

Dr. U. RAMESH

ASSISTANT PROFESSOR

Department of Molecular Biology
School of Biological Sciences
Mobile No: 9489014892
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Educational Qualifications : M.Sc., Ph.D

Professional Experience : Teaching: 8.2 years, Research: 11 years

FIELD OF SPECIALIZATION

- Genotoxicity (Zebra fish)
- Fish biology
- Aquatic microbiology

RESEARCH SPECIALIZATION

- Cardiac Hypertrophy and Heart Failure
- Xenobiotic metabolism and Gut microbiome alterations
- Alcoholic Cardiomyopathy
- Mitochondrial Dynamics

Research Supervision:

Program	Completed	Ongoing
Ph.D	1	7
M.Phil	4	--

PROFESSIONAL EXPERIENCE

No	Institution	Position	From (date)	To (date)	Duration
1	Department of Molecular Biology, School of Biological	Sr. Assistant Professor	2015	Till date	3 Years

	Sciences, Madurai Kamaraj University, Madurai, TN, India.				
2	Department of Molecular Biology, School of Biological Sciences, Madurai Kamaraj University, Madurai, TN, India.	Assistant Professor	2010	2015	5 years

ON-GOING RESEARCH PROJECT

No	Title of the Project	Funding Agency	Total Grant	Year
1	Ethanol potentiated differential mitochondrial dynamics and its effect on calcium homeostasis in alcoholic heart muscle disease.	DST- SERB	38.13 Lakhs	2015-2018
2	Identification and characterization of Novel, Therapeutic Cardiac Phosphatase Inhibitors from Sponge-associated Epi-bacterial Metagenome	DBT	53.5 Lakhs	2015-2018
3	A study on the role of small Non-Coding RNA in Diabetic Heart Disease.	DST-SERB (Co-PI)	55 Lakhs	2016-2019

PUBLICATIONS

1. Mariappan Rajan, Ayyappan Prabhavathy and **Uthandakalai Pandian Ramesh** (2015). Natural Deep Eutectic Solvent Extraction Media for Zingiber officinale Roscoe: The Study of Chemical Compositions, Antioxidants and Antimicrobial Activities, *The Natural Products Journal*, 5(1): 3-13.
2. **Raghavan, K** and Ramesh, U. (2014). Quality assessment of water samples from the perennial river Thamirabarani: a physio-chemical parameter analysis. *Journal of Research in Ecology*. 2(2): 115-122.
3. Kumar D, **Ramesh U** and Mariselvan M. (2014). Growth valuation of *Channa striatus* fry fed with different live feeds. *Journal of Research in Ecology* (2014) 2(1): 001-006.
4. Kumar, P., Ramarajan S, Maharajan S, Sundaravadivelan C, Anburaj J, Kuberan T, Mariselvan M, Muthu Kumar S and **Ramesh U**. (2013). Immunostimulatory effect of vitamin E on infected common carp, *Cyprinus carpio* (L.) against *Aeromonas hydrophila*. *Journal of Research in Ecology* (2013) 2(3): 007-017.
5. Ambika, K.B., Ramesh, U. Saravanan, K. and Hencil Peter, J. (2013). An Enhanced Version of Pattern Matching Algorithm using Bitwise XOR Operation, *International Journal of Computer Applications*, **68(23)**: 24 - 30.
6. Chandrasekar, S., Sundaravadivelan, C., Sevarkodiyone, SP., Mariselvan, M. and Ramesh, U. (2012). Study on the Density of Mosquitoes in a Dry Area from Keela Arunachalapuram, Vilathikulam Taluk, Tamil Nadu, India, *International Journal of Environmental Sciences*, **2(4)**: 2167 - 72.
7. Kumar, D. and Ramesh, U. (2012). Emergence of Midge flies larvae in organic culture media under laboratory condition, *Int. J. Biological Technology*, **3(2)**: 1 - 4.
8. Pushparaj, A., **Ramesh, U.** and Ambika, P. (2012). Effect of probionts on the growth and food utilization of clown fish, *Amphiprion sebae* (Bleeker, 1853). *Inter. J. App. Bio. and Pharmaceu. Tech.*, 3(1): 309 - 314.
9. Pushparaj, A., **Ramesh, U.** and Ambika, P. (2012). Impact of Dietary Protein Levels on the Reproductive Performance of *Penaeus monodon*, *World Journal of Fish and Marine Sciences* 4 (2): 115-120.
10. R. Saravanakumar, Ronald, J., Maheswari, K. and **Ramesh, U.** (2011). Phylogenetic identification of antimicrobial active marine bacteria from sediments off the coast of South East India, *Inter. J. Appli. Bioresear.*, **1**: 5 - 14.

