

Faculty Profile of Dr. V. Ramasubramanian



Dr. V. Ramasubramanian

Professor

Department of Zoology

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Research Area

- Fish Immunology, Larval Nutrition
- Fish Diseases Reproductive biology
- Marine Biotechnology
- Culture of live feed organisms
- Ornamental fish culture

Education & Career

Education

Ph.D.

Subject : Zoology

Institution : University Department, University of Madras

Affiliated University : University of Madras

Year of Award : 1998

M.Phil.,

Subject : Zoology

Institution : University Department, University of Madras

Affiliated University : University of Madras

Year of Award : 1993

M.Sc.,

Subject: Zoology

Institution : A.V.V.M. Sri Pushpam College

Affiliated University : Bharathidasan University

Year of Award : 1990

B.Sc.,

Subject: Zoology

Institution : Raja Serfoji Govt. College

Affiliated University : Bharathidasan University

Year of Award : 1988

Career**At Bharathiar University (Reverse Order)**

Professor : June 2018 to Till date

Associate Professor : June 2015 to June 2018

Assistant Professor : June 2005 to June 2015

Past Experience

Teaching Faculty : November 2002 to June 2005 at Thiruvalluvar University, Vellore.

Teaching Faculty : November 2000 to October 2002 at P.G Extension Centre University of Madras, Vellore

Senior Research Fellow(EEC,BelgiumProject) : February 1998 to May 2000 at University of Madras, Chennai

CSIR- Senior Research Fellow : January 1994 to February 1997 at University of Madras, Chennai

Awards

Academic Awards

Awarding agency : NSF.

Purpose of award: Best faculty award.

Country : India.

Date of Award : 2019

Awarding agency : NSF.

Purpose of award : Best Leader Ship award.

Country : India.

Date of Award : 2017.

Awarding agency : EEC.

Purpose of award : SRF Scholarship awarded.

Country : Belgium.

Date of Award : 1996 - 1999.

Awarding agency : CSIR-SRF.

Purpose of award : Merit scholarship.

Country : India.

Date of Award : 1994-1996.

Awarding agency : European Crustacean Conference.

Purpose of award : Young scientist award .

Country : Belgium.

Date of Award: 1996.

Travel awards

Funding agency : DST.

Name of conference : Attended International Conference on Aquaculture America, Las vegas, .

Country : U.S.A.

Title of paper : Survival and reproduction of Cyclopoid Copepods.

Dates : Feb 28th – 2ndMarch 2012.

Funding agency : National taiwan Ocean University.

Name of conference : Institute of Marine Biology, National Taiwan Ocean University, Keelung, Taiwan, 202..

Country : Taiwan.

Title of paper : Bio enrichment of live feeds available in India.

Dates : October 6-9, 2009.

Funding agency : CSIR.

Name of conference : Department of Biology, Khon Kaen University, Khon Kaen, Thailand Attended 9th International Rotifer Symposium. Department of Biology, Srinakharinwirot University, Bangkok, .

Country : Thailand.

Title of paper : Rotifer as effective feed for ornamental fishes.

Dates : 16 th to 30, Jan 2000.

Funding agency : CSIR.

Name of conference : Zoological Institute, Quai Van Beneden, Liege, Belgium. Attended 2nd European Crustacean Conference. Institute of Animal Ecology, Ghent State University, Ghent, Belgium .

Country : Belgium.

Title of paper : Bio encapsulation of Artemia parthenogenetic nauplii usable in practical Aquaculture.

Dates : Sep 1 to 30 1996.

Membership

Organization : Indian Society of Crustacean Biology.

Type of Membership : Life time.

Period : 2000.

Organization : Indian Society of Invertebrate Reproduction.

Type of Membership : Life time.

Period : 2002.

Organization : World Aquaculture society.

Type of Membership : Life time.

Period : 2016.

Organization : Indian Society of Life Sciences.

Type of Membership : Life time.

Period : 2010.

Organization : Indian science congress Association.

Type of Membership : Life time.

Period : 2015.

Organization : Nature Science Foundation.

Type of Membership : Life time.

Period : 2018.

Organization : National Academy of Biological Sciences.

Type of Membership : Life time.

Period : 2017.

Visits

Country Visited : U.S.A..

Month and Year : February 28- 3March2012.

Duration of Visit : 4days.

Purpose of Visit : Attended International Conference on Aquaculture America, Las vegas, U.S.A.

Country Visited : Singapore.

Month and Year : October 10-15, 2009.

Duration of Visit : 5days.

Purpose of Visit : National University of Singapore,Biopolish, Singapore.

Country Visited : Taiwan.

Month and Year : October 6-9, 2009.

Duration of Visit : 4days.

Purpose of Visit : Institute of Marine Biology, National Taiwan Ocean University, Keelung, Taiwan, 202.

Country Visited : Thailand.

Month and Year : JAN 16 to 30 (2000).

Duration of Visit : 15days.

Purpose of Visit : Department of Biology, Khon Kaen University, Khon Kaen, Thailand Attended 9th International Rotifer Symposium.Department of Biology, Srinakharinwirot University, Bangkok,Thailand.

Country Visited : Belgium.

Month and Year : SEPT 1 to 30 (1996).

Duration of Visit : 30days.

Purpose of Visit : Zoological Institute, Quai Van Beneden, Liege, Belgium. Attended 2nd European Crustacean Conference. Institute of Animal Ecology, Ghent State University, Ghent, Belgium.

Collaborators

Memorandum of understanding (MoU) made on 27th February 2020 between Bharathiar University Coimbatore, Tamil Nadu and ICAR - National Bureau Of Fish Genetic Resources (NBFGR) Lucknow.

Others

Projects

Funded Projects(National level)

- [Ongoing-1](#)
- [Completed-4](#)

1. Bioactive compounds with anticancer properties from selected species of marine organisms.

Principle Investigator: Dr. V. Ramasubramanian

Funding Agency : RUSA- BCTRC

Amount : Rs. 19.64 lakhs.

Duration : 2021 - 2023

1. Setting up of demonstration hatchery for edible and ornamental fish culture for the upliftment of Student community, Self-help group members and Aquaculture farmers.

Principle Investigator: Dr. V. Ramasubramanian

Funding Agency : RUSA phase II - BEICH.

Amount : Rs. 12.5 lakhs.

Duration : Jan 2020- June 2020

2.Screening for antimicrobial peptides from Marine Actinomycetes against Septicemia in Indian Carp.

Principle Investigator:Dr. V. Ramasubramanian

Funding Agency : DBT

Amount : Rs.35 lakhs

Duration : 2015 - 2018

3.Development of new feed formulation towards technological empowerment of aquaculture.

Principle Investigator:Dr. V. Ramasubramanian

Funding Agency : UGC

Amount : Rs.8 lakhs

Duration : 2009 - 2012

4.Assessment of fluoride in ground water.

Principle Investigator:Dr. V. Ramasubramanian

Funding Agency : DRDO

Amount : Rs.11 lakhs

Duration : 2009 - 2012

Consultancy Projects

- [Ongoing](#)
- [Completed](#)

Research Guidance

- [Post-Doc](#)
- [Ph.D](#)
- [M.Phil](#)
- [M.Sc](#)

Ongoing

Accordion content 1.

Awarded

Accordion content 2.

