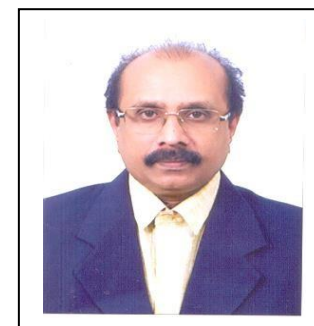


# FACULTY PROFILE

**Name** : **Dr. V. Ramasubramanian**  
**Designation** : **Professor**  
**Contact Details** : Department of Zoology  
Division of Aquatic Biotechnology & live feed Culture  
Bharathiar University  
Coimbatore-641046  
**Employee Number** : BU/RR/560  
**Date of Birth** : 21.05.1968  
Contact Phone (O) : 0422 2428494  
Contact Phone (M) : +91 9843056645, 9444177694  
Contact e-mail(s) : vraman68@rediffmail.com



## Education

S. No.	Degree	Subject	Institution	Affiliated University	Year of Passing	Class/Grade
1.	B.Sc	Zoology	Raja Serfoji Govt. College,	Bharathidasan University	1988	First
2.	M.Sc.	Zoology	A.V.V.M. Sri Pushpam College,	Bharathidasan University	1990	First
3.	M.Phil	Zoology	Department of Zoology , University of Madras	University of Madras	1993	First
4.	Ph.D.	Zoology	Department of Zoology , University of Madras	University of Madras	1998	Highly Commended

## 2 Career Profile

S. No.	Institution	Designation	Period		Total Period in Years
			From	To	
1.	Department of Zoology Bharathiar University, Coimbatore	Professor	29.06.2018	Till date	
2.	Department of Zoology Bharathiar University, Coimbatore	Associate Professor	28.06.2015	28.06.2018	3yrs
3.	Department of Zoology Bharathiar University, Coimbatore	Assistant Professor	27.06.2005	27.06.2015	11Yrs
4.	Department of Zoology Thiruvalluvar University, Vellore.	Teaching Faculty	01.11.2002	25.06.2005	4yrs
5.	Department of Zoology, P.G Extension Centre University of Madras, Vellore	Teaching Faculty	01.11.2000	30.10.2002	2yrs
6.	Department of Zoology ,University of Madras, Chennai	Senior Research Fellow(EEC,BelgiumProject)	22.02.1998	30.05.2000	2yrs
7.	Department of Zoology ,University of Madras, Chennai	CSIR- Senior Research Fellow	10.01.1994	28.02.1997	3yrs

## 3 Administrative / Additional Responsibilities

S. No.	Name of the Responsibility	Designation	Institution	Period		Nature of Responsibility
1.	Additional controller of Examinations	Additional Controller	Bharathiar University	28.04.2017	29.10.2018	Conduct of U.G. P.G B.Ed, Diploma examinations

#### 4 Membership in Professional Bodies

S No.	Organization	Type of Membership	Period
1	Indian Society of Crustacean Biology	Life time	2000
2	Indian Society of Invertebrate Reproduction	Life time	2002
3	World Aquaculture society	Life time	2016
4	Indian Society of Life Sciences	Life time	2010
5	Indian science congress Association	Life time	2015
6	Nature Science Foundation	Life time	2018
7	National Academy of Biological Sciences	Life time	2017

#### 5. Membership in Academic Bodies

S. No.	Organization	Type of Membership	Period
-		-	-

#### 6. Foreign Visits/Exposure

Sl No.	Countries Vistes	Duration of Visit	Month and Year	Purpose of Visit
1.	U.S.A.	4days	February 28- 3March2012	Attended International Conference on Aquaculture America, Las vegas, U.S.A
2.	Singapore	5days	October 10-15, 2009	National University of Singapore, Biopolish, Singapore
3.	Taiwan	4days	October 6-9, 2009	Institute of Marine Biology, National Taiwan Ocean University, Keelung, Taiwan, 202.
4.	Thailand	15days	JAN 16 to 30 (2000)	Department of Biology, Khon Kaen University, Khon Kaen, Thailand Attended 9th International Rotifer Symposium. Department of Biology, Srinakharinwirot University, Bangkok, Thailand.
5.	Belgium	30days	SEPT 1 to 30 (1996)	Zoological Institute, Quai Van Beneden, Liege, Belgium. Attended 2 <sup>nd</sup> European Crustacean Conference. Institute of Animal Ecology, Ghent State University, Ghent, Belgium.

## 7. Research Areas

- Fish Immunology, Larval Nutrition
- Fish Diseases Reproductive biology
- Marine Biology, Bio encapsulation of live food organisms In Aquaculture
- Culture of live feed organisms such as – Fairy shrimps, Artemia, Rotifer, Copepods and Daphnia

## 8. Supervising Profile

Year	M.Sc. (Nos)	M.Phil. (Nos)	Ph.D. (Nos)	PDF (Nos)	Others
2005	4	1	-	-	-
2006	3	4	-	-	-
2007	2	5	-	-	-
2008	3	6	-	-	-
2009	5	3	-	-	-
2010	4	2	2	-	-
2011	-	3	1	-	-
2012	4	1	2	-	-
2013	3	-	1	-	-
2014	3	5	2	-	-
2015	4	-	1	-	-
2016	4	-	-	-	-
2017	6	1	1	-	-
2018	9	1	-	-	-
2019	5	1	2	-	-
2020	5	-	2	-	-
2021	5	-	-	-	-
2022	5	1	2	-	-
2023	7	-	-	-	-

## 8.1. PG research

Sl. No.	Name of the candidate	Title of the Dissertation	Year
1	M. Saravanan	Preliminary studies on the use of emulsified oil for live feed organisms	April – 2001
2	S. Pavithra	Effect of abrupt salinity changes on survival and hatching of <i>Artemia Parthenogenetica</i>	April – 2001
3	M. Kavitha	Influence of light and temperature on the hatching of brine shrimp <i>Artemia Parthenogenetica</i> cysts	April – 2001
4	M.A. Porselvi	Evaluation of different feeds for optimal growth and survival of parthenogenetic strain of <i>Artemia</i>	April – 2001
5	N. Devendran	Influence of ricebran of on the growth and survival of <i>ArtemiaParthenogenetica</i> Nauplii	May – 2002
6	R. Gajalakshmi	Biochemical investigations of Different developmental stages of Indian parthenogenetic strain of <i>Artemia</i> -	May – 2002
7	S.Rajeswari	Nutritional evaluation of <i>Artemia Parthenogenetica</i> nauplii – A Priliminary Study	May – 2002
8	R. Anbazhagan	EffectofTemperature and salinity on the hatching of brineshrimp <i>Artemia Parthenogenetica</i> cysts	May – 2002
9	U. Revathy	<i>Artemia Parthenogenetica</i> as a feed for gold fish <i>Caressius Auratus</i> -	May – 2002
10	S. Varalakshmi	Nutritional evaluation of feeds for optimal growth and survival of <i>Artemia Parthenogenetica</i> (Crustacea – Anostraca) –	May – 2002
11	B.Anandhi	Preliminary studies on the use of emulsified oil for the nouplii of <i>Artemia</i>	April -2003
12	R.Suganthi	Effect of salinity, pH and temperature on the hatching of brine shrimp <i>Artemia parthenogenetica</i> cysts -	April -2003
13	K. Jayamalini	Biochemical investigations of different developmental stages of Indian strain of <i>Artemia</i> ,	April -2003
14	K.Govindaraju	Nutritional evaluation of rice bran feeds for optimal growth and survival of <i>Artemia parthenogenetica</i>	April -2003
15	G. Selvakumar	Influence of ecological parameters for the cyst hatching and survival of <i>Artemia parthenogenetica</i> -	April -2004
16	A.Saritha	Enrichment of <i>Artemia parthenogenetica</i> using commercially available oil emulsions-	April -2004
17	A.Vithya	Nutritional evaluation of Herbal feeds for the optimal growth and survival of <i>Brachionus calciflorus</i> –	April- 2005
18	Govintharaj	Post embryonic developmental stages of <i>Artemia parthenogenetica</i>	April- 2005
19	P.Malini	Culture methods for the fresh water Rotifer <i>Brachionus calciflorus</i> -	April- 2005

20	S.Sivaji	Evaluation of different feeds for the culture of <i>Artemia parthenogenetica</i> -	April- 2005
21	A.Isamma	Nutritional evaluation of different feeds for optimal growth and survival of <i>Artemia franciscana</i> -	April 2006
22	A.Pragatheesh	Chitinoclastic bacteria in marine niches: Incidences and chitinase activity of an Isolate <i>Vibrio</i> sp.-	April 2006
23	A.Sivasankar	Biodiversity of commercial live feed organism Rotifer in different areas of Coimbatore District –	April 2006
24	S.Raja	Evaluation of Live feed for Post larval Prawn <i>Macrobrachium Rosenbergii</i> –	April 2007
25	E.Vasumathi	Carotenoids and biochemical composition of the brine shrimps <i>Artemia Parthenogenetica</i> and <i>Artemia franciscana</i> –	April 2007
26	S.Philip Clament	Effect of Tannery Effluent on Reproduction and Survival of Fingerlings of Cat fish <i>Clarias batrachus</i> . -	May 2008
27	B.Gobinath	The Effect Algal Diets on Population Growth of FreshWater Cyclopid <i>Mesocyclops leuckarti</i> (Clas, 1957)	May 2008
28	P. Nithyakumari	Effect of Different Feeds for the Growth and Population level of <i>Daphnia magna</i> usable in Practical Aquaculture-	May 2008
29	R.Parthasarathy	Effect of probiotic bacteria as a biocontrol agent against disease causing pathogen in <i>Catla catla</i> (Hamilton,1822)-	May 2009
30	V.Vijayabharathi	Studies on the bacterial flora of the hemolymph of freshwater crab- <i>Paratelphusa hydrodromous</i> .	May 2009
31	J.Saranya	Assessing the use of probiotic for the growth and survival of Tilapia ( <i>Oreochromis mossambicus</i> ).	May 2009
32	S.Gokilavani	Effect of different levels of testosterone hormone on growth, survival and sex reversal of <i>Xiphophorus hellerii</i>	May 2009
33	K.P.Bindu	Nutritive evaluation of the field crab <i>Paratelphusa hydrodromous</i> .	May 2009
34	M .Sankar.	Effect of enriched <i>Artemia salina</i> on growth and survival of larval <i>Etroplus suratensis</i> .	May 2010
35	V .Gayathri	Effect of enzyme supplementation in diets on growth and feed utilization in platyfish <i>xiphophorus maculatus</i> .	May 2010
36	A. Murugadas	A study on lysozyme activity, immune response and histopathological analysis in Indian major fish <i>Cirrhinus mrigala</i> against <i>Aeromonas hydrophila</i> .	May 2010