11. R. Saravanakumar, Ronald, J., **Ramesh, U.** and Maheswari, K. (2011). Molecular analysis of sponge associated bacteria in Gulf of Mannar Coast and their antibacterial activity against fish pathogens, *Inter. J. Biol. Tech.*, **2(2)**:19 - 27.
12. **Ramesh, U.** and Maridass, M. (2010). Wound healing effect of chitosan in fresh water fish *Cyprinus carpio L.* *Inter. J. Biol. Tech.*, **1(1)**: 99 - 102.
13. Sugumar, G., **Ramesh, U.** and Selvan, A. (2010). Susceptibility of crab chitosan against *Staphylococcus aureus*. *Bioresearch Bulletin*, **1**: 7 - 9.
14. Maridass, M. and **Ramesh, U.** (2010). Investigation of Phytochemical constituents from *Eulophia epidendrea*, *Inter. J. Biol. Tech.*, **1(1)**: 1 - 7.
15. Maridass, M. and **Ramesh, U.** (2010). Chemosystematics evaluation of *Eugenia* species based on molecular marker tools of flavonoids constituents. *Inter. J. Biol. Tech.*, **1(1)**: 107 - 110.
16. Maridass, M., **Ramesh, U.** and Raju, G. (2010). Evaluation of Phytochemical, Pharmacognostical and Antibacterial Activity of *Garcinia gummicutta* Leaves. *Pharmacologyonline*, **1**: 832 - 837.
17. Bala Saraswathy, N., Sugumar, G., Selvan, A., **Ramesh, U.** and Velayutham, P. (2008). Changes in quality characteristics of cooked and uncooked crab meat (*Portunus pelagicus*) under ice storage. *Asian Fisheries Sci.*, **21**: 101 - 112.
18. Sugumar, G., Chrisolite, B., Velayutham, P. Selvan, A. and **Ramesh, U.** (2008). Occurrence and seasonal variation of bacterial indicators of faecal pollution along Thoothukudi coast, Tamil Nadu. *J. Environ. Biol.*, **29(3)**: 387 - 391.
19. Bala Saraswathy, N., Sugumar, G., Selvan, A., **Ramesh, U.** and Neethiselvan, N. (2006). Comparison of meat quality of *Portunus pelagicus* and *Portunus sanguinolentus*. *Fishery Technology*, **43(2)**: 168 - 175.
20. Victor, B., Mannar Mannan, M., Maridass, M., **Ramesh, U.** and Prabhu, J.M.A. (2005). Fecundity and sex-ratio studies on freshwater fish, *Puntius filamentosus* (Valenciennes) in Tamparabarani River, Tamil Nadu. *J. Inland Fisheries Society of India*, **36(1)**: 72 - 74.
21. Martin, P., Innocent, B.X., **Ramesh, U.** and Maridass, M. (2004). Biomanure upliftment of rural farmers. *Agrobios Newsletter*, III(**3**): 17 - 18.
22. Victor, B., **Ramesh, U.**, Prabhu, J.M.A. and Mannar Mannan, M. (2004). Dietary supplementation of α and β - chitosan enhances growth and blood cell composition in common carp, *Cyprinus carpio L.* *Fishery Technology*, **41(2)**: 87 - 92.
23. Victor, B., **Ramesh, U.** and Maridass, M. (2003). Effect of dietary β - Chitosan levels on survival and growth of fingerlings of *Cyprinus carpio*, *Catla catla* and *Cirrhinus mrigala*. *Fishery Technology*, **40(1)**: 5 - 7