Ongoing

1. Name of the candidate: Darthi Queen

Title of Thesis: Studies on post-embryonic development stages of freshwater copepod *mesocyclops thermocyclopoides*

Year of Award: NA

Status: Ongoing

2. Name of the candidate: Ragunath. C

Title of Thesis: Isolation and Characterisation of Sulfated Polysaccharide in *Padina boergesenii* as dietary supplements and their Antibacterial activity in *oreochromis niloticus*

Year of Award: NA

Status: Ongoing

3. Name of the candidate: Sree Lakshmi K

Title of Thesis: Probiotic as an alternative treatment for cancer therapy

Year of Award: NA

Status: Ongoing

4. Name of the candidate: Karthik. P

Title of Thesis: Isolation and Characterisation of Sulfated Polysaccharide in *Padina boergesenii* as dietary supplements and their Antibacterial activity in *oreochromis niloticus*

Year of Award: NA

Status: Ongoing

5. Name of the candidate: Krishnaveni

Title of Thesis: Effects of replacing fishmeal with squash seed meal (*Cucurbita maxima*) on performance of juvenile Nile tilapia (*Oreochromis niloticus*)

Year of Award: NA

Status: Ongoing

6. Name of the candidate: Efgin ann

Title of Thesis: Effects of replacing fishmeal with squash seed meal (*Cucurbita maxima*) on performance of juvenile Nile tilapia (*Oreochromis niloticus*)

Year of Award: NA

Status: Ongoing

7. Name of the candidate: Sowndarya V

Title of Thesis: Immunomodulatory and Growth promoting effect of dietary *citrullus lanatus* in catla catla fingerlings against the challenge of *Aeromonas hydrophila*

Year of Award: NA

Status: Ongoing

Awarded

15. Name of the candidate: K Pavithra

Title of Thesis: Efficacy of dietary nano-selenium and kanamycin-selenium conjugated nanoparticles on growth performance, metabolic enzyme activity, antibacterial activity and immune gene expression of *Labeo rohita*

Year of Award: NA

14. Name of the candidate: M.S. Shabana

Title of Thesis: Molecular characterization of functionalized quercetin loaded Mesoporous silica nanoparticle (qmsn) and assessment of its anti- Bacterial properties on Nile tilapia (*Oreochromis niloticus*)

Year of Award: 2022

13. Name of the candidate: M. Karthika

Title of Thesis: Influence Of Duckweed (Lemnaceae) Enriched Copepod (Helidiaptomus Vidus) On Growth Gene Expression And Innate Immunity Of Nile Tilapia (*Oreochromis Niloticus*)

Year of Award: 2021

12. Name of the candidate : G.Vidhya

Title of the Thesis :Studies on the laboratory culture and nutritional indices of the fresh water copepod *Mesocyclops aspericornis* for ornamental fish *brachydanio rerio*.

Year Of Awarded :2019

11. Name of the candidate : P.Arunkumar

Title of the Thesis :Nutritional Evaluation of Probiotics enriched fish meal for Indian major carps

Year Of Awarded :2017

10. Name of the candidate : S.Munirasu

Title of the Thesis :Effect of Probiotics supplemented diets on growth performance, survival rates, digestive enzyme activity and Haematological parameters for the freshwater fish *Labeo rohita* fingerlings.

Year Of Awarded :2016

9. Name of the candidate : S. Muthukumar

Title of the Thesis :Effect of Bioencapsulated live feed *Artemia salina* on growth and survival of freshwater fish *cyprinus carpio*

Year Of Awarded :2013

8. Name of the candidate : A.Kiruba

Title of the Thesis :Dietary supplementation with Chitin and Chitosan Hametology and Immune response in *Labeo rohita* Against Bacterial pathogens *brachydanio rerio*.

Year Of Awarded :2013

7. Name of the candidate : M.Shankar

Title of the Thesis :Studies on the Nutritional Evaluation and Bio-Enrichment Of *Mesocyclops Thermocyclopoides* For *Brachydanio Rerio* Rearing

Year Of Awarded :2012

6. Name of the candidate : R.Ravi Kumar

Title of the Thesis :Studies On Feeding Efficiency, Nutritional Quality And Digestive Enzymes Activities In Mosquitofish, *Gambusia affinis* (Baird And Giard 1853)"

Year Of Awarded :

5. Name of the candidate : V. Uthayakumar

Title of the Thesis :Reproductive Biology, Haemolytic, Antimicrobial and Therapeutic effect of freshwater fish *Mastacembelus armatus*- A case study

Year Of Awarded :2014

4. Name of the candidate : P.R.Sreedevi

Title of the Thesis :Studies on the Nutritional Evaluation and Mass Culture of Green mussel *Perna viridis*- An Effective System for Augmentation and Processing.

Year Of Awarded :2011

3. Name of the candidate : K.Sendesh kannan

Title of the Thesis :Evaluatuion and management of Floride Condamionation in Ground water Using GIS in Dharmapuri District, Tamilnadu, India.

Year Of Awarded :2012

2. Name of the candidate : K.R.Divya

Title of the Thesis :Studies on the laboratory culture and nutritional evaluation of the fresh water copepod *Thermocyclopes decipiens* for the ornamental fish culture.

Year Of Awarded :2012

1. Name of the candidate : A. Isamma

Title of the Thesis :Studies on the Nutrition evaluation and Bio-Enrichment of *Artemia franciscana* nauplii for *brachydanio rerio* rearing.

Year Of Awarded :2014

Ongoing

Awarded

36. Name of the candidate: Sreebin

Title of Thesis: Diversity, Abundance and Catch Composition Of Fishes In Relation To Season, Water Parameters And Habitat Ecology In Kavvayi Tropical Wetland, Kerala.

Year of Award: December -2022

35. Name of the candidate : C. Ragunath

Title of the Thesis :Evaluation of Seaweeds *Padina boerfesenii* and *Calurepa racemosa* as dietary supplements and their Antibacterial activity in *Cirrhinus mrigala*.

Year Of Awarded :November-2018

34. Name of the candidate :Anjana, A.M.

Title of the Thesis :Nutritional Evolution and Bioenrichment of *Ceriodaphnia cornuta* for commercialfish *Labeo rohita*

Year Of Awarded :November-2017

33. Name of the candidate : R.Satheesh

Title of the Thesis :Effect of different level of Dietary Copper doped Zinc Nanoparticle on Growth Performance, Biochemical profile, enzyme Status and immune Response of the freshwater fish *Labeo rohita*

Year Of Awarded :November-2016

32. Name of the candidate :K.Madhuri

Title of the Thesis :Immunostimulant potential of vitamin -c in *cyprinus carpio* challenged with *Aeromonas hydrophila*

Year Of Awarded :September 2014

31. Name of the candidate : K.Pavithra

Title of the Thesis :Invitro and invivo evaluation of cytotoxic and pathogenic effect of extra cellular products produced by fish pathogens

Year Of Awarded :September 2014

30. Name of the candidate : P.Arun Kumar

Title of the Thesis :Effect of curcuma longa enriched *Mesocyclops Thermocyclopoides* on fresh waterfish *Cyprinus carpio*

Year Of Awarded :September 2014

29. Name of the candidate : A.Subha

Title of the Thesis :Studies on Post Embryonic Development and Nutritional Evaluation of Indian Copepod *Mesocyclops Thermocyclopoides* towards Enhancement of Growth on Zebra Fish *Brachydanio Rerio*.

Year Of Awarded :March-2014

28. Name of the candidate : P.Dhanalakshmi

Title of the Thesis :Effect of Plant Extracts, Probiotics and Prebiotics Supplemented Diets on Immunity and Disease Resistance to *Aeromonas Hydrophilla* in *Cirrhinus Mirgala*

Year Of Awarded :March-2014.

27. Name of the candidate : Rajalakshmi. M

Title of the Thesis :Effect of Live feed *Ceriodaphniacornuta* on growth performance in ornamental fish *Xiphophorus maculatus*.

Year Of Awarded :November-2018

26. Name of the candidate : G.Vidhya

Title of the Thesis :Effect of *Tinospora cordifolia* on the immunity and survival of amur carp *Cyprinus carpio haetopterus* infected with *Aeromonas hydrophila*.

Year Of Awarded :Septemper-2011

24. Name of the candidate :P.Jaya

Title of the Thesis :Induced breeding of *Cyprinus carpio* using synthetic hormones ovaprim and Human chorionic gonadotropin hormone (HCG).

Year Of Awarded :September-2011

23. Name of the candidate : S.Gokilavani

Title of the Thesis :Impact of chitosan on growth survival and antibacterial property of *Cyprinus carpio*

Year Of Awarded :September-2011

22. Name of the candidate : S.Munirasu

Title of the Thesis :Bioenrichment of live feeds copepods and daphnia for the survival and growth of fresh water fish *Catla catla*.

Year Of Awarded :September 2011

21. Name of the candidate : V.Sudeshna

Title of the Thesis :Effect of *Solanum xanthocarpum* as an immuno stimulant on the growth and immune response of *Cirrhinus mirgala*

Year Of Awarded :September 2010

20. Name of the candidate :N.Amutha priya

Title of the Thesis :Effect of bioencapsulated live feed daphnia magna for the growth and survival of Zebra fish *brachydanio rerio*.

Year Of Awarded :Septemper 2010.

19.Name of the candidate : . S.Viji

Title of the Thesis :Assessment of water pollution in different water samples using biomarkers in the fish model *oreochromis mossambicus*.