37	S. Sudharsan	Biochemical Composition of two algal species proposed as food for freshwater mussel <i>Lamellidens marginalis</i>	May 2010
38	G . Vidya	Nutritional Evaluation of Commercial fish <i>Cyprinus carpio</i> using <i>Artemia franciscana</i> .	May 2010
39	R. Kiruthika	Studies on the lipid composition of liver (digestive gland) oil cuttlefish <i>Sepia prashadi</i> (Winckworth, 1936)	May 2012
40	D. Dharmadurai.	Effect of Chitin and Chitosan enriched diets for enhancement of immune response in Indian Major Carp <i>Labeo rohita</i> .	May 2012
41	V. Sofia	Reclamation of <i>Loligo duvauceli</i> (Orbigny, 1848) digestive gland (liver) waste for the extraction of oil and its lipid composition.	May 2012
42	Bharani Priya	Extraction and Chemical composition of liver (digestive gland) Oil from pharaoh cuttlefish <i>Sepia pharaonis</i> (Ehrenberg, 1831).	May-2012
43	J. Jeena	Effect of Probiotics in the immune system of fresh water fish <i>Cyprinus carpio</i>	May-2013
44	M. Sakthivel	Green synthesis of silver Nanoparticles using commercial fresh water algae.	May-2013
45	K. Madhuri	Dietary Supplementation with Chitosan on Haematology and Innate Response in <i>Cyprinus carpio</i> Haematopterus against <i>Aeromonas hydrophila</i> .	May-2013
46	K. Vidhya	Evaluation of Linolic & linolenic acid content in two different species of copepods ( <i>Thermocyclops hyalinus</i> & <i>Mesocyclops saporcorinis</i> ) fed with different algae	April 2014
47	K. Sasikala	Immunological studies on <i>Aeromonas hydrophila</i> infection in <i>Cirrhinus mrigala</i>	April 2014
48	C. Anushya	Evolution of Olive oil and Vitamin C enriched <i>Daphnia magna</i> for the larvae of <i>cyprinus carpio</i>	April 2014
49	K. Kavitha	Synthesis of Silver Nano particles using herbal plant <i>Piper Betle</i> and Their Efficacy Controlling <i>Streptococcus</i> Agalactiae Fish <i>Cyprinus Carpio</i> -	May-2015
50	S. Kaleeswari	Effect of <i>Aloe vera</i> as a Feed Additives as a diet on Immunity and Post Challenge with <i>Staphylococcus aureus</i> in <i>Cirrhinus mrigala</i> .	May-2015
51	Shanana. M.S	Effects of Citrus sinensis on immune Response of Catla catla and Diseases resistance against Shigella flexneri.	May-2015
52	Rinu Paul	Effect of <i>Chromolaena odorata</i> as an Immunostimulants against Bacterial Disease Septicaemia in Ornamental fish <i>Danio rerio</i> .	May-2015
53	P. Jothilakshmi	Nutritional evaluation of algae enriched copepod <i>Mesocyclops Aspericornis</i> on ornamental fish <i>Carassius Auratus</i>	April 2016

54	P. Darthi queen	Studies on post embryonic development stages of freshwater copepod mesocyclops thermocyclopoidea”-	April 2016
55	S.Saranya	Isolation and identification of pathogenic bacteria and its is antibacterial susceptibility analysis in edible fish <i>cirrhinus mrigala</i> -	April 2016
56	P.Suganya	Isolation and identification of pathogenic bacteria and its is antibacterial susceptibility analysis in edible fish <i>Labeo Rohita</i> -	April 2016
57	S.Muhasin	Isolation and identification of pathogenic bacteria and its is antibacterial susceptibility analysis in edible fish <i>catla catla</i> –	April 2016
58	P.Kalai vani	Synthesis of zinc oxide nanoparticles using soluble starch and their antibacterial activity against the fish pathogens pseudomonas aeruginosa and <i>aeromonas hydrophila</i> -	May-2017
59	S.Sanniya	Feeding common carp fish cyprinus carpio on different types of algae for growth and survival-	May-2017
60	R.Renjinimenon	Impact of leaf extract of <i>adhatoda vasica</i> and <i>clitoria ternatea</i> as immunostimulants in <i>Danio rerio</i> against <i>Aeromonas hydrophila</i> pathogen	May-2017
61	P.Prabha	Effect of vitamin A,cod liver oil and probiotics enriched copepods <i>Mesocyclops thermocyclopoidea</i> on the growth and survival of Cyprinus carpio-	May-2017
62	S.Sneha ponmani	Effect of cowdung ,poultry excreta and spirulina on water quality and growth of ornamental fish ( <i>poecilia sphenops</i> )-	May-2017
63	D.Veera selvi	Effect of dietary supplementation of alpha tocopherol on growth performance, anti- oxidant status and hematological parameters in Indian major carps-	May-2017
64	V.Ajith kumar	Effect of duck weed ( <i>Spirodela polyrhiza</i> ) on the growth survival of freshwater fish <i>Cyprinus Carpio</i>	May-2018
65	K.Dhanya	Effect of <i>Kappaphycus Alvarezii</i> (Seaweed) on growth and antibacterial activity of freshwater fish <i>labeo rohita</i> against <i>Staphylococcus Aureus</i> .	May-2018
66	A.Karthika	Dietarysupplementofprobioticsonthegrowthperformanceanddigestiveenzymesstudyin <i>lebeo rohita</i> .	May-2018
67	R.Nivetha	Effectof <i>Phyllanthusacidus</i> ontheimmunitingrowthandhaematologyof <i>cyprinuscarpio</i> challenged with <i>streptococcus pyogenes</i> .	May-2018
68	C.Radhika	Effectofphytoplankton’senrichedlivefeedsonthegrowthandsurvivalof <i>cyprinuscarpio</i>	May-2018



69	S.Savitha	Isolation and identification of pathogenic bacteria in edible fishes <i>catla catla</i> , <i>Oreochromis niloticus</i> : a case study of malampuzha dam, in palakkad kerala,	May-2018
70	C Vindhuja	Effect of dietary administration of <i>rhodomyrtus tomentosa</i> on the growth performance, biochemical and antibacterial activity in <i>labeo rohita</i> challenged with <i>streptocococuss agalactiae</i> ,	May-2018
71	G. Vijaya durga	Effect of <i>cucumis melo</i> and <i>pyrus communis</i> extraction on growth, hematology, immune response and disease resistance in <i>labeo rohita</i> against <i>pseudomonas aeruginosa</i> ,	May-2018
72	M. Manisha	Dietary effect of <i>brassica oleracea var.capitata f.rubra</i> (red cabbage) and <i>brassica oleracea var.italica</i> (broccoli) on hematoma-immunological, parameters, growth, and disease resistance against <i>pseudomonas fluorescenes</i> infection in <i>labeo rohita</i> ,	May-2018
73	P.Dharmar	Biodiversity of zooplankton organisms in and around Coimbatore lakes.	May 2019
74	K. Indumathy	Effects of <i>agaricus bisporus</i> (white button musroom) on antibacterial activity and growth performance of <i>oreochromis niloticus</i> .	May 2019
75	K.Nandini	ZnO and Zn MgO Nanoparticles as feed Supplement on growth performance of cultured Indian major Carp <i>catla catla</i> .	May 2019
76	V.Ramya	Phytochemical analysis of <i>Cathranthus roseus</i> and <i>Mangifera indica</i> plant extracts and its antimicrobial activity in <i>Cirrhinus mrigala</i> .	May 2019
77	R.Srinithi	Effect of probiotic <i>Lactobacillus</i> sp on the growth, immunity and disease resistance of Indian major carp <i>Labeo rohita</i> .	May 2019
78	Karthik M	Isolation and identification of pathogenic bacteria in edible fishes in <i>catla catla</i> and <i>Oreochromis niloticus</i>	May 2020
79	Shilpa M	Effects of sprouted mung bean seeds ( <i>vigna radiate</i> ) on the growth performance of common carp ( <i>cyprinus carpio</i> )	May 2020
80	Nandhini V	Evolution of seaweeds <i>ulva reticulata</i> and <i>cauleroa racemosa</i> as dietary supplements and its colouration in <i>cyprinus rubrofusculus</i>	May 2020
81	Janaki M	Susceptibility of fish nodavirus and tilapia lake virus in zeprafish cell lines	May 2020
82	Antony anista M	Evaluating the cytotoxicity and genotoxicity of cypermethrin, streptomycin, propiconazole and tebuconazole using danio rerio gil(DrG) cell line	May 2020

