect of neem oil on the haemocytic profile of the small rice grasshopper *Oxya nitidula*”, Presented in a **National Conference** on Biotechnological Approaches for Ecofriendly Insect Pest Management , held from 27. 02. 2009 to 28. 02. 2009, at Department of Zoology, University of Madras, Chennai.
28. Paper titled “Histopathological studies of neem oil on the alimentary canal of the small rice grasshopper *oxya nitidula* (walker)” Presented in a **National Conference** on

Biotechnological Approaches for Ecofriendly Insect Pest Management , held from 27. 02. 2009 to 28. 02. 2009, at Department of Zoology, University of Madras, Chennai.

29. Paper titled “Toxicity of monocrotophos on the haemolymph constituents of small rice grasshopper, *Oxya nitidula*” Presented in a **National Conference** on Recent Trends in Bioscience -21 Millennium, Bios-2009, held from 06. 03. 2009 to 07. 03. 2009, at Zoology Department, Annamalai University, Annamalai Nagar.
30. Paper titled “Effect of heavy metal nickel on the biochemical constituents of fresh water fish *Oreochromis mossambicus*” Presented in a **National Conference** on Recent Trends in Bioscience -21 Millennium, Bios-2009, held on 6th & 7th March 2009, at Zoology Department, Annamalai University, Annamalai Nagar.
31. Two papers titled “Sublethal effect of heavy metal cadmium on oxygen consumption and gill histology of the fresh water mussel *Lamellidens marginalis*” and “Toxicity of copper on the physiology of the estuarine *Meritrix casta* (Chemnits) at different temperatures” presented in **International Symposium** on Environmental Pollution, Ecology and Human Health, held during July 25-27, 2009, hosted by Department of Zoology, S.V University, Tirupati.
32. Presented a paper titled “Human Rights and Environment” in an **National Level Seminar** on Awareness of Human Rights , held on 1st and 2nd August 2009 organized by PG and Research Department of Computer Science, Khadir Mohideen College, Adirampattinam-614 701, Tamil Nadu.
33. Presented a paper titled “Antimicrobial susceptibility effects of *Leptospira srovars* in Nagapattinam District” in an **International Conference** on Frontiers in Biomedical Sciences, held during 26-28th, August, 2009 organized by PG and Research Department of Zoology, Holy Cross College, Tiruchirappalli 620 002.
34. A paper title “Studies on physico-chemical characteristics of drinking water samples of Thanjavur area” presented in a three day **National Symposium** on Emerging Trends in Life Sciences, held from 17.3.2010 to 19.3.2010 organized by Department of Zoology, Rajah Serfoji Government College, Thanjavur.
35. Presented the following papers in a **National Seminar** on Emerging Trends in Life Sciences held on March 17-19, 2010 at, P.G. and Research Department of Zoology, Rajah Serfoji Govt. Arts College, Thajavur.
36. Presented paper “Antimicrobial susceptibility pattern of urinary tract pathogens in Pattukkottai area, Tamil Nadu” in a UGC sponsored **National Seminar** on Recent Advances in Life Sciences., held on 28th and 28th December 2011 organized by Department of H.H. The Rajah’s College, Pudukkottai 622 001.
37. Presented paper” Impact of water quality factors on growth and survival of fishes cultured at S.K. Fish Farm, Mangalanayakipuram, Thiruvarur District, Tamil Nadu” in a UGC sponsored **National Seminar** on Current Perspectives In Biological Sciences, held on 11th and 12th October 2012 organized by Research Department of Zoology, Rajah Serfoji Govt. Arts College, Thajavur.

38. Presented papers in a National **Conference** on "Advances in Modern Biology and Environment" held on 7th and 8th February 2013 at Department of Zoology, H.H. The Rajah's College, Pudukkottai.
39. Presented a paper titled "Isolation and characterization of bioactive compounds from selected medicinal plants against vector mosquitoes" in a **National Conference** on "Environment and Health" on 25th January 2019 at Department of Zoology, Jamal Mohamed College, Tiruchirappalli-620020.
40. Presented a paper titled "Efficacy of Merremia emarginata leaf extract mediated silver nanoparticles against mosquito vectors of public health importance" in a **National Conference** on "Emerging Trends in Entomology" on 7th and 8th March 2019 at Department of Zoology, The American College, Madurai-625002.
41. Presented a paper titled "Clinical findings of Nosocomial Disease and Treatment with Antibacterial Drugs" in a National level Seminar on Infectious Diseases and Medical Developments on 10th January 2020 at Department of Zoology, Syed Ammal Arts and Science College, Ramanathapuram-623 513.