Year Of Awarded :Septemper 2009

18.Name of the candidate : M.Dhanalaksmi

Title of the Thesis :Microbial intervention for fish health in aquaculture through bioremediation – A case study

Year Of Awarded :Septemper 2009

17. Name of the candidate : V.Manikantan

Title of the Thesis :Bioencapsulation of *Artimia franciscana* using differend feeds for commercial fish-*Labeo rohita* (hamilton).

Year Of Awarded :Septemper 2009

16. Name of the candidate : L.Divya

Title of the Thesis :Effect of probiotics on nutritional evaluation of commercial fish *Labio rohita* (hamilton) using bioenrichment technique

Year Of Awarded :Septemper 2008

15. Name of the candidate : K.Jayasurya

Title of the Thesis :Effect of different feeds fed to *artemia franciscana* for nutritional evaluation of commercial fish- *labeo rohita* (hamilton).

Year Of Awarded :Septemper 2008

14. Name of the candidate : P.R.Sreedevi

Title of the Thesis :Formulation of probiotic supplemented rearing medium for ornamental fish *poecilia reticulate*-A Biotechnological approach

Year Of Awarded :September 2008.

13. Name of the candidate : S.Muthukumar

Title of the Thesis :Studies on induced breeding, nutritional evaluation and biochemical investigation on commercial fish *oreochromis mossambicus*

Year Of Awarded :September 2008

12. Name of the candidate :K.Jeeja Geroge

Title of the Thesis :Bioencaptulation of Marine Rotifer *Brachionus plicatilis* for the larval rearing of marine Ornamental fish *Amphiprion sepa*

Year Of Awarded :May-2008

11. Name of the candidate : P.Nimisha

Title of the Thesis :Evaluation of grow out emulsion with varying Fatty acid and Energy levels for Ornamental fish *Xiphophorus maculatus*

Year Of Awarded :March-2008

10.Name of the candidate : J.Ilayaperumal

Title of the Thesis :Effect of Rice bran for the Growth and survival of Indian strain of *Artemia*

Year Of Awarded :October 2007

9. Name of the candidate : K.Jayachitra

Title of the Thesis :Nutritional Evaluation of *Artemia* for Gold fish *Carassius auratus*

Year Of Awarded :

8. Name of the candidate : C.Anandakumar

Title of the Thesis :Effect of Different feeds for growth and survival of commercial Livefeed *Artemia Parthenogenetica* (Crustacea:Anostraca)

Year Of Awarded :October -2007

7. Name of the candidate : K.R.Divya

Title of the Thesis :Studies on the Nutritional Evaluation of *Artemia parthenogenetica* nauplii for Improving fish food value

Year Of Awarded :September - 2007

6. Name of the candidate : A.Isamma

Title of the Thesis :Enrichment of *Artemia franciscana* with different types of oil emulsions and their Use in the rearing of fresh water fish *Cyprinus carpio*

Year Of Awarded :September – 2007

5. Name of the candidate : V.Angayarkanni

Title of the Thesis :Preliminary studies on the suitability of the *Streptocephalus dichotomus* for Ornamental fish *Poecilia latipinna*.

Year Of Awarded :August – 2006

4. Name of the candidate :E.Josebin Rajula

Title of the Thesis :Effect of different food types for population growth on Rotifers (*Brachionus Calyciflorus*, *Brachionus caudatus*, *Asplanchna brightwelli*)-

Year Of Awarded :August- 2006

3. Name of the candidate : K.Gandhimathi

Title of the Thesis :Nutritional Evaluation of Enriched *Artemia franciscana* nauplii for commercial Freshwater fish *Catla catla*

Year Of Awarded :August- 2006

2. Name of the candidate : R.Indirani,

Title of the Thesis :Freshwater rotifer *Brachionus calyciflorus* - A case study

Year Of Awarded :March-2006.

1. Name of the candidate : M.Vijayan

Title of the Thesis :Enrichment of *Artemia parthenogenetica* using commercially available oil emulsions

Year Of Awarded :July 2005

Ongoing

1. Name of the candidate: K Dhandapani

Title of Thesis: Mass culture of Live feeds

Year of Award: NA

Status: Ongoing

2. Name of the candidate: RL Jeevitha

Title of Thesis: Isolation and Identification of Pathogenic Bacteria In *Cyprinus carpio*

Year of Award: NA

Status: Ongoing

3. Name of the candidate: S. Pradeepa

Title of Thesis: Culture of freshwater algae for aquaculture practices

Year of Award: NA

Status: Ongoing

4. Name of the candidate: S. Ananthi

Title of Thesis: Dietary effect of *Annona muricata*, *Centella asiatica* and *Solomon torum* extract on growth, biochemical, non-specific immune response in edible fish

Year of Award: NA

Status: Ongoing

5. Name of the candidate: V Nithya

Title of Thesis: Impact of *Aegle marmelos* and *Bougainvillea glabra* extract on growth body coloration and carotenoid content in ornamental fish

Year of Award: NA

Status: Ongoing

6. Name of the candidate: S Sridevi

Title of Thesis: Heat shock proteins: biological functions and therapeutic applications

Year of Award: NA

Status: Ongoing

7. Name of the candidate: G.S Mowniga

Title of Thesis: Effect of bacterial treatment for biodecolouration of textile azo dye by secondary metabolites from *Bacillus* spp. From gut of *Channa striata*

Year of Award: NA

Status: Ongoing

Completed

93. Name of the candidate: Ruthran M

Title of the thesis: Impact of *Terminalia Catappa* on Growth and Antibacterial Activity Against *Pseudomonas Aeruginosa* and *Klebsiella Pneumonia* In *Oreochromis Niloticus*

Year of award: 2022

Status: completed

92. Name of the candidate: Aishwariya B

Title of Thesis: Effect of Dietary *Gracilaria canaliculata* sonder on Growth Performance, Colouration of *Poecilia sphenops* (White Molly) and their antibacterial activity

Year of Award: 2022

Status: completed

91. Name of the candidate: Keerthana M

Title of Thesis: Effect Of *Solanum Trilobatum* Extract On Immunity And Survival Of Labeo Rohita Infected With *Pseudomonas Aeruginosa*

Year of Award: 2022

Status: completed

90. Name of the candidate: Sharmila V

Title of Thesis: Nutritional evaluation of freshwater copepod *Mesocyclops dissimilis*

Year of Award: 2022

Status: completed

89. Name of the candidate: Priyadharshini S

Title of Thesis: Nutritional Evaluation and Bioenrichment Of *Mesocyclops leuckarti* For Ornamental Fish *Paracheiroidon Innesi*

Year of Award: 2022

Status: completed

88. Name of the candidate: Gayathri M

Title of Thesis: Isolation and Identification of Pathogenic Bacteria In Edible Fish *Oreochromis Niloticus*: A Case Study of Singanallur Lake In Coimbatore, Tamil Nadu

Year of Award: 2022

Status: completed

87. Name of the candidate: Pomani L

Title of the thesis: Effect of inorganic and organic culture medium on phytoplankton and zooplankton growth and nutritional composition

Year of award: 2021

Status: completed

86. Name of the candidate: Subha shree P S

Title of the thesis: Assesment of microplastics in microplastics in the fishes of freshwaterlakes (muthanna lake, ukkadam lake-coimbatore)

Year of award : 2021

Status: completed

85. Name of the candidate: Elayaraja C

Title of the thesis: Mass culture of zooplanktons

Year of award : 2021

Status: completed

84. Name of the candidate: Harinisri G

Title of the thesis: Characterization of anti-proliferative activity of the isolated probiotic strain, *Weissella confusa*

Year of award: 2021

Status: completed

83. Name of the candidate: Agaramudhalvi R

Title of the thesis: Study on probiotic *Bacillus albus* isolated from

Year of award: 2021

Status: completed

82. Name of the candidate: Nandhiniprabha K

Title of the thesis: Effect of dietary *Gracillaria canaliculata* on growth performance, coloration and antibacterial activity on *poecilia sphenops* (white molly)

Year of award : 2021

Status: completed

81. Name of the candidate: Karthik M

Title of the thesis: Isolation and identification of pathogenic bacteria in edible fishes in *catla catla* and *Oreochromis niloticus*

Year of award : 2020

Status: completed

80. Name of the candidate: Shilpa M

Title of the thesis: Effects of sprouted mung bean seeds (*vigna radiate*) on the growth performance of common carp (*cyprinus carpio*)

Year of award : 2020

Status: completed

79. Name of the candidate: Nandhini V

Title of the thesis: Evolution of seaweeds *ulva reticulate* and *cauleroa racemosa* as dietary supplements and its colouration in *cyprinus rubrofusus*

Year of award : 2020

Status: completed

78. Name of the candidate: Janaki M

Title of the thesis: Susceptibility of fish nodavirus and tilapia lake virus in zeprafish cell lines

Year of award : 2020

Status: completed

77. Name of the candidate: Antony anista M

Title of the thesis: Evaluating the cytotoxicity and genotoxicity of cypermethrin, streptocyclin, propiconazole and tebuconazole using danio rerio gil(DrG) cell line

Year of award : 2020

Status: completed

76. Name of the candidate : R.Srinithi

Title of the Thesis :Effect of probiotic *Lactobacillus* sp on the growth, immunity and disease resistance of Indian major carp *Labeo rohita*.