24. Victor, B., Maridass, M., **Ramesh, U.** and Prabhu, J.M.A. (2003). Antibacterial activity of essential oils from the leaves of *Adiantum capillus - Veneris* Linn. *Malaysian Journal of Science*, **22**: 65 - 66.
25. Victor, B., Maridass, M. and **Ramesh, U.** (2003). Antibacterial activity of *Citrullus lanatus* flower and fruits. *J. Eco. Physiology*, **5**(1-2): 1 - 3.
26. Victor, B., Maridass, M and **Ramesh, U.** (2002). Preliminary phytochemical and chemopharmacognostical studies on *Stenocleana palustris* (BURN.) beddome. *J. Advances Plant Sciences*, **16**(11): 395 - 398.
27. Victor, B., Maridass, M. and **Ramesh, U.** (2002). Ethno botanical information of *Eulophia epidendreaea* (Retz.) Fischer (Orchidaceae) on the Kambli malaikovil forest, Tirunelveli District, Tamil Nadu. *Bombay Natural History Society*, **102**(2): 255.

PAPER PRESENTED IN CONFERENCE/SEMINAR/WORKSHOP

1. Shobana M, Raghavan K and **Ramesh U (2016)**. "FTIR based metabolic profiling in Organic and Aqueous Extracts of fresh water fish *Lepidocephalus thermalis* (V.)" in NABS and SERB sponsored "National Conference on New Biological Researches: Opportunities and Challenges for Sustainable Development" held during August 11 & 12, 2016 at Madurai Kamaraj University, Madurai, Tamil Nadu, India
2. Raghavan, K*. Shobana, M. and **Ramesh, U.** (2016). Genotoxicity study using Micronuclei assay in *Channa punctata* of Vaigai River, Madurai, Tamil Nadu at 9th NABS National Conference on New Biological Researches: Opportunities and Challenges for Sustainable Development held on August 11 and 12, 2016 at School of Energy, Madurai Kamaraj University, Madurai.
3. J.C. Walter Devaa and **U. Ramesh. (2016)**. Comparative testing of breeding hormones HCG and WOVA-FH in trout brood stock for maximum stocking and production at Inter National Conference on "Challenges and

Opportunity in Life Sciences” held on 5 and 6th April 2016 at Department of Zoology, Sri Meenakshi Government Arts College for Women, Madurai – 02.

4. S. Muthukumar and **U. Ramesh. (2016)**. Molecular identification and phylogeny of Channa species from Western Ghats from Tamilnadu at Inter National Conference on “Challenges and Opportunity in Life Sciences” held on 5 and 6th April 2016 at Department of Zoology, Sri Meenakshi Government Arts College for Women, Madurai – 02.
5. Vidhyalakshmi, N., Priyadharshini, S. and **Ramesh. U. (2016)**. Studies on the developmental toxic effect of the herbicide Glyphosate on Zebrafish (*Danio rerio*) embryo at Inter National Conference on “Challenges and Opportunity in Life Sciences” held on 5 and 6th April 2016 at Department of Zoology, Sri Meenakshi Government Arts College for Women, Madurai – 02.
6. Krishnaveni, G., Vidhyalakshmi, N. and **Ramesh, U. (2016)**. Isolation and Characterization of Probiotics from the fresh water fishes of Vaigai River at Inter National Conference on “Challenges and Opportunity in Life Sciences” held on 5 and 6th April 2016 at Department of Zoology, Sri Meenakshi Government Arts College for Women, Madurai – 02.
7. R.Rekha, V.Vijay and **U. Ramesh. (2016)**. Isolation and Characterization of Biofilm forming *Staphylococcus epidermidis* in frozen House hold fresh water fish and its effect on human health at Inter National Conference on “Challenges and Opportunity in Life Sciences” held on 5 and 6th April 2016 at Department of Zoology, Sri Meenakshi Government Arts College for Women, Madurai – 02.
8. *K. P. Karuppaiah and **Ramesh U. (2016)**. Bacteriological evidences of water pollutuion I rever Vaigai – Madurai at Inter National Conference on “Challenges and Opportunity in Life Sciences” held on 5 and 6th April 2016 at Department of Zoology, Sri Meenakshi Government Arts College for Women, Madurai – 02.*
9. *Shobana M, Raghavan, K. and **Ramesh, U. (2016)**. In – silico analysis of Cytochrome Oxidase I gene of Lepidocephalus thermalis from Vaigai River, Tamil Nadu at Inter National Conference on “Challenges and Opportunity” held on 5 and 6th April 2016 at Department of Zoology, Sri Meenakshi Government Arts College for Women,*