20. Seminar/ Conferences / Workshops/Awareness Programs Organized				
S. No.	Role Played	Theme of the Activity Conducted	Sponsored & Place	Date
1	Organizing Member	UGC Sponsored State Level Seminar on “Use of plant extracts as Bio-pesticides in insect control”	P. G. Department of Zoology, Khadir Mohideen College, Adirampattinam-614701.	30. 3. 1999
2	Organizing Secretary	UGC Sponsored National Seminar on Control of Insects by Plant Insecticides held on	P. G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614701.	28 & 29 th May 2003
3	Organizing Secretary	UGC Sponsored National Seminar on “Emerging Trends and Challenges in Aquatic Biotechnology	P. G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614701 in collaboration with Indian Association of Aquatic Biologists	11 & 12 th February, 2011.
	Organizing Coordinator	Tamil Nadu State Council for Science and Technology, Chennai & National Council for Science and Technology, New Delhi Sponsored Popularization of Science Activities	P.G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614701	03. 10. 2018
	Organizing Secretary	Tamil Nadu State Council for Science and Technology, DOTE Campus, Chennai sponsored Young Scientist Programme	P.G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614701	24. 12. 2018
	Organizing Convener	Tamil Nadu State Council for Science and Technology, DOTE	P.G. and Research Department of Zoology, Khadir Mohideen College,	06.1.2019

		Campus, Chennai sponsored Workshop on Ornamental Fish Culture	Adirampattinam-614701	
4	Organizing Secretary	An Awareness Programme on Disasters on Coastal Environment and Community Response	P.G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614701	7 th February, 2019
5	Organizing Convener	Workshop on Aquaculture	P.G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614701	22. 02. 2020
	Organizing Coordinator	Webinar on Biodiversity and its Conservation on the special occasion of environmental day 2020 Celebration	P.G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614701	05. 06. 2020
	Organizing Secretary	A webinar on NAAC Criterion III: Research, Innovations and Extension"	Internal Quality Assurance Cell of Khadir Mohideen College, Adirampattinam-614 701	15.06.2020
	Organizing Coordinator	Workshop on Medical Lab Techniques sponsored by Tamil Nadu State Council for Science and Technology Chennai	P.G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614701	08.03.2021 & 09. 03. 2021
	Organizing Secretary	International Webinar on Current Trends In Covid 19 Diagnosis, Research and Treatment	P. G. and Research Department of Zoology & Internal Quality Assurance Cell, Khadir Mohideen College, Adirampattinam - 614701.	12.09.2021
	Organizing Convener	Tamilnadu State Council For Science and	Internal Quality Assurance Cell, Khadir Mohideen	11.02.2022- 13.02.2022

		Technology Sponsored Popularization Of Science Activities	College, Adirampattinam - 614701.	
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21. Seminars / Webinars / Conferences /Workshops Attended/Participated