83	Poomani L	Effect of inorganic and organic culture medium on phytoplankton and zooplankton growth and nutritional composition	May 2021
84	Subha shree P S	Assesment of microplastics in microplastics in the fishes of freshwaterlakes (muthanna lake, ukkadam lake-coimbatore)	May 2021
85	Elayaraja C	Mass culture of zooplanktons	May 2021
86	Harinisri G	Characterization of anti-proliferative activity of the isolated probiotic strain, Weissella confusa	May 2021
87	Agaramudhalvi R	Study on probiotic Bacillus albus isolated from	May 2021
88	Nandhiniprabha K	Effect of dietary Gracillaria canaliculata on growth performance, coloration and antibacterial activity on poecilia sphenops ( white molly)	May 2021
89	Ruthran M	Impact of <i>Terminalia Catappa</i> on Growth and Antibacterial Activity Against <i>Pseudomonas Aeruginosa</i> and <i>Klebsiella Pneumonia</i> In <i>Oreochromis Niloticus</i>	May 2022
90	Aishwariya B	Effect of Dietary <i>Gracilaria canaliculata</i> sonder on Growth Performance, Colouration of <i>Poecilia sphenops</i> (White Molly) and their antibacterial activity	May 2022
91	Keerthana M	Effect Of <i>Solanum Trilobatum</i> Extract On Immunity And Survival Of <i>Labeo Rohita</i> Infected With <i>Pseudomonas Aeruginosa</i>	May 2022
92	Sharmila V	Nutritional evaluation of freshwater copepod <i>Mesocyclops dissimilis</i>	May 2022
93	Priyadharshini S	Nutritional Evaluation and Bioenrichment Of <i>Mesocyclops Leuckarti</i> For Ornamental Fish <i>Paracheiroduon Innesi</i>	May 2022
94	Gayathri M	Isolation and Identification of Pathogenic Bacteria In Edible Fish <i>Oreochromis Niloticus</i> : A Case Study Of Singanallur Lake In Coimbatore, Tamil Nadu	May 2022
95	RL Jeevitha	Isolation and Identification of Pathogenic Bacteria In <i>Cyprinus carpio</i>	Ongoing

96	K Dhandapani	Mass culture of Live feeds	Ongoing
97	G.S Mowniga	Effect of bacterial treatment for biodecolouration of textile azo dye by secondary metabolites from bacillus spp. From gut of <i>Channa striata</i>	Ongoing
98	S Sridevi	Heat shock proteins: biological functions and therapeutic applications	Ongoing
99	V Nithya	Impact of <i>Aegle marmelos</i> and <i>Bougainvillea glabra</i> extract on growth body coloration and carotenoid content in ornamental fish	Ongoing
100	S. Ananthi	Dietary effect of <i>Annona muricata</i> , <i>Centella asiatica</i> and <i>solonum torum</i> extract on growth, biochemical, non -specific immune response in	Ongoing
101	S. Pradeepa	Culture of freshwater algae for aquaculture practices	Ongoing

## 8. 2. M.Phil. Research

S. No.	Name of the candidate	Title of the Thesis	Year
1	M.Vijayan	Enrichment of <i>Artemia parthenogenetica</i> using commercially available oil emulsions	July 2005
2	R.Indirani,	Freshwater rotifer <i>Brachionus calyciflorus</i> – A case study	March-2006.
3	K.Gandhimathi	Nutritional Evaluation of Enriched <i>Artemia franciscana</i> nauplii for commercial Freshwater fish <i>Catla catla</i>	August-2006
4	E.Josebin Rajula	Effect of different food types for population growth on Rotifers ( <i>Brachionus Calyciflorus</i> , <i>Brachionus caudatus</i> , <i>Asplanchna brightwelli</i> )-	August-2006
5	V.Angayarkanni	Preliminary studies on the suitability of the <i>Streptocephalus dichotomus</i> for Ornamental fish <i>Poecilia latipinna</i>	August – 2006
6	A.Isamma	Enrichment of <i>Artemia franciscana</i> with different types of oil emulsions and their Use in the rearing of fresh water fish <i>Cyprinus carpio</i>	September – 2007

7	K.R.Divya.	Studies on the Nutritional Evaluation of <i>Artemia parthenogenetica</i> nauplii for Improving fish food value	September - 2007
8	C.Anandakumar	Effect of Different feeds for growth and survival of commercial Livefeed <i>Artemia Parthenogenetica</i> (Crustacea:Anostraca)	October - 2007
9	K.Jayachitra-10	Nutritional Evaluation of <i>Artemia</i> for Gold fish <i>Carassius auratus</i>	
10	J.Ilayaperumal	Effect of Rice bran for the Growth and survival of Indian strain of <i>Artemia</i>	October 2007
11	P.Nimisha -	Evaluation of grow out emulsion with varying Fatty acid and Energy levels for Ornamental fish <i>Xiphophorus maculatus</i>	March-2008
12	K.Jeeja Geroje,	Bioencapsulation of Marine Rotifer <i>Brachionus plicatilis</i> for the larval rearing of marine Ornamental fish <i>Amphiprion sepa</i>	May-2008
13	S.Muthukumar	Studies on induced breeding, nutritional evaluation and biochemical investigation on commercial fish <i>12yprinus12is mossambicus</i>	September 2008
14	P.R.Sreedevi	Formulation of probiotic supplemented rearing medium for ornamental fish <i>poecilia reticulate-A</i> Biotechnological approach	September 2008.
15	K.Jayasurya	Effect of different feeds fed to <i>artemia franciscana</i> for nutritional evaluation of commercial fish- <i>labeo rohita</i> (12yprinus).	September 2008
16	L.Divya	Effect of probiotics on nutritional evaluation of commercial fish <i>Labio rohita</i> (12yprinus) using bioenrichment technique	September 2008
17	V.Manikantan	Bioencapsulation of <i>Artimia franciscana</i> using differend feeds for commercial fish- <i>Labeo rohita</i> (12yprinus).	September 2009
18	M.Dhanalaksmi	Microbial intervention for fish health in aquaculture through bioremediation – A case study	September 2009
19	. S.Viji	Assessment of water pollution in different water samples using biomarkers in the fish model <i>12yprinus12is mossambicus</i> .	September 2009
20	N.Amutha priya	Effect of bioencapsulated live feed daphnia magna for the growth and survival of Zebra fish <i>brachydanio rerio</i> .	September 2010.
21	V.Sudeshna	Effect of <i>Solanum xanthocarpum</i> as an 12yprin stimulant on the growth and immune response of <i>Cirrhinus mirgala</i>	September 2010
22	S.Munirasu	Bioenrichment of live feeds copepods and daphnia for the survival and growth of fresh water fish <i>Catla catla</i> .	September 2011

23	S.Gokilavani.	Impact of chitosan on growth survival and antibacterial property of <i>Cyprinus carpio</i>	September-2011
24	P.Jaya.	Induced breeding of <i>Cyprinus carpio</i> using synthetic hormones ovaprim and Human chorionic gonadotropin hormone ( HCG).	September-2011
25	G.Vidhya.	Effect of <i>Tinospora cordifolia</i> on the immunity and survival of amur carp <i>Cyprinus carpio haetopterus</i> infected with <i>Aeromonas hydrophila</i> .	September-2011
26	Rajalakshmi. M	Effect of Live feed <i>Ceriodaphnia cornuta</i> on growth performance in ornamental fish <i>Xiphophorus maculatus</i> .	October-2012
27	P.Dhanalakshmi	Effect of Plant Extracts, Probiotics and Prebiotics Supplemented Diets on Immunity and Disease Resistance to <i>Aeromonas Hydrophilla</i> in <i>Cirrhinus Mirgala</i>	March-2014.
28	A.Subha	Studies on Post Embryonic Development and Nutritional Evaluation of Indian Copepod <i>Mesocyclops Thermocycloides</i> towards Enhancement of Growth on Zebra Fish <i>Brachydanio Rerio</i> .	March-2014
29	P.Arun Kumar.	Effect of curcuma longa enriched <i>Mesocyclops Thermocycloides</i> on fresh water fish <i>Cyprinus carpio</i>	September 2014
30	K.Pavithra.	Invitro and invivo evaluation of cytotoxic and pathogenic effect of extra cellular products produced by fish pathogens	September 2014
31	K.Madhuri.	Immunostimulant potential of vitamin –c in <i>Cyprinus carpio</i> challenged with <i>Aeromonas hydrophila</i>	September 2014
32	R.Satheesh	Effect of different level of Dietary Copper doped Zinc Nanoparticle on Growth Performance, Biochemical profile, enzyme Status and immune Response of the freshwater fish <i>Labeo rohita</i>	November-2016
33	Anjana, A.M.	Nutritional Evolution and Bioenrichment of <i>Ceriodaphnia cornuta</i> for commercial fish <i>Labeo rohita</i>	November-2017
34	C. Ragnath	Evaluation of Seaweeds <i>Padina boerfesenii</i> and <i>Calurepa racemosa</i> as dietary supplements and their Antibacterial activity in <i>Cirrhinus mrigala</i> .	November-2018
35	SREEBIN.P	Diversity, Abundance and Catch Composition Of Fishes In Relation To Season, Water Parameters And Habitat Ecology In Kavvayi Tropical Wetland, Kerala.	December -2022