Madurai – 02.

10. R. Arthimanju, V.Vijay and **U. Ramesh. (2016)**. Effect of probiotic and prebiotic as dietary supplement on the growth, gut microbial count, digestive enzyme and antioxidant enzyme activity of *Channa striatus*. at Inter National Conference on “Challenges and Opportunity” held on 5 and 6th April 2016 at Department of Zoology, Sri Meenakshi Government Arts College for Women, Madurai – 02.
11. Raghavan, K., Shobana, M. and **Ramesh, U. (2016)**. Detection of Genetic Variation in *Channa* sp. from Vaigai and Cauvery River - Molecular Approach at Inter National Conference on “Challenges and Opportunity” held on 5 and 6th April 2016 at Department of Zoology, Sri Meenakshi Government Arts College for Women, Madurai – 02.
12. S. Muthukumar and **U. Ramesh. (2016)**. Mitochondrial Genetic Variation of Channa Species in southern Western Ghats of Tamilnadu at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
13. Raghavan, K, Shobana M and **Ramesh, U. (2016)**. Assessment of Water Quality in Vaigai River, Tamil Nadu by Analysing the Physico – Chemical Parameters at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
14. Shobana M₁, Raghavan K₁ and **Ramesh U. (2016)**. Morphometric, Meristic And Molecular Characterization Of *Lepidocephalus Thermalis* From Vaigai River Tamil Nadu at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
15. Vignesh S P, **Ramesh. U. (2016)**. Chemical Extraction of *Chitosan* from Crustacean and its Characterization at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
16. Vijay. V ₁, **Ramesh, U. (2016)**. DNA Barcoding of *p. Tambraparaniei* – a key to Identify Variability Among Species at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.

17. R. Arthimanju and **U. Ramesh**. (2016). Probiotic Application and Changes of Humoral Immune response in Striped Murrel *Channa striatus* at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
18. R. Rekha ¹, V. Vijay ² and **U. Ramesh**. (2016). Characterization of *Staphylococcus epidermidis* in frozen fish and its effect on human health at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
19. Subbulakshmi.M,**U. Ramesh**, M. Kannan₁ and A. Pushparaj (2016). Mycodiversity of Wild Mushrooms from Western Ghats of Tirunelveli District Especially Kalakadmundanthurai Tiger Reserve & Range in Tamilnadu at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
20. P. Susithra, **U. Ramesh**, M. Kannan₃ and K. Rajarathinam (2016). Isolation of Bioplastic producing bacteria from oil contaminated soils collected from Virudhunagar at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
21. J.C. Walter Devaa and **U. Ramesh**. (2016). Comparative testing of breeding hormones in Trout Brood stock for maximum stocking and production at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
22. S. Soniya, M. Mariselvan and **U. Ramesh**. (2016). Bioremediation of heavy metals using bio-surfactants at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
23. Priyadharshini. S, Vidhyalakshmi. N, **Ramesh. U.** (2016). Studies on the impact(s) of Glyphosate on the development of Zebrafish (*Danio rerio*) at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
24. K. Uma Sangareswari, M. Kannan*, G. PremKumar, K. Rajarathinam and **U. Ramesh**. (2016). Studies on microbial community characterisation from natural fermentation for indigo dye production at National Conference on *Recent Trends in Modern Biology*