Year Of Awarded :May 2019

75. Name of the candidate :V.Ramya

Title of the Thesis :Phytochemical analysis of *Catharanthus roseus* and *Mangifera indica* plant extracts and its antimicrobial activity in *Cirrhinus mrigala*..

Year Of Awarded :May 2019

74. Name of the candidate : K.Nandini

Title of the Thesis :ZnO and Zn MgO Nanoparticles as feed Supplement on growth performance of cultured Indian major Carp *catla catla*.

Year Of Awarded :May 2019

73. Name of the candidate : K. Indumathy

Title of the Thesis :Biodiversity of zooplankton organisms in and around Coimbatore lakes.

Year Of Awarded :May 2019

72. Name of the candidate :P.Dharmar

Title of the Thesis :Effects of *agaricus bisporus* (white button musroom) on antibacterial activity and growth performance of *oreochromis niloticus*.

Year Of Awarded :May 2019

71. Name of the candidate :M. Manisha

Title of the Thesis :Dietary effect of *brassica oleracea var.capitata f.rubra* (red cabbage) and *brassica oleracea var.italica* (broccoli) on hematoma-immunological, parameters, growth, and disease resistance against *pseudomonas fluorescenes* infection in *labeo rohita*,

Year Of Awarded :May-2018

70. Name of the candidate : G. Vijaya durga

Title of the Thesis :Effect of *cucumis melo* and *pyrus communis* extraction on growth, hematology, immune response and disease resistance in *labeo rohita* against *pseudomonas aeruginosa*,

Year Of Awarded :May-2018

69. Name of the candidate :C Vindhuj

Title of the Thesis :Effect of dietary administration of *rhodomyrtus tomentosa* on the growth performance, biochemical and antibacterial activity in *labeo rohita* challenged with *streptocococuss agalactiae*,

Year Of Awarded :May-2018

68. Name of the candidate : S.Savitha

Title of the Thesis :Isolation and identification of pathogenic bacteria in edible fishes *catla catla*, *Oreochromis niloticus*: a case study of malampuzha dam, in palakkad kerala,

Year Of Awarded :May-2018

67. Name of the candidate : C.Radhika

Title of the Thesis :Effect of phytoplankton's enriched live feeds on the growth and survival of *cyprinus carpio*

Year Of Awarded :May-2018

66. Name of the candidate :R.Nivetha

Title of the Thesis :Effect of *Phyllanthus acidus* on the immunity, growth and haematology of *cyprinus carpio* challenged with *streptococcus pyogenes*.

Year Of Awarded :May-2018

65. Name of the candidate : A.Karthika

Title of the Thesis

:Dietary supplement of probiotics on the growth performance and digestive enzymes study in *lebeo rohita*.

Year Of Awarded :May-2018

64. Name of the candidate :K.Dhanya

Title of the Thesis :Effect of *Kappaphycus Alvarezii* (Seaweed) on growth and antibacterial activity of freshwater fish *lebeo rohita* against *Staphylococcus Aureus*.

Year Of Awarded :May-2018

63. Name of the candidate : V.Ajith kumar

Title of the Thesis :Effect of duck weed (*Spirodela polyrhiza*) on the growth survival of freshwater fish *Cyprinus Carpio*

Year Of Awarded :May-2018

62. Name of the candidate : D.Veera selvi

Title of the Thesis :Effect of dietary supplementation of alpha tocopherol on growth performance, anti- oxidant status and hematological parameters in Indian major carps-

Year Of Awarded :May-2017

61. Name of the candidate : S.Sneha ponmani

Title of the Thesis :Effect of cowdung ,poultry excreta and spirulina on water quality and growth of ornamental fish (*poecilia sphenops*)-

Year Of Awarded :May-2017

60. Name of the candidate : P.Prabha

Title of the Thesis :Effect of vitamin A,cod liver oil and probiotics enriched copepods *Mesocyclops thermocyclopoids* on the growth and survival of *Cyprinus carpio*-

Year Of Awarded :May-2017

59. Name of the candidate : R.Renjini menon

Title of the Thesis :Impact of leaf extract of *adhatoda vasica* and *clitoria ternatea* as immunostimulants in *Danio rerio* against *Aeromonas hydrophila*

pathogen

Year Of Awarded :May-2017

58. Name of the candidate : S.Sanniya

Title of the Thesis :Feeding common carp fish *cyprinus carpio* on different types of algae for growth and survival-

Year Of Awarded :May-2017

57. Name of the candidate : P.Kalai vani

Title of the Thesis :Synthesis of zinc oxide nanoparticles using soluble starch and their antibacterial activity against the fish pathogens *pseudomonas aeruginosa* and *aermonas hydrophila*-

Year Of Awarded :May-2017

56. Name of the candidate : S.Muhasin

Title of the Thesis :Isolation and identification of pathogenic bacteria and its is antibacterial susceptibility analysis in edible fish *catla catla* -

Year Of Awarded :April 2016

55. Name of the candidate : P.Suganya

Title of the Thesis :Isolation and identification of pathogenic bacteria and its is antibacterial susceptibility analysis in edible fish *Labeo Rohita*-

Year Of Awarded :April 2016

54. Name of the candidate : S.Saranya

Title of the Thesis :Isolation and identification of pathogenic bacteria and its is antibacterial susceptibility analysis in edible fish *cirrhinus mrigala*-

Year Of Awarded :April 2016

53. Name of the candidate : P. Darthi queen

Title of the Thesis :Studies on post embryonic development stages of freshwater copepod *mesocyclops thermocyclopoides*"-

Year Of Awarded :April 2016

52. Name of the candidate : P.Jothilakshmi

Title of the Thesis :Nutritional evaluation of algae enriched copepod *mesocyclops aspericornis* on ornamental fish *carassius auratus*-

Year Of Awarded :April 2016

51. Name of the candidate :Rinu Paul

Title of the Thesis :Effect of *Chromolaena odorata* as an Immunostimulants against Bacterial Disease Septicaemia in Ornamental fish *Danio rerio*.

Year Of Awarded :May-2015

50. Name of the candidate :Shanana.M.S

Title of the Thesis :Effects of *Citrus sinensis* on immune Response of *Catla catla* and Diseases resistance against *Shigella flexneri*..

Year Of Awarded :May-2015

49. Name of the candidate :S.Kaleeswari

Title of the Thesis :Effect of *Aloe vera* as a Feed Additives as a diet on Immunity and PostChallenge with *Staphylococcus aureus* in *Cirrhinus mrigala*.

Year Of Awarded :May-2015

48. Name of the candidate :K.Kavitha

Title of the Thesis :Synthesis of Silver Nano particles using herbal plant *Piper Betle* and Their Efficacy Controlling *Streptococcus Agalactiae* Fish *Cyprinus Carpio*-

Year Of Awarded :May-2015

47. Name of the candidate :C.Anushya

Title of the Thesis :Evoluvation of Olive oil and Vitamin C enriched *Daphnia magna* for the larvae of *cyprinus carpio*

Year Of Awarded :April 2014

46. Name of the candidate :K.Sasikala

Title of the Thesis :Immunological studies on *Aeromonas hydrophila* infection in *Cirrhinus mrigala*

Year Of Awarded :April 2014

45. Name of the candidate :K.Vidhya

Title of the Thesis :Evaluvation of Linolic &linolenic acid content in two different species of copepods (*Thermocyclops hyalinus* &*Mesocyclops sapercorins*) fed with different algae

Year Of Awarded :April 2014

44. Name of the candidate :K. Madhuri

Title of the Thesis :Dietary Supplimentation with Chitosan on Haematology and Innate Response in *Cyprinus carpio* Haematopterus against *Aeromonas hydrophila*.