1. **One day workshop** on “Animal use in practical- Pros & Cons”–organised by the PG Department of Zoology and Wildlife Biology, A.V.C. College, Mannampandal, on 25. 02 2001.
2. **Two day workshop** on “Marvels in Bioinformatics” on 29th and 30 August 2003, at Post Graduate Department of Bioinformatics, Ponnaiya Ramajayam College, Thanjavur. 614 904.
3. **A National Symposium cum Workshop** on “Animal Cell Culture and Bioinformatics” held from 24 to 27 February 2006, at Post Graduate Department of Biotechnology, E.G.S. Pillay Arts and Science College, Nagapattinam– 611 002.
- 4.
5. Participated in a **Workshop** on “**Testing & Evaluation**” organized by National Testing Service – India, Regional Field 7, Tamil Nadu East, H.QRS: CT & C, Central Institute of Indian Languages (Ministry of HRD, Department of Higher education, Government of India, Mysore -570 006) held from 28.05.2009 to 30.05.2009 at National College, Tiruchirappalli– 620 001.
6. Participated in a **Workshop** on “**Teaching Cum Orientation for Item Preparation on Test and Evaluation**” organized by National Testing Service – India, Regional Field 7, Tamil Nadu East, H.QRS: CT & C, Central Institute of Indian Languages (Ministry of HRD, Department of Higher education, Government of India, Mysore -570 006) held from 30.09.2009 to 02.10.2009 at National College, Tiruchirappalli– 620 001.
7. Participated in Two days **National Webinar** on Biotechnological and Immunological Perspectives of Pandemic Disease organized by Department of Zoology and Research Centre, Virapandianpatnam, Tiruchendur – 628216 from 09.06.2020 to 10.06.2020.
8. Participated in **International Webinar** on “Microbiome and Proteome in Human Life” on 20.04.2021 organised by Bon Secours Arts and Science College for Women, Mannargudi.
9. Participated in a **Webinar** on World Earth Day - Restore Our Earth on 22.04.2021 organized by Surana Educational Institutions, Bangalore In Association with Karnataka Science and Technology Academy (KSTA), Department of Science and Technology, Govt. of Karnataka.
10. Participated in the **Webinar** conducted on the occasion of World Environment Day 2021 organized by the PG and Research Department of Zoology, Rajah Serfoji Government College (Autonomous), Thanjavur 613 005 on 07.06.2021.
11. Participated in the **International Webinar** Programme to focus on “Waste to Wealth” organized by the Department of Zoology, Ayya Nadar Janaki Ammal College, Sivakasi on 08.06.2021.

12. Participated in a **National Level Webinar** on Corona Virus And Wildlife Trade organized by Pope's Eco Club and PG Department of Zoology, Pope's College (Autonomous), Sawyerpuram-628251, Thoothukudi District on 19.06.2021.
13. Participated in One-day **National Virtual Webinar** on “Vermitechnology for Sustainable Agriculture and Organic Waste Management” organized by the Department of Zoology, M.R. Government Arts College, Mannargudi - 614 001 on 30.07.2021
14. Participated in the **International Workshop** on "Current Trends Biostatistics" organised by the Department of Zoology & Research Centre in associate with Internal Quality Assurance Cell, Nesamony Memorial Christian Colle Marthandam on 29.06.2021.
15. Participated in One-day **National Virtual Webinar** on “Vermitechnology for Sustainable Agriculture and Organic Waste Management” organized by the Department of Zoology, M.R. Government Arts College, Mannargudi - 614 001 on 30.07.2021.
16. Participated in one day **National Webinar** on "Identifying Intellectual Property Component at the early stage of Innovation” organized by PG & Research Department of Zoology, Arulmigu Palaniandavar College of Arts & Culture, Palani held on 07.08.2021.
17. Participated in One-day **Webinar** on World Elephant Day - 2021 Theme: Protect and Care these Magnificent Creatures in Non-exploitive and Sustainable Environments organized by Government Museum, Tirunelveli & Department of Zoology, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli on 12.08.2021.
18. Participated in One-day **National Webinar** on “Sericulture: A Profitable and Sustainable Activity” organized by IGNOU-LSC 43016, Vivekananda College, Madurai, held on 24.08.2021.
19. Participated in International Webinar on Impacts of Disease in Shrimp Aquaculture & It's Diagnostic Methods organized by Department of zoology, Muqyyath Sha Sirguro Wakf Board College, K.K. Nagar, Madurai on 25.03.2022.