- & 47th Aqua-Terr Annual Conference held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
25. R.S. Raubbin, A. Pushparaj and **U. Ramesh**. (2016). Phytochemical analysis and Antibacterial Potential of Selected Brown Seaweed *Stoechospermum marginatum* from Gulf of Mannar Biosphere Reserve, India at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
 26. K. P. Karuppaiah and **Ramesh U.** (2016). Isolation screening and characterization of organophosphate pesticide Monocrotophos 36% SL Degrading Microorganism from Vaigai River in Madurai at National Conference on *Recent Trends in Modern Biology & 47th Aqua-Terr Annual Conference* held on 27, 28 Feb 2016 at School of Biological Sciences, Madurai Kamaraj University, Madurai – 21.
 27. Shobana M and **Ramesh, U** (2016). Nutritional profiling of Indigenous Cobitid fish *Lepidocephalus* sp. at “**103rd Indian Science Congress 2016**”, held at University of Mysore during 3rd – 7th January, 2016. **POSTER PRESENTATION.**
 28. Raghavan K and **Ramesh, U.** (2016). “Physico - chemical Parameter analysis of Water quality in Cauvery River (Tamil Nadu) India.” at **103rd Indian Science Congress 2016**, held at University of Mysore during 3rd – 7th January, 2016.
 29. S. Muthukumar, **Ramesh, U.** (2015). Morphometric and Meristic Characteristics of *Channa* sp., from Southern Western Ghats at **BIOGALAXIA, 2015** a National Level Symposium held on 18, December 2015, at Bharathiar University, Coimbatore, Tamil Nadu, India.
 30. Vignesh, S.P., and **U. Ramesh** (2015). Medical importance of value added biomaterials from crustaceans waste (chitosan) – importance of disease management in fresh water aquaculture. At National Conference on “**Biomaterials in Medicinal Chemistry**”, 21st and 22nd December 2015 at School of Chemistry, Madurai Kamaraj University, Madurai – 21.
 31. Raghavan K, Shobana, M. and **Ramesh, U.** (2015). “*Insilico* Analysis of COX from *Channa striata*” at **BIOGALAXIA, 2015** a National Level Symposium held on 18, December 2015, at Bharathiar University, Coimbatore, Tamil Nadu, India. **POSTER PRESENTATION.**
 32. Shobana M, Raghavan K and **Ramesh, U.** (2015). “Genetic variation study in wild and farmed fresh water fish *Lepidocephalus* sp. using RAPD markers” at **BIOGALAXIA, 2015** a National Level Symposium held on 18, December 2015, at Bharathiar University, Coimbatore, Tamil Nadu, India. **POSTER PRESENTATION.**
 33. Shobana M, Raghavan K and **Ramesh, U.** (2015). “Comparative Evaluation of Nutritional Quality in wild and farmed fresh water fish *Lepidocephalus thermalis* (V.) in DBT sponsored “**International Conference on Converging Biotechnological Innovations for Health, Food and**

Environmental welfare” held during December 2 – 4, 2015 at Karunya University, Coimbatore, Tamil Nadu, India.