Year Of Awarded :May-2013

43. Name of the candidate :M. Sakthivel

Title of the Thesis :Green synthesis of silver Nanoparticles using commercial fresh water algae.

Year Of Awarded :May-2013

42. Name of the candidate :J.Jeena

Title of the Thesis :Effect of Probiotics in the immune system of fresh water fish *Cyprinus carpio*

Year Of Awarded :May-2013

41. Name of the candidate :Bharani Priya

Title of the Thesis :Extraction and Chemical composition of liver(digestivegland)Oil from pharaoh cuttlefish *Sepia pharaonis* (Ehrenberg, 1831).

Year Of Awarded :May-2012

40. Name of the candidate :V. Sofia

Title of the Thesis :Reclamation of *Loligo duvauceli* (Orbigny, 1848) digestive gland (liver) waste for the extraction of oil and its lipid composition.

Year Of Awarded :May 2012

39. Name of the candidate :D. Dharmadurai

Title of the Thesis :Effect of Chitin and Chitosan enriched diets for enhancement of immune response in Indian Major Carp *Labeo rohita*.

Year Of Awarded :May 2012

38. Name of the candidate :R. Kiruthika

Title of the Thesis :Studies on the lipid composition of liver(digestivegland) oil cuttlefish *Sepiaprashadi* Winckworth, 1936

Year Of Awarded :May 2012

37. Name of the candidate :G . Vidya

Title of the Thesis :Nutritional Evaluation of Commercial fish *Cyprinus carpio*

using *Artemia franciscana*.

Year Of Awarded :May 2010

36. Name of the candidate :S. Sudharsan

Title of the Thesis :Biochemical Composition of two algal species proposed as food for freshwater mussel *Lamellidens marginalis*

Year Of Awarded :May 2010

35. Name of the candidate :A. Murugadas

Title of the Thesis :A study on lysozyme activity, immune response and histopathological analysis in Indian major fish *Cirrhinus mrigala* against *Aeromonas hydrophila*.

Year Of Awarded :May 2010

34. Name of the candidate :V .Gayathri

Title of the Thesis :Effect of enzyme supplementation in diets on growth and feed utilization in platyfish *Xiphophorus maculatus*.

Year Of Awarded :May 2010

33. Name of the candidate :M .Sankar.

Title of the Thesis :Effect of enriched *Artemia salina* on growth and survival of larval *Etroplus suratensis*.

Year Of Awarded :May 2010

32. Name of the candidate :S.Gokilavani

Title of the Thesis :Effect of different levels of testosterone hormone on growth survival and sex reversal of *Xiphophorus hellerii*

Year Of Awarded :May 2009

31. Name of the candidate :J.Saranya

Title of the Thesis :Assessing the use of probiotic for the growth and survival of Tilapia (*Oreochromis mossambicus*).

Year Of Awarded :May 2009

30. Name of the candidate :V.Vijayabharathi

Title of the Thesis :Studies on the bacterial flora of the hemolymph of freshwater crab- *Paratelphusa hydrodromous*.

Year Of Awarded :May 2009

29. Name of the candidate :R.Parthasarathy

Title of the Thesis :Effect of probiotic bacteria as a biocontrol agent against disease causing pathogen in *Catla catla* (Hamilton,1822)-

Year Of Awarded :May 2009

28. Name of the candidate :P. Nithyakumari

Title of the Thesis :Effect of Different Feeds for the Growth and Population level of *Daphnia magna* usable in Practical Aquaculture-

Year Of Awarded :May 2008

27. Name of the candidate :B.Gobinath

Title of the Thesis :The Effect Algal Diets on Population Growth of FreshWater CyclopoidCopepod*Mesocyclops leuckarti* (Clas, 1957)

Year Of Awarded :May 2008

26. Name of the candidate :S.Philip Clament

Title of the Thesis :Effect of Tannery Effluent on Reproduction and Survival of Fingerlings of Cat fish *Clarias batrachus*. -

Year Of Awarded :May 2008

25. Name of the candidate :E.Vasumathi

Title of the Thesis :Carotenoids and biochemical composition of the brine shrimps *Artemia Parthenogenetica* and *Artemia franciscana* -

Year Of Awarded :April 2007

24. Name of the candidate :S.Raja

Title of the Thesis :Evaluation of Live feed for Post larval Prawn *Macrobrachium Rosenbergii* -

Year Of Awarded :April 2007

23. Name of the candidate :A.Sivasankar

Title of the Thesis :Biodiversity of commercial live feed organism Rotifer in different areas of Coimbatore District -

Year Of Awarded :April 2006

22. Name of the candidate :A.Pragatheesh

Title of the Thesis :Chitinoclastic bacteria in marine niches: Incidences and chitinase activity of an Isolate *Vibrio* sp.-

Year Of Awarded :April 2006

21. Name of the candidate :A.Isamma

Title of the Thesis :Nutritional evaluation of different feeds for optimal growth and survival of *Artemia franciscana*-

Year Of Awarded :April 2006

20. Name of the candidate :S.Sivaji

Title of the Thesis :Evaluation of different feeds for the culture of *Artemia parthenogenetica*-

Year Of Awarded :April- 2005

19. Name of the candidate :P.Malini

Title of the Thesis :Culture methods for the fresh water Rotifer *Brachionus calciflorus*-

Year Of Awarded :April- 2005

18. Name of the candidate :Govintharaj

Title of the Thesis :Post embryonic developmental stages of *Artemia parthenogenetica*

Year Of Awarded :April- 2005

17. Name of the candidate :A.Vithya

Title of the Thesis :Nutritional evaluation of Herbal feeds for the optimal growth and survival of *Brachionus calciflorus* -

Year Of Awarded :April- 2005

16. Name of the candidate :A.Saritha

Title of the Thesis :Enrichment of *Artemia parthenogenetica* using commercially available oil emulsions-

Year Of Awarded :April -2004

15. Name of the candidate :G. Selvakumar

Title of the Thesis :Influence of ecological parameters for the cyst hatching and survival of *Artemia parthenogenetica* -

Year Of Awarded :April -2004

14. Name of the candidate :K.Govindaraju

Title of the Thesis :Nutritional evaluation of rice bran feeds for optimal growth and survival of *Artemia parthenogenetica*

Year Of Awarded :April -2003

13. Name of the candidate :K. Jayamalini

Title of the Thesis :Biochemical investigations of different developmental stages of Indian strain of *Artemia*,

Year Of Awarded :April -2003

12. Name of the candidate :R.Suganthi

Title of the Thesis :Effect of salinity, pH and temperature on the hatching of brine shrimp *Artemia parthenogenetica* cysts -

Year Of Awarded :April -2003

11. Name of the candidate :B.Anandhi

Title of the Thesis :Preliminary studies on the use of emulsified oil for the noupilii of *Artemia*

Year Of Awarded :April -2003

10. Name of the candidate :S. Varalakshmi

Title of the Thesis :Nutritional evaluation of feeds for optimal growth and survival of *Artemia Parthenogenetica* (Crustacea - Anostraca) -

Year Of Awarded :May - 2002

9. Name of the candidate :U. Revathy

Title of the Thesis :*Artemia Parthenogenetica* as a feed for gold fish *Caressius Auratus* -

Year Of Awarded :May - 2002

8. Name of the candidate :R. Anbazhagan

Title of the Thesis :Effect of Temperature and salinity on the hatching of brineshrimp *Artemia Parthenogenetica* cysts

Year Of Awarded :May - 2002

7. Name of the candidate :S.Rajeswari

Title of the Thesis :Nutritional evaluation of *Artemia Parthenogenetica* nauplii - A Preliminary Study

Year Of Awarded :May - 2002

6. Name of the candidate :R. Gajalakshmi

Title of the Thesis :Biochemical investigations of Different developmental stages of Indian parthenogenetic strain of *Artemia* -

Year Of Awarded :May - 2002

5. Name of the candidate :N. Devendran

Title of the Thesis :Influence of ricebran of on the growth and survival of *ArtemiaParthenogenetica* Nauplii

Year Of Awarded :May – 2002

4. Name of the candidate :M.A. Porselvi

Title of the Thesis :Evaluation of different feeds for optimal growth and survival of parthenogenetic strain of *Artemia*