### 8.3. Ph.D. research

S. No.	Name of the candidate	Supervisor/Co-Supervisor	Title of the Thesis	Year
1	A. Isamma	<b>Dr. V. Ramasubramanian</b>	Studies on the Nutrition evaluation and Bio-Enrichment of <i>Artemia franciscana</i> nauplii for <i>brachydanio rerio</i> rearing.	2010
2	K.R. Divya	<b>Dr. V. Ramasubramanian</b>	Studies on the laboratory culture and nutritional evaluation of the fresh water copepod <i>Thermocyclopes decipiens</i> for the ornamental fish culture.	2010
3	K. Sendesh kannan	<b>Dr. V. Ramasubramanian</b>	Evaluatuion and management of Floride Contaminations in Ground water Using GIS in Dharmapuri District, Tamil Nādu, India.	2011
4	P.R. Sreedevi	<b>Dr. V. Ramasubramanian</b>	Studies on the Nutritional Evaluation and Mass Culture of Green mussel <i>Perna viridis</i> - An Effective System for Augmentation and Processing.	2011
5	V. Uthayakumar	<b>Dr. V. Ramasubramanian</b>	Reproductive Biology, Haemolytic, Antimicrobial and Therapeutic effect of freshwater fish <i>Mastacembelus armatus</i> - A case study	2012
6	R.Ravi Kumar	<b>Dr. V. Ramasubramanian</b>	Studies On Feeding Efficiency, Nutritional Quality And Digestive Enzymes Activities In Mosquitofish, <i>Gambusia affinis</i> (Baird And Giard 1853)”	2012
7	A.Kiruba	<b>Dr. V. Ramasubramanian</b>	Dietary supplementation with Chitin and Chitosan Hametology and Immune response in <i>Labeo rohita</i> Against Bacterial pathogens	2014
8	M. Shankar	<b>Dr. V. Ramasubramanian</b>	Studies on the Nutritional Evaluation and Bio-Enrichment Of <i>Mesocyclops Thermocyclopoides</i> For <i>Brachydanio Rerio</i> Rearing	2015
9	S. Muthukumar	<b>Dr. V. Ramasubramanian</b>	Effect of Bioencapsulated live feed <i>Artemia salina</i> on growth and survival of freshwater fish <i>I4yprinus carpio</i>	2014
10	S. Munirasu	<b>Dr. V. Ramasubramanian</b>	Effect of Probiotics supplemented diets on growth performance, survival rates, digestive enzyme activity and Haematological parameters for the Freshwater fish <i>Labeo rohita</i> fingerlings.	2017

11	P. Arunkumar	<b>Dr. V. Ramasubramanian</b>	Nutritional Evaluation Of Probiotics Enriched Fish Meal For Indian Major Carps	2019
12	G. Vidhya	<b>Dr. V. Ramasubramanian</b>	Studies on the laboratory culture and nutritional indices of the freshwater copepod <i>mesocyclops Aspericornis</i> for Ornamental Fish <i>Brachydanio Rerio</i> .	2019
13	P. Dhanalakshmi	<b>Dr. V. Ramasubramanian</b>	Effect Of Garcinia Mangostana And Allium Sativum , Extracts On Immunity and Survival Of Cirrhinus Mrigala Infected With <i>Pseudomonas Fluorescens</i>	2020
14	M. Karthika	<b>Dr. V. Ramasubramanian</b>	Influence Of Duckweed (Lemnaceae) Enriched Copepod (Helidiaptomus Vidus) On Growth Gene Expression And Inate Immunity Of Nile Tilapia ( <i>Oreochromis Niloticus</i> )	2021
15	M.S. Shabana	<b>Dr. V. Ramasubramanian</b>	Molecular characterization of functionalized quercetin loaded Mesoporous silica nanoparticle (qmsn) and assessment of its anti- Bacterial properties on nile tilapia ( <i>Oreochromis niloticus</i> )	2022
16	K Pavithra	<b>Dr. V. Ramasubramanian</b>	Efficacy of dietary nano-selenium and kanamycin-selenium conjugated nanoparticles on growth performance, metabolic enzyme activity, antibacterial activity and immune gene expression of <i>Labeo rohita</i>	2022

#### 8.4 Postdoctoral research (RA/WOS/NPDF/Others)

SI No.	Name of the candidate	Title of the Thesis	Number of Peer Reviewed Publications		Year
			National	International	
-	-	-	-	-	-

## 9. Funded Projects

S. No	Funding agency	PI/ Co PI	Title	Duration		Amount sanctioned	Amount received	Paper published if any	Ph.D. produced
				From	To				
1	UGC	Dr. V. Ramasubramanian	Development of new feed formulation towards technological empowerment of aquaculture	2009	2012	Rs.8 lakhs	Rs.8 lakhs	1	1
2	DBT	Co PI Dr. V. Ramasubramanian	Screening for antimicrobial peptides from Marine Actinomycetes against Septicemia in Indian Carp	2015	2018	Rs.35 lakhs	Rs.35 lakhs	1	1
3	DRDO	Dr. V. Ramasubramanian	Assessment of fluoride in ground water	2009	2011	Rs.11 lakhs	Rs.11 lakhs	1	1
4	RUSA phase II-BEICH	Dr. V. Ramasubramanian	Setting up of demonstration hatchery for edible and ornamental fish culture for the upliftment of Student community, Self help group members and Aquaculture farmers	2020	2020	Rs. 12.5 lakhs	Rs. 12.5 lakhs	1	1
5	RUSA phase II-BCTRC	Dr. V. Ramasubramanian	Bioactive compounds with anticancer properties from selected species of marine organisms	2021	2023	Rs. 19.64 lakhs	Rs. 19.64 lakhs	-	1

## 10 Consultancy Projects

S. No	Agency / Organization	Mentor	Description	Duration	Amount Earned
-	-	-	-	-	-

## 11 Departmental Projects as Co-Ordinators

S. No	Funding agency	Title	Duration		Amount sanctioned	Amount received
			From	To		
1	DST	DST- FIST	2019	2024	Rs. 54 lakhs	Rs. 35 lakhs

## 12 Patents

S. No	Details of Patent	International/National	Year	Application / Grant Number
-	-	-	-	-



### 13. Equipment purchased under projects

S. No.	Funding agency	Duration	Title of the Project	Equipment purchased (Above 1 lakh)	Cost (Rs.in Lakhs)	Present Status
1	UGC	2009- 2012	Development of new feed formulation towards technological empowerment of aquaculture	Inverted Microscope	Rs. 1.75 Lakhs	Working
2	UGC	2009- 2012	Development of new feed formulation towards technological empowerment of aquaculture	Weighing Balance	Rs.105000	Working
3	DRDO	2009- 2011	Assessment of fluoride in ground water	Muffle Furnish	Rs. 1 Lakhs	Working
4	DBT	2015-2018	Screening for antimicrobial peptides from Marine Actinomycetes against Septicemia in Indian Carp	RT-PCR	Rs. 12 Lakhs	Working
5	RUSA phase II- BEICH	2020-2020	Setting up of demonstration hatchery for edible and ornamental fish culture for the upliftment of Student community, Self help group members and Aquaculture farmers	RAS	Rs. 3Lakhs	Working

## 14.1.

## 14 Publications

## 14.1 Research articles in Journals (International And national )

S. No.	Name of the Authors	Title,	Journal name	Volume	Page Start-End	Year
1.	S., Samuel, S., Iswaran, V., & Venkatachalam Ramasubramanian	GC- MS SCREENING AND IN-SILICO PREDICTION OF PILA GLOBOSA EXTRACT AGAINST THE BONE DISEASES IN CALCITONIN	Journal of Advanced Scientific Research	13(11)	69-84.	2022
2.	C Ragunath, V Ramasubramanian	Dietary Effect of Padina boergesenii on Growth, Immune Response, and Disease Resistance Against Pseudomonas aeruginosa in Cirrhinus mrigala	Applied Biochemistry and Biotechnology	194 (5)	1881-1897	2022
3.	S Shameem M, K Mayavan, R Venkatachalam	Influence of quercetin loaded mesoporous silica nanoparticles (QMSNs) on immunity and diseases resistance in Nile tilapia ( <i>Oreochromis niloticus</i> )	Journal of Applied Aquaculture	, 1	, 1-20	2021
4.	S Shameem M, K Mayavan, R Venkatachalam	Preparation and evaluation of mesoporous silica nanoparticles loaded quercetin against bacterial infections in <i>Oreochromis niloticus</i>	Aquaculture Reports	21,	100808	2021
5.	K Pavithra, P Darthiqueen, M Karthik, V Ramasubramanian	Effect of dietary selenium nanoparticles (senps) on growth, hematology, protein profile, immune response, and e. Coli bacteria challenged on rohu, <i>labeo rohita</i>	International journal of multidisplinary educational research	2	58-65	2021
6.	M. Karthika, M.S.Shabana & V Ramasubramanian	Morphological and molecular analysis of the freshwater copepod <i>Heliodyptomus Viduus</i> , (Calanoida: Diaptomidae).	Mitochondria l DNA Part A	32	43-58	2020
7.	K. Pavithra, G. Vijayadurga, D. Dinesh, V. Ramasubramanian	Effect of Muskmelon, Cucumis melo and Pears, <i>Pyrus communis</i> extract on growth, haematology, immune response and disease resistance in <i>Labeo rohita</i> against <i>Pseudomonas aeruginosa</i>	Journal of Emerging Technologies and Innovative Research	11	976-989	2020
8.	M.S. Shabana, M.Karthika and V. Ramasubramanian*	Effect of dietary <i>Citrus sinensis</i> peel extract on growth performance, Digestive enzymes activity, muscle biochemical composition and	Journal of Basic and Applied	80	1-9	2019

		metabolic enzyme status of the freshwater fish, <i>Catla catla</i>	Zoology			
9.	P. Shanmuganathan, S. Shila, L .Tholcopiyar, J. ShyamSundar, K. Thiagarajan, S. Radhakrishnan , A. Vinod Kumar, <b>V. Ramasubramanian.</b>	Pila globosa snail extract inhibits osteoclast differentiation via down regulation of nuclear factor $\kappa$ B and nuclear factor of activated T-Cells c1 signaling pathways	Pharmacogn. Mag	15	298-304	2019
10.	R. Ishwarya, B. Vaseeharan, Rengarajan Jayakumar, <b>V. Ramasubramanian,</b> M.Govindarajan, Naiyf S Alharbi, Jamal M Khaled, Mohammed N Al-anbr, Giovanni Benell,	Bio-mining drugs from the sea: High antibiofilm properties of haemocyanin purified from the haemolymph of flower crab <i>Portunuspelagicus</i> (L.) (Decapoda: Portunidae).	Aquaculture	489	130-140	2018
11.	M. Karthika, MS Shabana and <b>V. Ramasubramanian*</b>	Assessment of water quality and Zooplanktondiversityinthefreshwater ecosystem (Lake) - in India	International Research Journal of environmental science	8	23-33	<b>2017</b>
12.	Palanisamy Arunkumar, <b>Venkatachalam Ramasubramanian,</b> Subramani Munirasu, Sasikumar Saranya	Isolation And Identification Of Pathogenic Bacteria And Its Antibacterial Susceptibility In Edible Fish <i>Cirrhinus Mrigala</i>	International Journal Of Biology Research	2	241-247	2017
13.	P. Dhanalakshmi and <b>V. Ramasubramanian</b>	Effect of Probiotics and Prebiotics Supplemented Diets on Immune Resistance against Aeromonas hydrophila in Mrigal Carp	Annals of Aquaculture and Research	4	1-7	2017
14.	Subramani Munirasu, <b>Vankatachalam Ramasubramanian</b> And Palanisamy Arunkumar	Effect Of Probiotics Diet On Growth And Biochemical Performance Of Freshwater Fish <i>Labeo Rohita</i> Fingerlings	Journal Of Entomology And Zoology Studies	5	1374-1379	2017
15.	Venkatachalam Uthayakumar, Kumar Vidhya, Ramachandiran Chandirasekar, arathattil Ratha Sreedevi, Kannan Mohan, Rajarajeswaran Jaya kumar, Dhanabalan Senthil kumar, and	Effect Of Spirulina Platensis, Chlorella Vulgaris And Spirogyra Maxima On Population Growth, Egg Production And Nutritional Profiles In Thermocyclops Hyalinus	Global Veterinaria.	15	554-563	2015

	<b>V. Ramasubramanian</b>					
16.	S Munirasu, V Uthayakumar, P Arunkumar And V <b>Ramasubramanian</b> (2016)	The Effect Of Different Feeds Such As <i>ChlorellaVulgaris</i> , <i>Azolla Pinnata</i> And Yeast On The Population GrowthOf <i>DaphniaMagna</i> Commonly FoundIn FreshwaterSystems	International Journal Of Fisheries And Aquatic Studies	6	5-10	2015
17.	Palanisam Arunkumar*, <b>Venkatachalam Ramasubramanian</b> AndSubramani Munirasu	Effect Of <i>Curcuma Longa</i> EnrichedMesocyclops Thermocyclopoides OnFreshWater Fish, <i>Cyprinus Carpio</i>	International Journal Of Research And Development in PharmacyAnd Life Sciences	6	2484-2492	2016
18.	S.Munirasu, V.Uthayakumar, <b>V.Ramasubramanian</b> and A.Kiruba(2014)	Effect of live Feed <i>Mesocyclopsaspercornis</i> Surival, Growth, Biochemical Constituents and Energy Utilization of the Freshwater Fish <i>Catla catla</i> .	Journal of Aquaculture Feed Science and Nutrition	1	23-31	2014
19.	<b>Parathathl Rathan sreedevi Venkatachalam Ramasubramanian</b> and Venkatachalam Uthayakumar (2014)	Comparative Valuation of On-Bottom and Off-Bottom Mussel (Pernaviridis) Culture as a Small Scale Enterprise, in Chettuva Estuary at Kerala, India	World Journal of Fish and Marine Sciences	6	487-493	2014
20.	V. Uthayakumar, <b>Venkatachalam Ramasubramanian</b> , Dhanabalan Senthilkumar, Rajarajeswaran Jayakumar and P.R Sreedevi, 2014	Effect of <i>Azadirachta indica</i> leafsoluble fractions on immune response and disease resistancein <i>Channa striatus</i> against tropical freshwater fungalparasite <i>Aphanomyces invadans</i> (EUS)”	Global Veterinaria	13	355-364	2014
21.	V. Uthayakumar, R.Chandirasekar, P. Sreedevi, Dhanabalan Senthilkumar, Rajarajeswaran Jayakumar, <b>Venkatachalam Ramasubramanian</b> (2014)	Immunostimulatory effect and disease resistance induced by Lawsonia inermis against Aphanomyces invadans in striped murrels ( <i>Channa striatus</i> )	Malaya Journal of Biosciences	1	231-241	2014
22.	Isamma A,Divya K Radkrishnan <b>V. Ramasubramanian</b> A. Tundiparmbil, S.Sureshkmar (2014)	Studies on probiotics administrationand its influence on gut microflora of ornamental fish Brachydanio rerio larvae	International Journal Of Current Microbiolo	3	336-344	2014

			gy And Applied Sciences			
23.	Isamma Akbar. Divya Kndthil Radkrishnan <b>Venkatachalam Ramasubramanian</b> Arunjith Tundiparmbil, Sthrajith, Krishnakumr, Velayudhnir S.Sureshkmar(2014)	Standartization Of The Bio-encapsulation Of Probiotics And Oil Emulsion In Artemia Parthenogenetica	International Journal of Research in Fisheries and Aquaculture	4	122-125	2014
24.	Isamma Akbar. Divya Kndthil Radkrishnan <b>Venkatachalam Ramasubramanian</b> Arunjith Tundiparmbil, Sthrajith, Krishnakumr, Velayudhnir S.Sureshkmar(2014)	Enrichment of <i>Artemia franciscana</i> with different types of Oil Emulsions mand their use in the rearing freshwater Fish <i>Cyprinus carpio</i>	International Journal of Recent Biotechnolog y	2	25-33	2014
25.	S.Muthukumar, <b>V.Ramasubramanian</b> V.Uthayakumar, S.Munirasu (2014)	Effects of Commercial Herbal Extracts Enriched Artemia nauplii on Enzymatic and Nonenzymatic Antioxidents Activities of Oreochromis mossambicus	International Journal of Scientific Research	6	468-470	2014
26.	V.Uthayakumar, <b>V.Ramasubramanian</b> , S.Munirasu A.Kiruba, D.Senthil kumar(2014)	Effects Of Clitoria Ternatea Plant Parts on Growth Performance, Biochemical and Enzymatic Activities of Pearl Spot ( <i>Etroplus Suratensis</i> )	Internationl Journal Of Scientific Research	2	37-39	2014
27.	Madhuri Krishnamoorthy <b>Venkatachalam Ramasubramanian</b> (2014)	Dietary Supplementation With Chitosan on Haematology and Innate Immune Response in Cyprinus Carpio Haematopterus Against Aeromonas Hydrophila	Indian Journal of Applied Research	4	67-69	2014
28.	Kumar Vidhya, Venkatachalam Uthayakumar, <b>Venkatachalam Ramasubramanian</b> , Subaramanian Muthukumar and Munirasu Subramani (2014)	The effects of mixed algal diets on population growth, egg productivity and nutritional profiles in cycloid copepods ( <i>Thermocyclops hyalinus</i> and <i>Mesocyclops asericornis</i> )	The journal of Basic and Applied Zoology	67	67-69	2014
29.	Kiruba Aathi, <b>Venkatachalam Ramasubramanian</b> , Venkatachalam Uthayakumar and Munirasu Subramani (2013)	Effect of Chitosan Supplemented diet on Survival, Growth, Hematological Biochemical and immunological responses of Indian Major <i>Carp Labeo rohita</i> .	International. Research. Journal of. Pharmacy.	4	141-147	2013
30.		Digestive Gland (liver) waste for	Journal of	6	634-639	2013

	S.Vairamani, V.Sofia, <b>V.Ramasubramani</b> and A.Shanmugan (2013)	extraction of Oil and its lipid composition,	Biological Sciences			
31.	S. Munirasu, <b>V. amasubramanian</b> , V.Uthayakumar and S.Muthukumar (2013)	Bioenrichment of Live Feed <i>Daphnia Magna</i> for the Survival and Growth of Freshwater Fish <i>Catla catla</i> .	International Journal of Current Research Review	5	20-31	2013
32.	A.Kiruba, V.Uthayakumar, S.Munirasu and <b>V.Ramasubramanian</b> (2013)	Extraction, Characterization and Physico Chemical Properties of Chitin and Chitosan from Mud Crab Shell <i>Scylla Serrata</i> )	Indian Journal Of Applied Research	3	44-46	2013
33.	Venkatachalam Uthayakumar, Parathattil Rathan Sreedevi, Dhanapalan Senthilkumar, Subramanian Munirasu, A Kiruba, <b>Venkatachalam Ramasubramanian</b>	Impact of seasonal variation and feeding on reproductive behavior of fresh water spiny eel <i>Mastacembelus armatus</i> from Cauvery River.	Asian Pacific Journal of Reproducti on	2	189-195	2013
34.	R. Parthasarathy, <b>V. Ramasubramanian</b> , D. Ravi (2012)	Effect Of Probiotic Bacteria As A Biocontrol Agent Against Disease Causing Pathogen In <i>Catla catla</i> (Hamilton, 1822).	Internationl Journal of Current Research andReview	4	15-24	2012
35.	V.Uthayakumar, <b>V.Ramasubramanian</b> , Dhanabalan Senthilkumar, V. Brindha Priyadarisini andRamasamy Harikrishnan	Biochemical characterization, antimicrobial and hemolytic studies on skin mucus of fresh water spiny Eel <i>Mastacembelus armatus</i> .	Asian Pacific Journal of Tropical Biomedine	2	863-869	2012
36.	M.Rajalakshmi, <b>V.Ramasubramanian</b> and V.Brindha Priyadarisini (2012)	Mass culture of Zooplankton, <i>Ceriodaphnia cornuta</i> on animal excreta.	Madras Agriculture Journal	99	867-870	2012
37.	M.Shankar, V. Ramasubramanian. (2012).	Biomass production of commercial algae <i>Chlorella vulgaris</i> on different culture media.	E- Journal of Life Science	1	56-60	2012
38.	K.R. Divya, A. Isamma, V. Ramasubramanian, S. Sureshkumar and T.S. Arunjith	Colonization of probiotic bacteria and its impact on ornamental fish <i>Puntius Conchonius</i> ,	Journal of Environmenta l Biology	33	551-555	2012
39.	V.Uthayakumar, V. Ramasubramanian, D. Senthilkumar, P.R. Sreedevi,S. Munirasu, (2012).	Specific And Non-Specific Immune Response And Disease Resistance Of <i>Solanum Torvum</i> Leaf Soluble Fractions In Freshwater Carp <i>C. Carpio</i> ,	International Research Journal of Pharmacy	3	165-170	2012
40.	Uthayakumar Venkatachalam, Ramasubramanian Venkatachalam,	Induction of Triploidy Catfish through Cold Shock and Heat Shock in <i>Clarias batrachus</i>	International Journal of	2	63-72	2012

	Karthik Ganesh	species	Fisheries and Aquaculture Sciences			
41.	P. R. Sreedevi and V. Ramasubramanian (2011)	Biocontrol of ammonia pollution in the rearing water of fish by inducing a heterotrophic bacterial-based food chain in the medium	Aquaculture International	19	789-796	2011
42.	Sendesh Kannan. K. and Ramasubramanian. V. (2011).	Assessment of fluoride Contamination in Ground water using GIS, Dharmapuri District, Tamilnadu, India.	International Journal of Engineering Science and Technology	3	1077-1085	2011
43.	Sendesh Kannan.K, Ramasubramanian. V and Sathyaraj S. R.(2011)	Identification of Fluoride contaminations with the interaction of physio-chemical characteristic in Groundwater of Dharmapuri District, Tamil Nadu	Archives of Applied Science Research,	2	978-980	2011
44.	Nimisha.P. Ramasubramanian.V. Sheeba.S. (2011)	Evolution of growth and survival rate of ornamental fish <i>Xiphophorus maculatus</i> fed with bioenriched <i>Artemia parthenogenetica</i> nauplii	Journal of Aquatic Biology & Fisheries	2	178-186	2011
45.	Venkatachalam Uthayakumar, Venkatachalam Ramasubramanian and Karthik Ganesh	Captive breeding of <i>Oncorhynchus mykiss</i> , a threatened and endemic species to the Western Ghats, India- A conservatory aspect	International Multidisciplinary Research Journal	1	31-35	2011
46.	V. Ramasubramanian and R.Sivashankar (2010).	Studies on the biodiversity of rotifer species available in different biotopes of Coimbatore District..	Hazards and Marine Fishery Resources Management			2010
47.	Ramasubramanian, V., Porselvi, V. And Mahalingam, S. (2010)	Evaluation of different feeds for optimal growth and survival of parthenogenetic strain of <i>Artemia</i>	Indian Journal of Marine Science	16	253-255	2010
48.	Ramasubramanian, V. Porselvi, V. and Mahalingam, S. (2002)	Evaluation of different feeds for optimal growth and survival of parthenogenetic strain of <i>Artemia</i> .	Proc XX Symp Reprod Biol Comp Endocrinol	16	253-255	2002
49.	Shanmugasundram, G.K., Ramasubramanian, V. and Munuswamy, N. (1996).	Alpha-tocopherol in <i>Artemia</i> cysts: A report.	Aquaculture International	3	377-378	1996
50.	Ramasubramanian, V. and Munuswamy, N. (1996)	Impact of salinity on the Survival of <i>Artemia parthenogenetica</i>	Current Science	244	29-44	1996
51.	Ramasubramanian, V. and	Scanning electron microscopic studies on the	Cytobios	76	75-80	1993

Munuswamy,N.(1993).	hatchingof Artemia parthenogenetica cysts				
---------------------	---	--	--	--	--

#### 14.2. Book Chapter Publications

Sl. No.	Title of the Books /Chapters	Author	Co-Authors (s) if any	Name of the Publisher,	Month, Year	ISBN
<b>International Publishers</b>						
1	Aquatic Lectins: Biological Recognition and Molecules	Ramasubramanian. V		Springer Singapore	May 2022	978-981-19-0432-5
2	Modern Nanotechnology: Sustainable Energy and Environmental Applications	Ramasubramanian. V		Springer Singapore		

#### 14.3. Book Publications

Sl. No.	Title of the Books /Chapters	Author	Co-Authors (s) if any	Name of the Publisher,	Month, Year	ISBN
<b>(a) Books authored which are published by :</b>						
<b>International Publishers</b>						
1	Mass production of fresh water live feed	Ramasubramanian. V	Divya K.R	Lambert Academic Publishing	2019	978-620-0-47579-4
<b>National Publishers</b>						
1	Life science: research, Practices and application for sustainable development	Ramasubramanian V	P. Ponmurugan T. Marimuthu	MacMillan New Delhi	2017	978-93870-0007-0
<b>Total:</b>						2

#### 15 Awards

S. No.	Funding agency	Name of conference	Country	Paper presented (Oral/Poster)	Title of paper	Dates
--------	----------------	--------------------	---------	-------------------------------	----------------	-------



1	DST	Attended International Conference on Aquaculture America, Las Vegas,	U.S.A	Oral	Survival and reproduction of Cyclopoid Copepods	Feb 28 <sup>th</sup> – 2 <sup>nd</sup> March 2012
2	National Taiwan Ocean University	Institute of Marine Biology, National Taiwan Ocean University, Keelung, Taiwan, 202.	Taiwan	Oral	Bio enrichment of live feeds available in India	October 6-9, 2009
3	CSIR	Department of Biology, Khon Kaen University, Khon Kaen, Thailand Attended 9th International Rotifer Symposium. Department of Biology, Srinakharinwirot University, Bangkok	Thailand.	Oral	Rotifer as effective feed for ornamental fishes.	16 <sup>th</sup> to 30, Jan 2000
4	CSIR	Zoological Institute, Quai Van Beneden, Liege, Belgium. Attended 2nd European Crustacean Conference. Institute of Animal Ecology, Ghent State University, Ghent, Belgium	Belgium	Oral	Bio encapsulation of <i>Artemia parthinogetica</i> nauplii usable in practical Aquaculture	Sep 1 to 30 1996

## 15. 2.

S. No.	Awarding agency	Country	Purpose of award	Date of Award	Any other details
1	NSF	India	Best Leader Ship award	2019	
2	NSF	India	Best Faculty Ship award	2017	
3.	EEC,	Belgium	SRF Scholarship awarded	1996-99	
4	CSIR-SRF	India	Merit scholarship	1994-1996	
5	European Crustacean Conference	Belgium	Young scientist award	1996	

## 15.3 Academic fellowships for training

S.No.	Name of faculty	Awarding agency	Institution visited	Country	Duration	Purpose	Papers if any
	-	-					

## 16. Academic events attended

### Conference /seminars /Symposium attended

S. No	Name of Authors	Title of conference	Duration	Poster /Oral/ Guest speaker/ Chair - person	Title of paper	Institution	Country
1	Ramasubramanian .V	International Symposium on large branchiopod Aquaculture held at Ulm, Germany, 1993	30 Jul-3 Aug1993	Oral	Evaluation of feeds on the growth of <i>Artemia parthenogenetica</i> (Crustacea:Anostraca)	Ulm, Germany	Germany
2	Ramasubramanian .V	2nd European crustacean conference held at Liege, Belgium, 1996	31 <sup>st</sup> Aug – 4 <sup>th</sup> Sep 1992	Oral	Nutritional evaluation of DHA-enriched <i>Artemia Parthenogenetica</i> nauplii (Indian strain) for the larvae of <i>Penaeus moodon</i> .		Belgium,

3	Ramasubramanian .V	National seminar on Recent trends in Aquaculture,		Oral	Nutritional evaluation of enriched <i>Artemia parthenogenetica</i> nauplii	Nagarjuna University Andhra Pradesh	India
4	Ramasubramanian .V	IX International rotifer symposium held at Khon kaen Thailand	16-23 Jan 2000	Oral	Preliminary studies on the use of enriched oil for enrichment of the rotifer <i>Brachionus plicatilis</i> (Muller)	Khon kaen Thailand	Thailand
5	Ramasubramanian .V	National Symposium on Reproductive Biology and Comparative Endocrinology	January 7-9, 2002	Oral	Preliminary studies on the use of emulsified oil for live-feed organisms and Evaluation of different feeds for optimal growth and survival of parthenogenetic strain of <i>Artemia</i>	Bharathidasan University	India
6	Ramasubramanian .V	national symposium on physiology and biochemistry of cultivable crustaceans held at University of Madras	February 18-19, 2002	Oral	A scanning electron microscope study of the post-embryonic development in a parthenogenetic strain of <i>Artemia</i>	University of Madras	India
7	Ramasubramanian .V	National Seminar on status of <i>Artemia</i> Research in India	March 22-23, 2002	Oral	Environmental influence on the distribution of Kelambakkam strain of <i>Artemia</i>	Manonmaniam Sundaranar University, Nagercoil	India
8	Ramasubramanian .V	National Symposium on Bioinformatics	October 6-2005	attended	-	Bharathiar University	India
9	Ramasubramanian .V	National Seminar on Sustainability of Sea food Production: Reflections, Alternatives and Environmental control	February -2006	Oral	Nutritional and medicinal products from fishes and Live Feed organisms and Aquaculture-constraints, Remedial Measures and other Related Problems	National Institute of Oceanography, Goa	India

10	Ramasubramanian .V	International conference on Biodiversity of Insects: Challenging Issues In Management and Conservation	30 <sup>th</sup> January – 3 <sup>rd</sup> February , 2006	Oral	Biodiversity of Aquatic Insects	Bharathiar University	India
11	Ramasubramanian .V	National Seminar on Application of RS and GIS in Environmental Management	March 10 <sup>th</sup> to 11 2006.	attended	-	PSG CAS	India
12	Ramasubramanian .V	National Seminar on Advance in Aquatic Biology	20 <sup>th</sup> to 22, Dec 2006	Oral	Evaluation of different food types for the culture of commercial rotifers	Nagarjuna University, Andhra Pradesh	India
13	Ramasubramanian .V	International Conference Indaqua-2007	11 <sup>th</sup> to 13 Jan .2007	attended	-	Chennai Trade Centre,	India
14	Ramasubramanian .V	Seminar on New Trends in Bio-informatics	12th February 2007	attended	-	Bharathiar University	India
15	Ramasubramanian .V	Fifteenth National Symposium on Environment (NSE-15)	05 <sup>th</sup> to 07.Jun 2007	attended	-	Bharathiar University	India
16	Ramasubramanian .V	International Seminar cum Workshop on Molecular Modeling and Drug Discovery	27 <sup>th</sup> 28 July 2007	attended	-	Bharathiar University	India
17	Ramasubramanian .V	International large Branchiopod symposium	16 th 20 Sep 2007	Oral	Preliminary studies on the suitabilityof the fairy shrimp <i>Streptocephalus dichotomus</i> as live feed for the commercial ornamental fish <i>Poecilia latipinna</i> .	Nagarjuna University, Andhra Pradesh	India
18	Ramasubramanian .V	National seminar on Pollution Hazards and Marine Fishery Resources Management	25 <sup>th</sup> 26 OCT 2007	Oral	Studies on the biodiversity of rotifer species available in different biotope of Coimbatore District	Fisheries College and Research Institute, Thothisukudi	India
19	Ramasubramanian .V	National Conference on Coral reef Ecosystem	18 th 19 Sep 2008	Oral	Coral reef Production and Protection for Aquatic organisms	Fisheries College and Research Institute,	India

20	Ramasubramanian .V	International conference on Dormancy in Crustaceans: Research Finting and application. Zooplankton Behavior, Ecology and Aquaculture.	2002	Oral	Bioenrichment of live feeds available in India	National Taiwan Ocean University	Taiwan
21	Ramasubramanian .V	International Conference on Aquaculture America 2012	February 29- March- 2, 2012	Invited Lecture	Studies on the Induced Spawning of Green Mussel <i>Perna viridis</i> at Different Temperatures	Las vegas, Nevada, USA	USA
22	Ramasubramanian .V	International Seminar in “Recent Trends in Aquatic Biotechnology	21 <sup>st</sup> - 22 <sup>nd</sup> Oct 2013	attended	-	Department of Animal Health & Management, Alagappa University	India
23	Ramasubramanian .V	National Conference on” Environmental Issues and Challenges-Vision 2020	27th - 28th Sep, 2013	attended	-	Department of Zoology, Annamalai University Annamalai University	India
24	Ramasubramanian .V	One day Users Awareness Programme on” e-resources under UGC-INFLIBNET Digital Library Consortium	30th Jan, 2013	attended	-	Bharathiar University	India
25	Ramasubramanian .V	Bio-Galaxia	03 Oct 2013	attended	-	Department of Microbial Biotechnology, Bharathiar University	India
26	Ramasubramanian .V	National Seminar On “Biodiversity Informatics	30.Aug. 2013	attended	-	Centre for Bioinformatics , Bharathiar University	India
27	Ramasubramanian .V	Training Programme on “Research Methodology in Zoology	21 <sup>th</sup> to 25 Jan 2013	attended	-	Department of Zoology, Bharathiar University	India
28	Ramasubramanian .V	National Symposium on “Crustacean Biology: Molting, Reproduction and Immunology	27 <sup>th</sup> to 28 <sup>th</sup> June 2014	attended	-	Department of Zoology , University of Madras	India

29	Ramasubramanian .V	Seminar on “Innovation and Reformation in Higher Education Examination System	March 18th 2014	attended	-	Controller of Examination Bharathiar University	India
30	Ramasubramanian .V	One day workshop on Recent Advances in Aquatic Research	12 <sup>th</sup> Dec, 2013.	attended	-	Department of Zoology, Kongunadu Arts and Science College	India
31	Ramasubramanian .V	National Conference Innovations, Implementations and Controversies of Animal Biotechnology	20 <sup>th</sup> March, 2014	attended and Chaired a session	-	Department of Animal Sciences, Bharathidasan University	India
32	Ramasubramanian .V	National Symposium on “Crustacean Biology; Molting, Reproduction and Immunology	27 <sup>th</sup> and 28 <sup>th</sup> June 2014	attended	-	Department of Zoology, University of Madras	India
33	Ramasubramanian .V	National Conference on Innovations, Implementations and Controversies of Animal Biotechnology (NCIICAB - 2014)	20 <sup>th</sup> & 21 <sup>st</sup> March, 2014	attended and Chaired a session	-	Bharathidasan University, Trichirappalli	India
34	Ramasubramanian .V	UGC sponsored seminar on “Innovation and Reformation in Higher Education Examinations system (IRHEES)	28 <sup>th</sup> and 29 <sup>th</sup> June 2014	attended	-	Bharathiar University Coimbatore	India
35	Ramasubramanian .V	National level symposium on “Phenomenal Science	17 Oct 2014	Attended and judge	-	Department of Microbial Biotechnology Bharathiar University	India
36	Ramasubramanian .V	Advanced Vannamee Shrimp Farming Strategies and International success stories iwassss-15	24th January 2015	Attended	-	Tamil Nadu Fisheries University Chennai	India

37	Ramasubramanian .V	UGC-ASC- Bharathiar University Refresher Course Algal Biodiversity	22 May 2015	Resource Person	-	Department of Botany, Bharathiar University	India
38	Ramasubramanian .V	one day national symposium Bio Revolution trends for scientific harmony	18 <sup>th</sup> Dec 2015	served as judge	-	Bharathiar University	India
39	Ramasubramanian .V	National conference on perspectives and prospects in aquatic research	16Feb 2016	Attended	-	Kongunadu Arts and science college, coimbatore	India
40	Ramasubramanian .V	One day User awareness programme on Shodhganga and anti Plagiarism Software (Urkund)	28 Jan 2016	Attended	-	Bharathiar University	India
41	Ramasubramanian .V	National seminar on Bio-Cheminformatics	26 Feb 2016	Attended	-	Bharathiar University	India
42	Ramasubramanian .V	National Level Symposium on Innovations, Insights and Interactions of Biological Facets	6 <sup>th</sup> Oct 2016	Chaired a session and Acted as Judge	-	Bharathiar University	India
43	Ramasubramanian .V	Conference cum Scientific Meet on Industry interaction in biotechnology (Second Edition)	03 <sup>rd</sup> & 04 <sup>th</sup> Oct 2016	Attended	-	K.S Rangasamy College of Technology, Tiruchengode	India
44	Ramasubramanian .V	International Conference on aquatic animal health and parasitic diseases	6 <sup>th</sup> & 7 <sup>th</sup> march 2017	Attended	-		India
45	Ramasubramanian .V	Biosafety awareness seminar organized by IBSC Bharathiar University	27 Sep 2017	Attended	-	IBSC Bharathiar University	India
46	Ramasubramanian .V	International Conference on environment, genes, health and diseases	22 <sup>nd</sup> - & 24 <sup>th</sup> Aug 2017	Attended	-		India

47	Ramasubramanian .V	Recent Trends In Life Sciences; Research ,Practices And Application For Sustainable Development	7 <sup>th</sup> & 8 <sup>th</sup> , Sep 2017	Organizing member	-	Bharathiar University	India
48	Ramasubramanian .V	Biology and Medicine	07 <sup>th</sup> – 08 <sup>th</sup> Feb 2019	Organizing member		Bharathiar University	India

### Workshop/Training/FDP attended

S. No	Title	Duration	Institution	Country
1	Training Programme on “BIOINFORMATICS & INFORMATION TECHNOLOGY	1-3 Nov.2002	Bioinformatics Centre and ARIS Cells, Madras Veterinary College	India
2	Training Course on “SHRIMP FARMING”	May 2 <sup>nd</sup> – 5 1995	Marine Product Export Development Authority, Ministry of Commerce, Govt. Of India	India
3	Training Programme on Research Methodology in Zoology	21 <sup>st</sup> -25 <sup>th</sup> January2014	Department of Zoology, Bharathiar University	India
4	5th Workshop on Science Writing / Journalism	21 <sup>st</sup> to 25 <sup>th</sup> Jun 2006	N.C.S.T.C., Government of India, New Delhi, Science City, Govt. of Tamilnadu	India
5	National Workshop on “E-Learning”	26 <sup>th</sup> to 30.Sep .2006	Bharathiar University, Coimbatore	India
6	Refresher Course	31th Jan to 20 Feb 2006	UGC Academic Staff College, Bharathiar University	India
7	Training on Murrel culture	7-9 Feb 2013	National Nellai Food Festival	India
8	Workshop on “Basic Science Courses	03 – 23 Dec2009	UGC Academic Staff College, Bharathiar University	India
9	Short Term Course for Research Guides	27-31Jan 2009	UGC Academic Staff College, Bharathiar University	India
10	Orientation Programme on “Development of Self - Instructional Materials for Distance Learners	31st Mar 2010	UGC Academic Staff College, Bharathiar University	India



11	Workshop on “Educational Leadership”	28th to 29th Jan2014	UGC Academic Staff College, Bharathiar University	India
12	69th Orientation Course	04-31 Mar 2008	UGC Academic Staff College, Bharathiar University	India
13	Refresher Course	09 - 29 Nov 2011	UGC Academic Staff College, Bharathiar University	India
14	Science Academies Lecture Workshop on Biological sciences: Research prospects and Applications	25 <sup>th</sup> & 26 <sup>th</sup> Sept2014	UGC Academic Staff College, Bharathiar University	India
15	UGC sponsored short term course on “e-content Development”	12 <sup>th</sup> -14 <sup>th</sup> Feb2014	Bharathiar University Coimbatore	India
16	One day International program on European Fellowships and Opportunities with Funding	31 <sup>st</sup> Jan2015	Stella Mary’s College of Engineering , ArutheganvilaiKanyakumari	India
17	International workshop on advanced vannamei shrimp farming strategies and international success	24 <sup>th</sup> Jan2015	Tamil Nadu Fisheries University Chennai	India
18	Science academies Lecture Workshop on Innovations in Biosciences	22 and 23 Feb 2016	Bharathiar University	India
19	National workshop on intellectual property rights	3 <sup>rd</sup> - 4 <sup>rd</sup> Mar2016	Bharathiar University	India
20	National workshop on intellectual property rights in biomedical innovations	20 Oct 2016	Bharathiar University	India
21	Workshop on think tank initiation for IPR policy implementation,	26 <sup>th</sup> -27 <sup>th</sup> Jul 2017	Bharathiar University	India
22	National seminar on Biodiversity Conservation and Sustainable Utilization	20st & 21th March 2017	Bharathiar University	India
23	Lecture workshop on Insights in life science	22- 24Jan 2018	Department of Biochemistry Bharathiar University	India
24	Work on NAAC revised Assessment & accreditation Framework	3 <sup>rd</sup> Feb 2018	IQAC, Bharathiar University	India
25	Two days Lecture workshop on Impact of Climate change on Biodiversity and Environment	19 <sup>th</sup> & 20 <sup>th</sup> Dec2018	Department of Environmental Sciences, Bharathiar University	India
26	Two days workshop on Online Learning	14 <sup>th</sup> -15 <sup>th</sup> Oct 2019	Bharathiar University	India

**Conference Seminar  
Organized**

S. No	Title of the Event	Duration	Funding agency	Role	No. of Institutions	No. of days	No. of Institutions from other state	No. of participants	No. of experts
1	National Seminar on“ <b>Recent Trends in Aqua culture practices Towards Technological Empowerment Of Aqua-culture Farmers”</b> 7 <sup>th</sup> and 8 <sup>th</sup> August 2008		CSIR, DST, TNSCT	Organizing Secretary	1	2	7	320	18
2	<b>Refresher Course in Life Sciences</b> 03 <sup>th</sup> - 23 Dec 2009		<b>UGC-Academic Staff College</b>	Co-ordinator	1	20	5	20	6
3	National workshop on “ <b>Freshwater Fish Culture Using Bio encapsulated Live Feeds towards Technological Empowerment of Fishermen and Self-Help groups</b> ”18 <sup>th</sup> to 20 <sup>th</sup> of August, 2010.		DBT, Bharathiar University	Organizing Secretary	1	3	3	285	12
4	National workshop cum training programme on “ <b>Fresh water and Ornamental fish culture</b> ” 1 <sup>st</sup> to 5 <sup>th</sup> February 2011		NABRD	Organizing Secretary	1	5	Nil	75	7

5	National workshop cum training programme on <b>“Fresh water and ornamental fish culture”</b> 10th to 15th February 2011	NABRD	Organizing Secretary	1	5	Nil	75	7
6	National Seminar on <b>“Biotechnological Approaches in Aquaculture”</b> 1st and 3rd February 2012	DBT, MOES, Bharathiar University	Organizing Secretary	1	3	6	375	15
7	<b>Refresher Course in Life Sciences</b> 19 <sup>th</sup> Nov - 09 Dec 2013	<b>UGC-Academic Staff College</b>	Co-ordinator	1	20	5	20	6
8	International Symposium on <b>“Research Innovation for Quality Improvement in Higher Education”</b> 10th and 11th, October 2014	Bharathiar University	Organizing Secretary	1	2	12	415	22
9	National Seminar on <b>“Advances in Basic Clinical Immunology in association with Indian Immunology Society”</b> 15 <sup>th</sup> & 16 <sup>th</sup> , September 2015	Indian Immunology Society New Delhi, DST, TNSCST, Bharathiar University	Organizing Secretary	1	2	18	352	26
10	National conference on <b>“Recent Trends In Life Sciences; 9Research, Practices And Application For Sustainable Development”</b> 7th and 8th, September 2017	NABS, SERB, NBA,DBT, INSA, DRDO, TNSCST	Organizing Secretary	1	2	11	432	19

11	International conference on “Recent Biotechnological Innovation in Aquaculture in association with ICAR- NBFGR” 27th to 28th February 2020	DST- Pharse, SERB, DRDO MPEDA	Organizing Secretary	2	2	14	625	28
----	--	---	-------------------------	---	---	----	-----	----

### 18. Invited and Guest Lectures Delivered in Various Capacities

S. No.	Name of the Event	Title	Institution	Date	Role
1	Workshop on Socio- Economic development of ornamental fish farmers	Production of enriched fish live food organisms eco friendly technology	TANUVAS Dharmapuri	28 <sup>th</sup> Feb. 02 Mar 2011	Invited Lectures
2	Workshop on modern technology in aquaculture practices	Aquaculture techniques	Department of zoology, Vellalar college for women	10 Jan 2012	Invited Lectures
3	International conference on aquaculture USA	Induced spawning of perna viridis at different temperature	Las Vegas, USA	29 <sup>th</sup> Feb- 03 <sup>rd</sup> Mar 2012	Invited Lectures
4	Conference cum Scientific Meet on Industry-Institute Interaction in Biotechnology (Second Edition)	Aquaculture techniques	Department of Biotechnology, K.S. Rangasamy College of Technology Tiruchengode	03 <sup>rd</sup> & 04 <sup>th</sup> Oct 2016	Invited Lectures
	Inauguration of Zoology Association in Nirmala college for women	Aquaculture a potential tool for the future scenario	Department of Zoology, Nirmala college for women	27 <sup>th</sup> July 2016	Chief Guest
5	Refresher course in Bio technology	Biotechnology in Aquaculture	UGC-HRDC Bharathiar University	01-12-2017	Resource person

6	National Seminar on “ Biodiversity Conservation and sustainable Utilization (NSBCS-2017)	Biotechnology in Aquaculture	Bharathiar University	20 <sup>th</sup> &2 <sup>st</sup> Mar 2017	Invited Lecture
	Faculty development Programme on Entrepreneurship 2017	Faculty development Programme on Entrepreneurship	Department of Botany, Bharathiar University	21 <sup>st</sup> Nov 2017	Invited Lectures
7	International Colloguium on Biovision 2018	Key note address	Sir Issac Newton College of arts and Science, Nagapattinam	28-02-2018	Invited Lectures
8	Indian Science Academy refresher course on Biotechnology techniques in biodiversity conservation	Aquaculture	Department of Botany, Bharathiar University	11 <sup>th</sup> Sep 2019	Invited Lectures
9	Refresher course in Zoology	Biotechnology in Zoology	UGC-HRDC Bharathiar University	25.06.2019	Resource person
10	Orientation Programme	Lecture	UGC-HRDC Bharathiar University	10.07.2019	Resource person
11	Refresher course in biological sciences	Biotechnology approaches to aquatic ecosystems	UGC-HRDC Bharathiar University	18.09.2019	Resource person
12	Green Skill Development Programme: Certificate course on: Para-Taxnomy	Employment opportunity in aquaculture	Botanical Survey of India Southern Regional Centre, T.N.A.U campus	03th Dec to 29 <sup>th</sup> Mar 2019	Resource person

#### 19 Extension activity (Social activity/election duty/special duty)

S. No.	Name of faculty	Nature of duty	Duration	Place of activity	Any other detail
1	Ramasubramanian .V	Freshwater Fish Culture Using Bio encapsulated Live Feeds towards”	18 <sup>th</sup> to 20 <sup>th</sup> of August, 2010	Bharathiar University	Technological Empowerment of Fishermen and Self-Help groups
2	Ramasubramanian .V	Fresh water and Ornamental fish culture	1 <sup>st</sup> to 5 <sup>th</sup> February 2011	Bharathiar University	Training for Fishermen and Self-Help groups in around Coimbatore region
3	Ramasubramanian .V	Ornamental fish culture	28.02.2020	Bharathiar University	Technological Empowerment of Fishermen and Self-Help groups