34. Raghavan, K. and **Ramesh, U.** (2015). Comparative Study Of n -3 Fatty Acids In Selected Marine and Fresh Water Fishes in India. Paper presented at the National Seminar on “**Conservation and Sustainable Utilization of Marine Resources**” 1(1): 94-99, 2015, ISBN-978-81-927330-7-4. 22nd – 24th January 2015, TDNMS, T. Kallikulam.
35. Vidhyalakshmi, N., Gunasekaran, P., Madhavan, S, and **Ramesh, U.** (2015). Cloning, expression, purification and antibody validation of zebrafish ER-Alpha and ER-Ligand binding domain **Aquaterr**. School of Biological Sciences, Madurai Kamaraj University. **POSTER PRESENTATION.**
36. Vijay, V. and **Ramesh, U.** (2015). Oral presentation at International Conference on Nanotoxicology, “**ICNanotox – 2015**” held at SASTRA University, Kumbakonam entitled “Review: Understanding toxicants in blood” on February 13-14.
37. Vignesh S P and **Ramesh, U.** (2015). Poster presentation at “**National Conference on Biomaterials in Medicinal Chemistry**” held at Madurai Kamaraj University, entitled “Medicinal importance of value added biomaterials from crustaceans waste (Chitosan)- Importance in disease management in freshwater Aquaculture” on 21st-22nd Dec 2015.
38. S. Muthukumar, **Ramesh, U.** (2014). Morphometric characteristics analyses of *Channa diplogramma* from river Thamirabarani and Chittar reservoir, Westernghats of Tamilnadu. at **BIOGALAXIA, 2014** a National Level Symposium held on 17, October 2014, at Bharathiar University, Coimbatore, Tamil Nadu, India. **POSTER PRESENTATION.**
39. Raghavan, K., Emmanuel Joshua Jebasingh, S, and **Ramesh, U.** (2014). Anti-diabetic Activity of spirulina (*Arthrospira platensis*) on Streptozotocin Induced Type 1 Diabetic Rats. Paper presented at the National Seminar on “**Biovision – Recent Trends and Future Perspectives of Biosciences**” 5th and 6th September 2014. Arumugam Pillai Seethai Ammal College, Thirupathur.
40. S. Muthukumar, **Ramesh U.** (2014). Morphometric characteristics analyses of *Channa diplogramma* from river Thamirabarani and Chittar reservoir, Western Ghats of Tamilnadu. at **BIOGALAXIA, 2014** a National Level Symposium held on 17, October 2014, at Bharathiar University, Coimbatore, Tamil Nadu, India. **POSTER PRESENTATION.**
41. Arthi Manju, R., **U. Ramesh** and M.A. Haniffa (2013). Effect of *Bacillus coagulants* and *Saccharomyces cerevisiae* incorporated diets on growth response of *Channa striatus*, **Aquaterr**. School of Biological Sciences, Madurai Kamaraj University.
42. **Ramesh, U.** and Victor, B. (2009). Wound healing influence of dietary chitin and chitosan in the fish *Cyprinus carpio*. Paper presented at the State level Seminar on “**Recent Trends in Biotechnology**”. 11th

- September 2009, Annai Velankanni College, Tholayavattum, Kanyakumari.
43. Sugumar, G., Selvan, A. and **Ramesh, U.** (2007). Chitosan, a biopolymer effective against bacterial pathogens and help in fish preservation. Presented at the International Workshop on, "**Capacity building in the areas of avian viral diseases and animal biotechnological applications**", 21st-23rd August 2007, Madras Veterinary College, Chennai, India.
 44. Sugumar, G., **Ramesh, U.** and Selvan, A. (2006). Bacterial contamination of the coastal waters and freshly landed fish in Thoothukudi, Southeast coast of India. Paper presented at the National Seminar on "**Ecoinformatics**". 15th and 16th December 2006, Govindammal Aditanar College for Women, Thiruchendur.
 45. Sugumar, G., **Ramesh, U.** and Selvan, A. (2006). Effect of chitosan against bacteria of aquaculture importance. Paper presented at the National Seminar on "**Biomedicine in aquaculture**". 17th-18th March 2006, Stella Maris, Kanyakumari.
 46. Sethuramalingam, T.A., **Ramesh, U.** and Ramalakshmi, C. (2005). The suitability of selected animal protein sources in the formulated diets for anabantid air breathing fish *Macropodus cupanus*. Paper presented at the National Seminar on "**Technology and Management of Bioresources**". 21st and 22nd March 2005, St. Xavier's College, Palayankottai. Tirunelveli.
 47. Sugumar, G., Selvan, A. and **Ramesh, U.** (2004). Effect of crab chitosan on the susceptibility of *Staphylococcus aureus*. Paper presented at the National Symposium on "**Recent trends in Fisheries Education and Research**". 4th December 2004, Fisheries College and Research Institute, Thoothukudi.
 48. Victor, B., **Ramesh, U.**, Prabhu Arachi, J. and Mannar Mannan, M. (2004). Leucocyte response to *Aeromonas hydrophila* in the fingerlings of common carp, *Cyprinus carpio* fed with chitin and chitosan diets. Paper presented at the National Seminar on "**Rural Biotechnology for Sustainable Development**", 19th and 20th February 2004. Gandhigram Rural University, Dindugul.
 49. Victor, B., Mannar mannan, M., Prabhu Arachi, J. and **Ramesh, U.** (2004). Fecundity and sex-ratio of freshwater ornamental fish, *Puntius filamentosus*. Paper presented at the National Seminar on "**Rural Biotechnology for Sustainable Development**". 19th and 20th February 2004. Gandhigram Rural University, Dindugul.
 50. Victor, B., Prabhu Arachi, J., **Ramesh, U.** and Mannar mannan, M. (2004). Feeding and reproduction of the native killi fish *Aplocheilus lineatus*. Paper presented at the National Seminar on "**Rural Biotechnology for Sustainable Development**". 19th and 20th February 2004. Gandhigram Rural University, Dindugul.

CONFERENCE/WORKSHOP/SEMINAR/TRAINING ORGANIZED

1. Seminar on “**Management of Sustainable Environment**”, Manonmaniam Sundaranar University, Abisegapatti, **Thirunelveli** on 16th and 17th March 2004.
2. International Seminar on “**Challenges and Applications in Biotechnology**”, Thanthai Hans Roever College, **Perambalur** on 4th - 6th March 2004.
3. Regional Workshop on “**Techniques in Biology**”, St. John`s College, **Palayamkottai** on 1st-3rd March 2004.
4. Seminar on “**Environmental Pollution**”, Aqua Meet 2004, Kamaraj College, **Thoothukudi** on 21st and 22nd February 2004.
5. Seminar on “**Natural Farming**”, Sri Paramakalyani Centre for Environmental Sciences, Manonmaniam Sundaranar University, **Alwarkurichi** on 11th April 2001.
6. Training Course on “**Organic Cultivation and Semi Processing of High Valued Medicinal Plants Involving Rural Women**”, National Botanical Research Institute (NBRI), **Lucknow** on 25th - 28th April 2000.
7. National Workshop on “**Sustainable Organic Farming**”, New College, **Chennai** on 24th - 27th January 1998.
8. Workshop on “**Tribal Medicine**”, Sri Paramakalyani Centre for Environmental Sciences, Manonmaniam Sundaranar University, **Alwarkurichi** on 25th March 1995.

BOOK PUBLISHED

1. Pushparaj, A., **U. Ramesh** and P. Ambika, (2011). Biology of clown fish: Impact of symbiosis on the breeding biology of clown fish, LAP LAMBERT Academic Publishing, 104Pp. **ISBN-10: 3846557919, ISBN-13: 978-3846557914.**
2. Raghavan K* and **Ramesh U.** (2015). Comparative Study of N-3 Fatty Acids in Selected Marine and Fresh Water Fishes in India. Paper presented at the National Seminar on January 22 -23 “**Conservation and Sustainable Utilization of Marine Resources**” 1(1): 94-99, 2015, ISBN-978-81-927330-7-4.

CONTACT

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Educational Qualification : M.Sc., Ph.D., (Environmental Biotechnology)

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