Year Of Awarded :April – 2001

3. Name of the candidate :M. Kavitha

Title of the Thesis :Influence of light and temperature on the hatching of brine shrimp *Artemia Parthenogenetica* cysts

Year Of Awarded :April – 2001

2. Name of the candidate :S. Pavithra

Title of the Thesis :Effect of abrupt salinity changes on survival and hatching of *Artemia Parthenogenetica*

Year Of Awarded :April- 2001

1. Name of the candidate :M. Saravanan

Title of the Thesis :Preliminary studies on the use of emulsified oil for live feed organisms

Year Of Awarded :April – 2001

Research Publication

- [International](#)
- [National](#)
- [Patents](#)
- [Conferences](#)
- [Books/Chapters](#)
- [Database](#)

2021-2022

51. Title: GC- MS screening and in-silico prediction of pila globosa extract against the bone diseases in calcitonin

Author Names: S., Samuel, S., Iswaran, V., & Venkatachalam Ramasubramanian

Journal Name : Journal of Advanced Scientific Research, (2022)

50. Title: Dietary Effect of *Padina boergeresii* on Growth, Immune Response, and Disease Resistance Against *Pseudomonas aeruginosa* in *Cirrhinus mrigala*

Author Names : C Ragunath, V Ramasubramanian

Journal Name : Applied Biochemistry and Biotechnology, (2022)

49. Title: Influence of quercetin loaded mesoporous silica nanoparticles (QMSNs) on immunity and diseases resistance in Nile tilapia (*Oreochromis niloticus*)

Author Names : M.S.Shabana K Mayavan &V Ramasubramanian

Journal Name : Journal of Applied Aquaculture, (2021)

48. Title: Preparation and evaluation of mesoporous silica nanoparticles loaded quercetin against bacterial infections in *Oreochromis niloticus*

Author Names : S Shameem M, K Mayavan, R Venkatachalam

Journal Name : Aquaculture Reports, (2021)

47. Title: Effect of dietary selenium nanoparticles (senps) on growth, hematology, protein profile, immune response, and e. Coli bacteria challenged on, *Labeo rohita*

Author Names : K Pavithra, P Darthiqueen, M Karthik, V Ramasubramanian

Journal Name : International journal of multidisiplinary educational research, (2021)

2020

46. **Title :** [Morphological and molecular analysis of the freshwater copepod *Heliodiaptomus viduus*, \(Calanoida: Diaptomidae\).](#)

Author Names : [M. Karthika, M.S.Shabana & V Ramasubramanian](#)

Journal Name : [Mitochondrial DNA Part A](#), (2020).

45. **Title :** Effect of Muskmelon, Cucumismelo and Pears, *Pyruscommunis* extract on growth, haematology, immune response and disease resistance in Labeo rohita against *Pseudomonas aeruginosa*.

Author Names : K. Pavithra, G. Vijayadurga, D. Dinesh, V. Ramasubramanian

Journal Name : Emerging Technologies and Innovative Research, (2020).

2019-2004

44. **Title:** *Pila globosa* snail extract inhibits osteoclast differentiation via down regulation of nuclear factor κ B and nuclear factor of activated T-cells c1 signaling pathways.

Author Names: Shanmuganathan and V. Ramasubramanian.

Journal Name: Pharmacogn. Mag., (2019).

43. **Title:** Effect of dietary *citrus sinensis* peel extract on growth performance, Digestive enzymes activity, muscle biochemical composition and metabolic enzyme status of the freshwater fish, *Catla catla*.

Author Names: M.S. Shabana, M. Karthika and V. Ramasubramanian

Journal Name: The Journal of Basic and Applied Zoology, (2019).

42. **Title:** Bio-mining drugs from the sea: High antibiofilm properties of hemocyanin purified from the hemolymph of flower crab *Portunus pelagicus* (L.) (Decapoda: Portunidae).

Author Names : R. Ishwarya, B. Vaseeharan, Rengarajan Jayakumar, V. Ramasubramanian,

Journal Name: Aquaculture, (2018).

41. **Title:** Isolation And Identification of Pathogenic Bacteria And Its Antibacterial Susceptibility In Edible Fish *Cirrhinus mrigala*

Author Names: Palanisamy Arunkumar, Venkatachalam Ramasubramanian, Subramani Munirasu, Sasikumar Saranya

Journal Name: International Journal of Biology Research, (2017)

40. **Title:** Effect of Probiotics and Prebiotics Supplemented Diets on Immune Resistance against *Aeromonas hydrophila* in Mrigal Carp

Author Names: P. Dhanalakshmi and V. Ramasubramanian

Journal Name: Annals of Aquaculture and Research, (2017)

39. **Title:** Assessment of water quality and Zooplankton diversity in the freshwater ecosystem (Lake) - in India

Author Names: S. Munirasu, V. Ramasubramanian and P. Arunkumar

Journal Name: Journal of Entomology and Zoology Studies, (2017).

38. **Title:** Effect of Probiotics Diet on Growth and Biochemical Performance of Freshwater Fish *Labeo rohita* Fingerlings

Author Names: S. Munirasu, V. Ramasubramanian and P. Arunkumar

Journal Name: Journal of Entomology and Zoology Studies, (2017).

37. **Title:** Effect of *Spirulina platensis*, *Chlorella vulgaris* and *Spirogyra maxima* on Population Growth, Egg Production and Nutritional Profiles In *Thermocyclops hyalinus*

Author Names: V Uthayakumar, K.Vidhya, Senthilkumar, and V.Ramasubramanian

Journal Name: Global Veterinaria, (2015)

36. **Title:** The Effect of Different Feeds Such as *Chlorella vulgaris*, *Azolla pinnata* and Yeast On The Population Growth of *Daphnia magna* Commonly Found In Freshwater Systems

Author Names: S Munirasu, V Uthayakumar, P Arunkumar and V Ramasubramanian

Journal Name: International Journal of Fisheries and Aquatic Studies, (2015).

35. **Title:** Effect of *Curcuma longa* Enriched Mesocyclops thermocyclopoides on Fresh Water Fish, *Cyprinus carpio*

Author Names : P.Arunkumar, V. Ramasubramanian and S. Munirasu

Journal Name: International Journal of Research and Development in Pharmacy and Life Sciences, (2016).

34. **Title:** Effect of live Feed *Mesocyclops aspercornis* Survival, Growth, Biochemical Constituents and Energy Utilization of the Freshwater Fish *Catla catla*.

Author Names : S.Munirasu, V. Uthayakumar, V. Ramasubramanian and A. Kiruba

Journal Name: Journal of Aquaculture Feed Science and Nutrition, (2014).

33. **Title:** Comparative Valuation of On-Bottom and Off-Bottom Mussel (*Perna viridis*) Culture as a Small-Scale Enterprise, in Chettuva Estuary at Kerala, India

Author Names: P. R Sreedevi, V. Ramasubramanian and V. Uthayakumar,

Journal Name: World Journal of Fish and Marine Sciences, (2014).

32. **Title:** Effect of *Azadirachta indica* leaf soluble fractions on immune response and disease resistance in *Channa striatus* against tropical freshwater fungal parasite *Aphanomyces invadans* (EUS)"

Author Names : V. Uthayakumar, V. Ramasubramanian, D. Senthilkumar, R. Jayakumar and P.R Sreedevi,

Journal Name: Global Veterinaria, (2014).

31. **Title:** Immunostimulatory effect and disease resistance induced by *Lawsonia inermis* against *Aphanomyces invadans* in striped murrels (*Channa*

striatus)

Author Names: V. Uthayakumar, R.Chandirasekar, P. Sreedevi, Dhanabalan Senthilkumar, R. Jayakumar, V. Ramasubramanian

Journal Name: Malaya Journal of Biosciences, (2014).

30. **Title:** Studies on probiotics administration and its influence on gut microflora of ornamental fish *Brachydanio rerio* larvae

Author Names: Isamma A, Divya K, Radkrishnan V. Ramasubramanian, A. Tundiparmbil, S.Sureshkmar

Journal Name: International Journal of Current Microbiology and Applied Sciences, (2014).

29. **Title:** Standardization of The Bio-encapsulation Of Probiotics And Oil Emulsion In *Artemia Parthenogenetica*

Author Names: A. Isamma, K.R.Divya, V. Ramasubramanian, T. Arunjith, V.Krishna Kumar, S.Sureshkmar

Journal Name: International Journal of Research in Fisheries and Aquaculture, (2014).