22. Books Written and Published				
No.	Author Name	Title of the Book	Name of publishers	Year of Publication
1	Dr. N. A. Mohamed Farook and Dr. A. Amsath	Text Book of Biotechnology	WWW Publications	2007
2	Dr. A. Amsath and	Apiculture	Lap Lambert Academic	2013

	M. Govindarajan	ISBN:978-3-659-32309	Publishing House, Germany https://www.amazon.in/Apiculture-Amsath/dp/3659323098	
3	Dr. K. Shameem Rani and Amsath Dr. A.	Immunology 9789353113049	Pothi Publication https://publish.pothi.com/preview/?sku=SKU9696 https://store.pothi.com/book/dr-k-shameem-rani-immunology/ https://store.pothi.com/book/dr-k-shameem-rani-immunology/	2018
4	M. Abareethan and A. Amsath	Advanced Practical Manual in Zoology	Dream Book Publishing ASIN: B09MNKKH5Z https://www.dreambookpublishing.com/product/advanced-practical-manual-in-zoology/ https://www.amazon.in/Books-Amsath-a/s?rh=n%3A976389031%2Cp_27%3AAmsath+a	2021 26 November
5	M. Abareethan and A. Amsath	Research Methodology: Methods and Techniques	WC Publishers ISBN 9789391730	2021

Publication of Chapters in Book

Abareethan, M. and **Amsath, A.** 2021. Determination of Characterization and Evaluation of Probiotic Fish Feed (Chapter 3). In: New Visions in Biological Science. Vol. 4 (Ed. Dr. Slawomir Borek, (Editor). Book Publisher International, ISBN-13 (15), 978-93-5547-118-5

(Print), 978-93-5547-119-2 (eBook). DOI: 10.9734/bpi/nvbs/v4/13102D. pp. 19-83.
<https://stm.bookpi.org/NVBS-V4/article/view/4295>)

23. Member in Editorial Board

1. **Editor-in-Chief** for “International Journal of Zoology and Applied Biosciences”. (<http://www.ijpaz.com/index.php/ijpaz/author>) from January 2016 to 2020 and **Editorial Board member** from 2021 to till date.
2. **Associate Editor** for “Acta Entomology and Zoology”. (<https://www.actajournal.com/board>).
3. **Editor-in-Chief** for “International Journal of Pure and Applied Zoology”. (<https://www.alliedacademies.org/international-journal-of-pure-and-applied-zoology/editors.php>) from 2012 to 2015 and **Editorial Board member** from 2016 to till date.
4. **Editorial Review Board member** for “Journal of American Academic Research”. (<http://www.american-journals.com/#!about/cipy>)

24. Reviewer of the following journal: Nil.

25. Membership in Academic Body/Board of Studies

a. Member in Academic Body

Member in	Academic Body	Place	Year
Society For Reproductive Biology and Comparative Endocrinology https://srbce.org/members.php	Department of Endocrinology, Dr. ALM Post Graduate Institute of Basic Medical Sciences,	University of Madras, Taramani Campus, Taramani-Velachery Link Road, Taramani, Chennai-600113.	1994-Till date
			2016-Till date

b. Member in Board of Studies

Board Studies	College /University	Place	Year
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Member in B.Sc. & M.Sc. Board of Zoology	Bharathidasan University	Tiruchirappalli-620024,	2009-12.
Member in B.Sc. & M.Sc. Board of Zoology	ADM College for Women (Autonomous)	Nagapattinam-611 001, Tamil Nadu	From 2016 to till date
Member in B.Sc. & M.Sc. Board of Zoology	Bharathidasan University	Tiruchirappalli-620024,	From 2018 to 21
Member in B.Sc. & M.Sc. Board of Zoology	A.V.V.M. Sri Pushpam College	Poondi, Thanjavur, Tamil Nadu 613503	From 2019 to till date

26. Guest lectures			
S. No.	Topic of the Guest lecture	Name of the Institutions	Date
1	Delivered a guest lecture on “Designer Vaccine”	Department of Biochemistry, E.G.S.Pillay College, Nagapattinam	14 th August 2006
2	Delivered a guest lecture on “Health and Hygiene” at the “In-service Training Programme for Secondary Grade Science Teachers” by Tamil Nadu Council for Science Technology, Chennai	Khadir Mohideen College, Adirampattinam	4 th to 8 th January 2010
3	Delivered a guest lecture on “Survey and clinical aspects of leptospirosis” at Diamond Jubilee Year Celebrations organized by Zoology Association	PG and Research Department of Zoology, Jamal Mohamed College, Tiruchirappalli on	August 30 th 2010.
	Delivered a Lecture on “ Applications of Zoology ” in a Zoology Association Meeting.	Department of Zoology H.H. the Rajah’s (Autonomous) College, Pudukkottai	10 th February 2017

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27. Membership of Professional Bodies: Nil.

28. Details of Major/Minor Research Projects taken so far: Nil.

29. Details of participation in extra and co-curricular activities in our and other colleges

a Extra and co-curricular activities in our colleges:

S.No.	Name of Activity	Period
1	<p>As Convenor</p> <ol style="list-style-type: none"> 1. Convener for “Student Counselling Cell” of Khadir Mohideen College, Adirampattinam to counsel the students personally and academically. 2. Convener for “Zoological Association of KMC” to conduct Zoology related activities of Khadir Mohideen College, Adirampattinam. 3. Convener for Workload Committee, Khadir Mohideen College, Adirampattinam for the progress of the library. (14.12.2020). 4. Member for Enquiry Committee, Khadir Mohideen College, Adirampattinam for the progress of the library. (24.12.2020). 5. Member for Cadre Promotion Processing Committee, Khadir Mohideen College, Adirampattinam for the progress of the library. (11.02.2021). 6. 7. Convener for Library Progressive Committee, Khadir Mohideen College, Adirampattinam for the progress of the library. 8. Convener for Parent Teacher Association, Khadir Mohideen College, Adirampattinam. (Coordinator-29.3.22) 	
2	<p>Served as Residential Tutor</p> <p>Worked as Residential Tutor in Khadir Mohideen College Boys Hostel from June.</p>	1. 7. 1990 to 31. 5. 1991.
3	<p>Served as Secretary</p> <p>Secretary in Student Cooperative store Khadir Mohideen</p>	25. 11. 1996 to

	College.	31. 1. 1998.
4	<p>Served as Editor for Proceedings</p> <p>Editor for Proceeding on the “Control of Insects by Plant Insecticides”, in C.</p> <p>Editor for Proceeding on the “Control of Insects by Plant Insecticides”, in 2003 and for another Proceedings on the “Emerging Trends and Challenges in Aquatic Biotechnology”, in 2011.</p>	<p>2003</p> <p>2011</p>
5	<p>Served as member for Interview Committee</p> <p>Conducted interview to recruit a Research Fellow for a MoEF Major project at Department of Zoology, Khadir Mohideen College, Adirampattinam.</p>	5. 5. 2013
6	<p>Served as member Interview for Disciplinary Committee</p> <p>Disciplinary Committee of Khadir Mohideen College, Adirampattinam to maintain the students personally and academically.</p>	
7	<p>Served as Dean of Sciences</p> <p>Supervising and maintaining the Science Departments of Khadir Mohideen College, Adirampattinam.</p>	
8	<p>Served as Vice Principal</p> <p>Khadir Mohideen College, Adirampattinam</p>	01.06.2020 - 13.10.2020
9	<p>Served as Student escort for the Educational Field Trip</p> <p>Served as Student escort for the Educational Field Trip visit of 25 M.Sc. students to Rajiv Gandhi Centre for Aquaculture.</p>	05/03/2019
10	<p>Served as Member</p> <p>Member in Internal Quality Assurance Cell, Khadir Mohideen College, Adirampattinam.</p>	2016 to till date
11	<p>Steering Committee Adviser</p> <p>Adviser for Steering Committee of NAAC, Khadir Mohideen College, Adirampattinam.</p>	2021 to till date

b Extra and co-curricular activities in other colleges:

S.No.	Name of Activity			Period/Date
1	As committee member Committee member to conduct interview for recruitment of a Research Fellow for a UGC Major project at Department of zoology, Annamalai University, Annamalainagar.			12. 4. 2013
2	As Chair person/ Repporteur <ul style="list-style-type: none"> Chair person in a three day National Symposium on Recent Trends in Environment and Biotechnology, organized by Department of Zoology, Government College, Kumbakonam. Repporteur in a State level on Recent Trends in Environmental Biotechnology, organized by Department of Zoology, Jamal Mohamed College, Tiruchirappalli 620 020. Chair person in a three day National Symposium on Emerging Trends in Life Sciences, organized by Department of Zoology, Rajah Serfoji Government College, Thanjavur. Chair person in one day National Conference on "Enivironment and Health" organized by Department of Zoology, Department of Zoology, Jamal Mohamed College, Tiruchirappalli-620020. 			26.7.2004 to 28.7.2004 13. 3. 2008 17.3.2010 to 19.3.2010 25.01.2019
3	As Chairman <ul style="list-style-type: none"> Chairman for UG Zoology Valuation at Unit V, Library Annex Building, Bharathidasan University, Tiruchirappalli 			29.05.2015.
4	As Doctoral Committee Member			
	Member in	Guide and Ph.D. Scholar Name	College and Place	Attended Date
a	Doctoral Committee	Dr. B. Anandharaj, Assistant Professor N. Sudha	Department of Microbiology, M.R. Government Arts College (Autonomous), Mannargudi-614 001	07. 04. 2016. 29.06.2018
b	Doctoral Committee	Krishnaveni Ms. R. Geetha	Department of Zoology, ADM College for Women (Autonomous), Nagapattinam	19. 06.2017.

c	Doctoral Committee	Dr. R. Ravichanaran, Assistant Professor & A. Arivzhagan Ref. No. 22564/Ph.D.K7/ Zoology/ Part Time/January 2018/Date: 19.03.2018	Department of Zoology, Raja Serfoji Government Arts College (Autonomous), Thanjavur-613 005	
5	As Examiner for Evaluation of Ph.D. Thesis			
	Thesis	University		Evaluated
2	Ph. D.	Bharathiyar		3
		Annamalai		4
		Osmania		2
		Bharathidasan		10
6	As Examiner for B.Sc. and M.Sc. Practical and Theory Evaluations Evaluated the practical and theory papers in Bharathidasan University and Autonomous Colleges like, Rajah Serfoji Government College, Thanjavur, Jamal Mohamed College, Tiruchirappali, ADM College for Women, Nagapattinam, AVC Collegege, Mayiladuthurai, Government Arts College for Women, Pudukkottai, ANJA College, Sivakasi, etc.			
7	As Subject Expert for Course Affiliation			
	Name of the Commission	Course Affiliation	College & Venue	Date
a	Inspection Commission	B.Sc. Zoology	Bon Secours Arts and Science College for Wemen, Ruckmanipalayam, Mannargudi - 614001	04.06.2019
b	Inspection Commission	B.Sc. Zoology	Government Arts College, Kulithalai- 639120.	16.09.2019

c	Review Commission	B.Sc. Zoology	Government Arts College, Kulithalai- 639120.	14.01.2020
d	Review Committee	M.Sc. Zoology	Rajah Serfoji Govt. College (Autonomous), Thanjavur - 613005	07.02.2020
e	Review Commission	B.Sc. Zoology	Bon Secours Arts and Science College for Wemen, Ruckmanipalayam, Mannargudi - 614001	08.02.2020
f	Inspection	B.Sc. Zoology	Kalaimahal College of Arts and Science, Sembanarkoil – 609309, Nagai Dt.	02.09.2020
g	Review Inspection	B.Sc. Zoology	Government Arts and Science College for Women (Autonomous), Pudukkottai - 622001	28.11.2020
h	Review Commission	Diploma in Ornamental Fish Culture	AVVM Sri Pushpam College, Poondi-613503	23.11.2021
8	As Subject Expert for Interview			
	Details of Interview Board for		College & Venue	Date
1	Bharathidasan University nominated Subject Expert for the selection of Assistant Professor in Zoology		AVVM Sri Pushpam College, Poondi-613503	05.12.2020
2	Subject Expert in a Zoology Interview Board for the post of Assistant Professor		National College, Tiruchirappalli-620001	16.08.2021
	As Subject Expert for Evaluation Committee for CAS			
	Details of Interview Board for		College & Venue	Date
1	Evaluation of Zoology Faculty - Assistant Professor Level 11 to 12		ADM College for Women (Autonomous), Nagapattinam	11.01.2021

2	Evaluation of Zoology Faculty - Assistant Professor Level 11 to 12	AVVM Sri Pushpam College, Poondi-613503	15.06.2022
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30. Orientation / Refresher/Short Term/MOOC/ FDP/Other Courses Attended

S.No.	Name of the Course	Place of the Course	Duration	Period
1	Refresher Course in Aquaculture	St. Xavier's College, Manonmaniam University, Tirunelveli	2 to 29, May 1994	28 Days
2	Refresher Course in Water Resources and Aquaculture	Bharathidasan University, Thiruchirappalli	1 to 28, March 1996	28 Days
2	Refresher Course in Sericulture	Tamilnadu Agricultural University, Coimbatore	8.2.1999 to 3.3.1999	28 Days
3	Refresher course in Zoology	Bharathidasan University, Thiruchirappalli	29-11-2002 to 19-12-2002	21 Days
4	Teaching Cum Orientation for Item Preparation on Test and Evaluation	National Testing Service-India, Regional Field 7, National College, Tiruchirappalli	30.09.2009 to 02.10.2009	3 Days
5	Faculty Development Programme on Academic Research and Preparation of Ph.D. Thesis	Internal Quality Assurance Cell, Vysya College, Salem-636 103	25.01.2010.	1 Day
6	Faculty Development Programme on "Entrepreneurship in Aquaculture" (EIAC-2022)	PG Department of Zoology & Internal Quality Assurance Cell, Syed Ammal Arts and Science College, Ramanathapuram	08.06.2021 to 10.06.2021	3 Days
7	"Environmental issues and awareness" on Integrated Approach in Science & Technology for Sustainable Future (Webinar series: 28.02.2022 -03.03.2022)	IQAC, Government Arts College, Salem.	25.02. 2022 to 03.03.2022	7 Day
8	Three Weeks Faculty	Research and Development	21.03.2022	3

	Development Programme on Research Innovations in Biological Sciences and Physical Sciences	Cell in Collaboration with Department of Microbiology, Zoology and Physics, Syed Ammal Arts and Science College, Ramanathapuram	to 12.04.2022	Weeks
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31. Honors and awards received:

a. Awards received:

1. **Best paper presentation award** received for the paper titled “Sub lethal effect of mercuric chloride on oxygen consumption and gill histology of the fresh water mussel, *Lamellidens marginalis*” in national seminar on recent trends in aquaculture practices-towards technological empowerment of aquaculture farmers on 7th and 8th August.2008 at organized by Department of Zoology, Bharathiar University, Coimbatore.
2. Honoured with **Bharat Jyoti Award and Certificate of Excellence** (in an international seminar on “Economic growth and national integration”) on 11th November 2011 by India International Friendship Society, New Delhi for meritorious services and excellent achievements in the field of higher education.
3. Dr. A. Amsath, Associate Professor of our college was honoured with “**Rajah Best Research Advisor Award**” by the Eco club on 8th February 2013 at H.H. The Rajah’s College, Pudukkottai in a National Conference on "Advances in Modern Biology and Environment”.
4. Dr. A. Amsath, Associate Professor of our college was honoured with “**Best Teacher Award 2018**” by Maventricks Technologies on 14th April 2018 for his outstanding contribution towards the field of higher education and release of Zoology Resources Website (www.zoologyresources.com) for teaching and learning.
5. Dr. A. Amsath, Associate Professor of our college was honoured with “**Kalvi Bharathi Award**” by Lions Club International, Pattukkottai Awarded for Best Teacher at Teacher Day Celebration on 8th September 2018.

Computer Skills

1. Well versed with the working and use of **personal computers**.
2. Familiar **Microsoft Office 2016 (Word, Excel and Power Point), Adobe Photoshop** and Filmora Video Ediotr other applications used for Class teaching, Papers publication and book publications.

3. Effective usage of broadband connection for browsing.

Citation Indices of Google Scholar on 12.09.2022

Citation indices	All	Since 2017
Citations	629	408
h-index	15	13
i10-index	20	17