28. **Title:** Enrichment of *Artemia franciscana* with different types of Oil Emulsions and their use in the rearing freshwater Fish *Cyprinus carpio*

Author Names: A. Isamma, K.R. Divya, V. Ramasubramanian, T. Arunjith,V.Krishna Kumar, S .Sureshkmar

Journal Name: International Journal of Recent Biotechnology, (2014).

27. **Title:** Effects of Commercial Herbal Extracts Enriched *Artemianauplii* on Enzymatic and Non enzymatic Antioxidants Activities of *Oreochromis mossambicus*

Author Names: S. Muthukumar, V. Ramasubramanian V. Uthayakumar, S. Munirasu

Journal Name: International Journal of Scientific Research, (2014).

26. **Title:** Effects of *Clitoria ternatea* Plant Parts on Growth Performance, Biochemical and Enzymatic Activities of Pearl Spot (*Etroplus suratensis*)

Author Names: V. Uthayakumar, V. Ramasubramanian, S.Munirasu, A.Kiruba, D.Senthilkumar

Journal Name: International Journal of Scientific Research, (2014).

25. **Title:** Dietary Supplementation with Chitosan on Haematology and Innate Immune Response in *Cyprinus carpio* Haematopterus against *Aeromonas hydrophila*

Author Names: K. Madhuri, V. Ramasubramanian

Journal Name: Indian Journal of Applied Research, (2014).

24. **Title:** The effects of mixed algal diets on population growth, egg productivity and nutritional profiles in cycloid copepods (*Thermocyclops hyalinus* and *Mesocyclops asericornis*)

Author Names: K. Vidhya, V. Uthayakumar, V. Ramasubramanian, S. Muthukumar and S. Munirasu

Journal Name: The Journal of Basic and Applied Zoology, (2014).

23. **Title:** Effect of Chitosan Supplemented diet on Survival, Growth, Hematological Biochemical and immunological responses of Indian Major Carp *Labeo rohita*.

Author Names: A. Kiruba, V. Ramasubramanian, V. Uthayakumar and S. Munirasu.

Journal Name: International. Research. Journal of. Pharmacy, (2013).

22. **Title:** Digestive Gland (liver) waste for extraction of Oil and its lipid composition.

Author name: S.Vairamani, V.Sofia, V. Ramasubramani and A. Shanmugan.

Journal name: Journal of Biological Sciences, (2013).

21. **Title:** Bio enrichment of Live Feed *Daphnia magna* for the Survival and Growth of Freshwater Fish *Catla catla*.

Author name: S. Munirasu, V. Ramasubramanian, V. Uthayakumar and S. Muthukumar.

Journal name: International Journal of Current Research Review, (2013).

20. **Title:** Extraction, Characterization and Physico Chemical Properties of Chitin and Chitosan from Mud Crab Shell (*Scylla serrata*).

Author name: A. Kiruba, V. Uthayakumar, S.Munirasu and V. Ramasubramanian.

Journal name: Indian Journal of Applied Research,(2013).

19. **Title:** Impact of seasonal variation and feeding on reproductive behaviour of fresh water spiny eel *Mastacembelus armatus* from Cauvery River.

Author name: V. Uthayakumar, P.R Sreedevi, D. Senthilkumar, S. Munirasu, AKiruba, V. Ramasubramanian.

Journal name: Asian Pacific Journal of Reproduction, (2013).

18. **Title:** Effect of Pro biotic Bacteria as a Bio control Agent against Disease Causing Pathogen in *Catla catla* (Hamilton, 1822).

Author name: R. Parthasarathy, V. Ramasubramanian, D. Ravi.

Journal name: International Journal of Current Research and Review, (2012).

17. **Title:** Biochemical characterization, antimicrobial and hemolytic studies on skin mucus of fresh water spiny Eel *Mastacembelus armatus*.

Author name: V. Uthayakumar, V. Ramasubramanian, D. Senthilkumar, V.b Brindha Priyadarisini and R Harikrishnan.

Journal name: Asian Pacific Journal of Tropical Biomedicine, 9 (2012).

16. **Title:** Mass culture of Zooplankton *Ceriodaphnia cornuta* on animal excreta.

Author name: M.Rajalakshmi, V. Ramasubramanian and V. Brindha Priyadarisini.

Journal name: Madras Agriculture Journal, (2012).

15. **Title:** Biomass production of commercial algae *Chlorella vulgaris* on different culture media.

Author name: M. Shankar, V. Ramasubramanian.

Journal name: E- Journal of Life Science, (2012).

14. **Title:** Colonization of pro biotic bacteria and its impact on ornamental fish *Puntius Conchonius*.

Author name: K.R. Divya, A. Isamma, V. Ramasubramanian, S. Sureshkumar and T.S. Arunjith.

Journal name: Journal of Environmental Biology, (2012).

13. **Title:** Specific and Non-Specific Immune Response and Disease Resistance of *Solanum Torvum* Leaf Soluble Fractions in Freshwater Carp *Cyprinus carpio*.

Author name: V. Uthayakumar, V. Ramasubramanian, D. Senthilkumar, P.R. Sreedevi, S. Munirasu.

Journal name: International Research Journal of Pharmacy, (2012).

12. **Title:** Induction of Triploidy Catfish through Cold Shock and Heat Shock in *Clarias batrachus* species.

Author name: V. Uthayakumar, V. Ramasubramanian, G. Karthik.

Journal name: International Journal of Fisheries and Aquaculture Sciences, (2012).

11. **Title:** Bio control of ammonia pollution in the rearing water of fish by inducing a heterotrophic bacterial-based food chain in the medium.

Author name: P. R. Sreedevi and V. Ramasubramanian.

Journal name: Aquaculture International, (2011).

10. **Title:** Assessment of fluoride Contamination in Ground water using GIS, Dharmapuri District, Tamilnadu, India.

Author name: K. Sendesh Kannan. And V. Ramasubramanian.

Journal name: International Journal of Engineering Science and Technology, (2011).

9. **Title:** Identification of Fluoride contaminations with the interaction of physio chemical characteristic in Groundwater of Dharmapuri District, Tamil Nadu, India.

Author name: K. Sendesh Kannan, V. Ramasubramanian. and S. R.Sathyaraj.

Journal name: Archives of Applied Science Research, (2011).

8. **Title:** Evolution of growth and survival rate of ornamental fish *Xiphophorus maculatus* fed with bio enriched *Artemia parthenogenetica* nauplii

Author name: P. Nimisha. V. Ramasubramanian, S. Sheeba

Journal name: Journal of Aquatic Biology & Fisheries, (2011).

7. **Title:** Captive breeding of *Oncorhynchus mykiss*, a threatened and endemic species to the Western Ghats, India- A conservatory aspect.

Author name: V.Uthayakumar, V. Ramasubramanian and G. Karthik.

Journal name: International Multidisciplinary Research Journal, (2011).

6. **Title:** Studies on the biodiversity of rotifer species available in different biotopes of Coimbatore District.

Author name: V. Ramasubramanian and R.Sivashankar.

Journal name: Hazards and Marine Fishery Resources Management, (2010).

5. **Title:** Evaluation of different feeds for optimal growth and survival of parthenogenetic strain of *Artemia*.

Author name: V. Ramasubramanian, V. Porselvi, and S.Mahalingam.

Journal name: Indian Journal of Marine Science, 16, 253-255 (2010).

4. **Title:** Evalution of different feeds for optimal growth and survival of parthenogenetic strain of Artemia.

Author name: V. Ramasubramanian, V. Porselvi, and S.Mahalingam

Journal name: Proc XX Symp Reprod, Biol Comp Endocrinol, 16, 253-255 (2002).

3. **Title:** Alpha-tocopherol in Artemia cysts: A report.

Author name: G.K. Shanmugasundram, V. Ramasubramanian, and N. Munuswamy.

Journal name: Aquaculture International, 4, 377- 378 (1996).

2. **Title:** Impact of salinity on the Survival of *Artemia parthenogenetica*.

Author name: V. Ramasubramanian, and N. Munuswamy.

Journal name: Current Science, 244, 29-44 (1996).

1. **Title:** Scanning electron microscopic studies on the hatching of *Artemia parthenogenetica* cysts.

Author name: V. Ramasubramanian, and N. Munuswamy.

Journal name: Cytobios, 76, 75-80 (1993).

Conference / Seminar / Refresher course Organized

1. National Seminar on “Recent Trends in Aquaculture practices Towards Technological Empowerment of Aqua-culture Farmers” during 7th and 8th August 2008.
2. Refresher Course in Life Sciences during 03th - 23 December 2009.
3. National workshop on “Freshwater Fish Culture Using Bio encapsulated Live Feeds towards Technological Empowerment of Fishermen and Self-Help groups” during 18th to 20th of August, 2010.
4. National workshop cum training program on “Fresh water and Ornamental fish culture” during 1st to 5th February 2011.

5. National workshop cum training program on “Fresh water and ornamental fish culture” from 10th to 15th February 2011.
6. National Seminar on “Biotechnological Approaches in Aquaculture” during 1st and 3rd February 2012.
7. Refresher Course in Life Sciences from 19th Nov - 09 December 2013.
8. International Symposium on “Research Innovation for Quality Improvement in Higher Education” during 10th and 11th, October 2014.
9. National Seminar on “Advances in Basic Clinical Immunology in association with Indian Immunology Society” during 15th & 16th, September 2015.
10. National conference on “Recent Trends In Life Sciences; Research, Practices And Application For Sustainable Development” during 7th and 8th, September 2017.
11. International conference on “Recent Biotechnological Innovation in Aquaculture in association with ICAR-NBFGR” during 27th to 28th February 2020.

Conference /seminars /Symposium attended

1. National Seminar on “Biodiversity Conservation and Sustainable Utilization (NSBCS-2017) at Bharathiar University, Coimbatore on 20th&21st Mar 2017.
2. Recent Trends In Life Sciences; Research, Practices, And Application For Sustainable Development at Bharathiar University, Coimbatore on 7th & 8th, Sep 2017.
3. International Conference on the environment, genes, health and diseases on 22nd -&24th Aug 2017.
4. Biosafety awareness seminar organized at IBSC Bharathiar University on 20 Sep 2017.
5. International Conference on aquatic animal health and parasitic diseases on 6th &7th march 2017.
6. Conference cum Scientific Meet on Industry- Institute Interaction in Biotechnology (Second Edition) at Department of Biotechnology, K.S. Rangasamy College of Technology Tiruchengode on 03rd& 04th Oct 2016.
7. National seminar on Bio-Cheminformatics on 20 Feb 2016.
8. National conference on perspectives and prospects in aquatic research on 16Feb 2016.
9. One day national symposium Bio Revolution trends for scientific harmony at Bharathiar University on 18thDec 2015.
10. UGC-ASC- Bharathiar University Refresher Course Algal Biodiversity at Department of Botany, Bharathiar University on 22 May 2015.

11. Advanced Vannamei Shrimp Farming Strategies and International success stories iwassss-15 at Tamil Nadu Fisheries University Chennai on 24th January 2015.
12. National level symposium on “Phenomenal Science at Department of Microbial Biotechnology Bharathiar University on 17 Oct 2014.
13. UGC sponsored seminar on “Innovation and Reformation in Higher Education Examinations system (IRHEES) at Bharathiar University, Coimbatore on 28th and 29th June 2014.
14. National Conference on Innovations, Implementations, and Controversies of Animal Biotechnology (NCIICAB -2014) at Bharathidasan University, Trichirappalli on 20th & 21st March 2014.
15. National Symposium on “Crustacean Biology; Molting, Reproduction, and Immunology at Department of Zoology, the University of Madras on 27th and 28th June 2014.
16. National Conference Innovations, Implementations and Controversies of Animal Biotechnology at Department of Animal Sciences, Bharathidasan University on 20th March 2014.
17. One day workshop on Recent Advances in Aquatic Research at Department of Zoology, Kongunadu Arts and Science College on 12th Dec 2013.
18. Seminar on “Innovation and Reformation in Higher Education Examination System at Controller of Examination Bharathiar University on March 18th, 2014.
19. National Symposium on “Crustacean Biology: Molting, Reproduction, and Immunology at Department of Zoology, the University of Madras on 27th to 28th June 2014.
20. Training Programme on “Research Methodology in Zoology at Department of Zoology, Bharathiar University on 21th to 25 Jan 2013.
21. National Seminar On “Biodiversity Informatics at Centre for Bioinformatics, Bharathiar University on 30.Aug. 2013.
22. Bio-Galaxia at Department of Microbial Biotechnology, Bharathiar University on 03 Oct 2013.
23. One day Users Awareness Programme on” e-resources under UGC-INFLIBNET Digital Library Consortium at Bharathiar University on 30th Jan 2013.
24. National Conference on” Environmental Issues and Challenges-Vision 2020 at Department of Zoology, Annamalai University on 27th -28th Sep 2013.
25. International Seminar in “Recent Trends in Aquatic Biotechnology at Department of Animal Health & Management, Alagappa University on 21st-22nd October 2013.

26. International Conference on Aquaculture America 2012 at Las Vegas, Nevada, the USA on February 29-March- 2, 2012.
27. National Conference on Coral reef Ecosystem at Fisheries College and Research Institute on 18 to 19 September 2008.
28. National Seminar on Pollution Hazards and Marine Fishery Resources Management at Fisheries College and Research Institute, Thothukudi on 25th to 26 October 2007.
29. International large Branchiopod symposium at Nagarjuna University, Andhra Pradesh on 16 to 20 September 2007.
30. International Seminar cum Workshop on Molecular Modeling and Drug Discovery at Bharathiar University on 27th to 28 July 2007.
31. Fifteenth National Symposium on Environment (NSE-15) at Bharathiar University on 05th to 07 Jun 2007.
32. Seminar on New Trends in Bio-informatics at Bharathiar University on 12th February 2007.
33. International Conference Indaqua-2007 at Chennai Trade Centre on 11th to 13 January .2007.
34. National Seminar on Advance in Aquatic Biology at Nagarjuna University, Andhra Pradesh on 20th to 22, Dec 2006.
35. National Seminar on Application of RS and GIS in Environmental Management at PSG CAS on March 10th to 11 2006.
36. International Conference on Biodiversity of Insects: Challenging Issues In Management and Conservation at Bharathiar University on 30th January – 3rd February 2006.
37. National Seminar on Sustainability of Seafood Production: Reflections, Alternatives and Environmental control at National Institute of Oceanography, Goa on February-2006.
38. National Symposium on Bioinformatics at Bharathiar University on October 6-2005.
39. International conference on Dormancy in Crustaceans: Research Finding and application. Zooplankton Behavior, Ecology, and Aquaculture at National Taiwan Ocean University in 2002.
40. National Seminar on status of *Artemia* Research in India at Manonmaniam Sundaranar University, Nagercoil on March 22-23, 2002.
41. national symposium on physiology and biochemistry of cultivable crustaceans held at University of Madras on February 18-19, 2002.
42. National Symposium on Reproductive Biology and Comparative Endocrinology at Bharathidasan University on January 7-9, 2002.

43. IX international rotifer symposium held at Khon kaen Thailand on 16-23 Jan 2000.
44. National Seminar on Recent Trends in Aquaculture, at Nagarjuna University Andhra Pradesh.
45. International Symposium on large branchiopod Aquaculture held at Ulm, Germany, 1993 at Ulm, Germany on 30 Jul-3 Aug 1993.
46. 2nd European crustacean conference held at Liege, Belgium, 1996 at 31st Aug – 4th Sep 1992.

Books Edited YearWise/ Book chapters

1. [Mass production of fresh water live feed](#)

V. Ramasubramanian and K.R. Divya

Lambert Academic Publishing - Germany, (2019), ISBN: 978-620-0-47579-4.
production-of-fresh-water-live-feed

2. Life science: research, Practices and application for sustainable development

V. Ramasubramanian . P. Ponmurugan and T. Marimuthu

MacMillan New Delhi, (2017), ISBN-978-93870-0007-0.

Book chapters

1. Aquatic Lectins: Biological Recognition and Molecules

Ramasubramanian. V

Springer, (2022), ISBN- 978-981-19-0432-5

https://link.springer.com/chapter/10.1007/978-981-19-0432-5_2

2. Modern Nanotechnology: Sustainable Energy and Environmental Applications

Ramasubramanian. V

Springer, (2022)

Chapter Edited Year Wise

Accordion content 2.

Alumini Reflections: