

Faculty Profile of Dr. P. SaravanaBhavan



Dr. P. SaravanaBhavan
Professor & Head
Department of Zoology

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Phone No: 0422-2428495

Mobile No: 9842498138

Research Area

- Crustacean aquaculture
- DNA barcoding
- Natural products

Education & Career

Education

Ph.D.

Subject : Animal Science with Aquatic Toxicology

Affiliated University : Bharathidasan University

Year of Award : 1998

B.Ed.,

Subject: Biological Sci., with English & Edu. Technol.,

Affiliated University : Bharathiar University

Year of Award : 1991

M.Sc.,

Subject: Zoology with Entomology

Affiliated University : Annamalai University

Year of Award : 1990

B.Sc.,

Subject: Zoology with Pest Management

Affiliated University : Madras University

Year of Award : 1987

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

Professor : August 2015 to Till date

Associate Professor : August 2012 to August 2015

Reader : August 2009 to August 2012

Lecturer (SS) : September 2005 to August 2009

Past Experience

Lecturer : August 2000 to August 2004 at Govt. Collegiate Service

Lecturer (SS) : August 2004 to August 2005 at Govt. Collegiate Service

Awards**Members**

.

Visits

Country Visited :Taiwan

Duration of Visit : 1-week

Month and Year : June 14-17, 2015

Purpose of Visit : Paper presentation in Intl. Conf. on Multidisciplinary
Biology,Natl. Taiwan Ocean Univ.,Keelung, Taiwan

Collaborators

Others

Projects

Funded Projects(National Level)

- [Ongoing - 01](#)
- [Completed - 03](#)

1. DST

Title of the project : Dynamical clusterization studies of fission like fragments from the excited light nuclei

Funding Agency : Department of Science and Technology – Science and Engineering Research Council, Fast Track Scheme for Young scientists

Amount : Rs. 8.13 Lakhs

Duration : 2003-2006

2. DAE-BRNS

Title of the project : Studies on nuclear fission reaction process with orientation to nuclear data needs of India's advanced reactor program

Funding Agency : Department of Atomic Energy – Board of Research in Nuclear Sciences, under Major Research Project Scheme

Amount : Rs. 12.11 Lakhs

Duration : 2009-2013

3. UGC-MRP

Title of the project : 'A study of heavy ion collisions in the heavy and superheavy mass region and the related phenomena'

Funding Agency : University Grants Commission, Government of India, under Major Research Project Scheme

Amount : Rs. 6.09 Lakhs

Duration : 2010-2013

1. CSIR

Title of the project : 'Dynamical clusterization studies of fission like fragments from the excited light nuclei'

Funding Agency : Department of Science and Technology – Science and Engineering

Amount : Rs. 8.13 Lakhs

Duration : 2003-2006

Consultancy Projects

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

Research Guidance

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

ONGOING

R. UDAYASURIYAN

Title of the Thesis : Species Diversity, Morphological And Molecular Characterization Of Few Caridean Prawns Of The Families Atyidae And Palaemonidae

Date of Submission: Thesis Submitted 23.12.2019

Date of Award:

A. SUDHA

Title of the Thesis : Nutritional, biochemical, physiological and gene expression studies on the prawn *Macrobrachium rosenbergii* post-larvae fed with probiotic bacterium *Bacillus licheniformis* supplemented feed, molecular identification of gut bacterial consortium

Date of Submission: Thesis Submitted 28.02.2020

Date of Award:

AWARDED

A. SUMATHI

Title of the Thesis : Hepatoprotective and *in vitro* antioxidant effect of *Melina*

azedarachL (Family: Meliaceae) on carbon tetrachloride (CCl₄) induced liver injury in male Sprague dawley rats, phytochemical characterization and identification of "melatonin

Date of Submission:13.10.2008

Date of Award:08.06.2009

R. SHANTHI

Title of the Thesis :Influence of medicinal herbs (*Antrographispaniculata*, *Cissusquadrangularis* and *Eclipta alba*) in growth promotion of the freshwater prawn *Macrobrachiumrosenbergii*

Date of Submission:19.08.2011

Date of Award:02.02.2012

C. SEENIVASAN

Title of the Thesis : Individual and combined effects of probiotics (*Lactobacillus sporogenes*, *Bacillus subtilis*, *Saccharomyces cerevisiae*) on the freshwater prawn *Macrobrachiumrosenbergii*post larvae

Date of Submission: 01.04.2015

Date of Award: 21.09.2015

S. RADHAKRISHNAN RFSMS-UGC

Title of the Thesis :Studies on replacement of fishmeal with *Spirulinaplatensis*, *Chlorella vulgaris* and *Azolla* for nursery maintenance of the freshwater prawn *Macrobrachiumrosenbergii*

Date of Submission: 24.12.2012

Date of Award: 27.05.2013

P. ANANTHI

Title of the Thesis : Toxic effects of carbamate pesticides (carbofuron and methomyl) on the freshwater prawn *Macrobrachiumrosenbergii*

Date of Submission:06.06.2012

Date of Award:25.10.2013

R. POONGODI

Title of the Thesis :Studies on growth promoting effects of couch grass(*Cyanodondactylon*), drumstick (*Moringaoleifera*) anddronapushpi (*Leucasaspera*) on the freshwater prawn, *Macrobrachiumrosenbergii*

Date of Submission:31.10.2011

Date of Award:26.05.2014

R. SOWDESWARI RFSMS-UGC

Title of the Thesis : Toxic effects of heavy metals (cadmium chloride and chromium trioxide) on the biochemistry and physiology of the freshwater prawn *Macrobrachium rosenbergii*

Date of Submission:10.07.2013

Date of Award:13.06.2014

A. ANNE REBECCA DST-INSPIRE

Title of the Thesis : Growth promoting potential and ammonia stress tolerance ability of *Allium sativum*, *Zingiber officinale* and *Curcuma longa* incorporated feeds in *Macrobrachium rosenbergii* post larvae

Date of Submission:30.08.2012

Date of Award:05.09.2014

T. MURALISANKAR URF

Title of the Thesis : Efficiency of bulk and nanosized dietary zinc and copper on growth, biochemical and immunological parameters of the freshwater prawn *Macrobrachium rosenbergii*

Date of Submission:12.06.2014

Date of Award: 24.11.2014

L. JAYANTHI

Title of the Thesis : Beneficial effects of commercially available probiotic products (LactoBacil[®]_{plus} and ViBact^{*}) on the freshwater prawn *Macrobrachium rosenbergii*

Date of Submission:04.04.2014

Date of Award:13.02.2015

N. MANICKAM

Title of the Thesis : Biodiversity of plankton in two perennial lakes of Coimbatore, India and suitability of wild mixed zooplankton as live feed for rearing of the giant freshwater prawn *Macrobrachium rosenbergii* early post larvae

Date of Submission:08.06.2015

Date of Award:17.12.2015

V. NATHIYA

Title of the Thesis :Predatory ability of *cyclopoid copepod crustacean* (*Mesocyclopsaspericornis*) on the larvae of filarial vector (*Culexquinquefasciatus*) under unpolluted, and *Ocimumbasilicum*-synthesized silver nanoparticles and monocrotophos polluted conditions

Date of Submission:19.10.2015

Date of Award:10.04.2017

V. SRINIVASAN,

Title of the Thesis : Dietary concentrations of iron oxide and magnesium oxide nanoparticles in survival, growth, nutritional and immune enhancements of the prawn *Macrobrachiumrosenbergii* post-larvae and disease tolerance against *Pseudomonas aeruginosa*infection

Date of Submission:21.10.2016

Date of Award:19.05.2017

A. ASAIKKUTTI (RGNF)

Title of the Thesis : Green synthesized manganese oxide nanoparticles and vitamin c as feed additives to improve survival and growth of the prawn *Macrobrachiumrosenbergii* post-larvae

Date of Submission:31.03.2017

Date of Award:28.09.2017

G. RAJKUMAR

Title of the Thesis :Growth promoting potential of marine algae (*Turbinariaornata*and*Gracilariacorticata*) in the freshwater prawn *Macrobrachiumrosenbergii* post-larvae, and their pathogenic challenging ability against the bacterium *Pseudomonas aeruginosa*

Date of Submission:27.11.2017

Date of Award:08.06.2018

M. KARTHIK

Title of the Thesis : Supplementations of *Lactobacillus brevis*and *Lactobacillus fermentum* for improvement of health and growth of the prawn *Macrobrachiumrosenbergii* post-larvae, and identification of gut microflora through 16S rDNA

Date of Submission:31.07.2018

Date of Award:04.02.2019

T. SATGURUNATHAN

Title of the Thesis : Green synthesis of selenium and chromium nanoparticles, their effects on growth, survival, biochemical constituents, and digestive, metabolic and antioxidant enzymes, and expressions of myostatin and crustacean hyperglycemic hormone genes in the prawn *Macrobrachium rosenbergii*

Date of Submission:16.05.2019

Date of Award:29.11.2019

Ongoing

Candidate Name

Title of the Thesis :

Date of Submission:

Date of Award:

Awarded

J. IRENE MONICA

Title of the Thesis : Studies on the effects of 'Polystyrene' and 'Aavin milk cover polyethylene' on the growth and gene expression of the prawn *Macrobrachium rosenbergii* post-larvae.

Date of Award:2019

S. ESWARI

Title of the Thesis : Replacement of fishmeal with the medicinal fungus *Agarius bisporous* for better survival and growth of the freshwater prawn *Macrobrachium rosenbergii* post-larvae.

Date of Award:2019

P. RATHINAVELU

Title of the Thesis : Effect of the marine seaweed, *Chaetomorpha linum* powder and its extracts on the survival and growth of the freshwater prawn *Macrobrachium rosenbergii* post-larvae

Date of Award:2018

V.C.KALAISELVI

Title of the Thesis : Phytochemical characterization of *Phyllanthusamarus* and its growth promoting potential on the freshwater prawn *Macrobrachiumrosenbergii* post-larvae

Date of Award:2018

S. MANJULA

Title of the Thesis :*Bacillus coagulans* supplementation promotes growth in the freshwater prawn*Macrobrachiumrosenbergii* post-larvae, and identification of gut microflora using 16S rDNA

Date of Award:2018

D. ANITHA

Title of the Thesis : Supplementation of *Bacillus subtilis* for growth promotion of the freshwater prawn*Macrobrachiumrosenbergii* post-larvae, and identification gut microflora through 16S rDNA

Date of Award:2018

R. KANAGARASU

Title of the Thesis : Phytochemical characterization of *Alternantherasessilis* and its growth promoting potential on the prawn *Macrobrachiumrosenbergii* post-larvae

Date of Award:2017

M. DHANASEKARAN

Title of the Thesis :Physicochemical characteristics and zooplankton diversity in a perennial lake at Dharmapuri

Date of Award:2017

V. NARMATHA

Title of the Thesis :Effect of dietary supplementation of *Lactobacillus fermentum* on ammonia tolerance and growth promotion in the freshwater prawn *Macrobrachiumrosenbergii*post larvae

Date of Award:2016

S. UMAMAHESWARI

Title of the Thesis :Partial mt-COI gene based identification of few species of marine crabs inhabiting in the Coromandel coastal region of Tamil Nadu and their haplotypes network

Date of Award:2016

K.K. DHANALAKSHMI

Title of the Thesis :Phytochemical characterization of couch grass (*Cynodondactylon*) and its growth promoting potential on the freshwater prawn *Macrobrachiumrosenbergii* post-larvae

Date of Award:2015

S. GANTHIMATHI

Title of the Thesis :Isolation and characterization of polymers of crustacean exoskeleton, exploration of their free radicals scavenging potency and antimicrobial activity

Date of Award:2014

R. UDAYASURIYA

Title of the Thesis :DNA barcoding of few freshwater prawn species using Mt-COI gene- A scrutiny for efficient primer

Date of Award:2014

A. SELVI

Title of the Thesis :Physicochemical parameters and biodiversity of zooplankton taxa in Sular lake, Coimbatore, Tamil Nadu, India

Date of Award:2014

G. RAJKUMAR

Title of the Thesis :DNA barcoding of few marine prawn species of the coromandel coast, Tamil Nadu, India- A regional scale approach

Date of Award:2014

N. GOVINDARAJA

Title of the Thesis :Enhancing protein sparing on growth by increasing total carbohydrate level in two alternative feeds formulated with fish meal and blood meal for *Macrobrachiumrosenbergii* post larvae

Date of Award:2012

V. KIRUBHANANDHINI

Title of the Thesis :Utilization of fruits wastes as supplementary feed ingredients for the giant river prawn *Macrobrachiumrosenbergii*

Date of Award:2012

V. SRINIVASAN

Title of the Thesis :Influence of vegetable wastes supplemented feeds on growth of the freshwater prawn *Macrobrachium rosenbergii* post larvae

Date of Award:2011

T. MURALISANKAR

Title of the Thesis :Effects of herbal supplementations on the growth and biochemical aspects of the giant freshwater prawn

Macrobrachium rosenbergii post larvae

Date of Award:2011

P. AARUMUGAM

Title of the Thesis :Fruits wastes as supplementary feed ingredients for the freshwater prawn *Macrobrachium rosenbergii* post larvae

Date of Award:2011

S.V. NITHYA

Title of the Thesis :Suitability of fruits wastes as supplementary materials for maintaining post larvae of the freshwater prawn *Macrobrachium rosenbergii*.

Date of Award:2009

S. JEYANTHI

Title of the Thesis :Effects of herbal supplementation on bioenergetics and biochemical parameters of the freshwater prawn *Macrobrachium rosenbergii* post larvae

Date of Award:2009

ANNE REBECCA

Title of the Thesis :Evaluation of growth performance in *M. rosenbergii* Post larvae fed with supplemented vegetable wastes and palmolein along with regular ingredients.

Date of Award:2009

R. ARUNA DEVI

Title of the Thesis :Influence of fish pituitary extract and ovaprim on growth and maturation of ornamental fishes goldfish and koicarp

Date of Award:2009

N. KAVITHAMANI

Title of the Thesis :Growth performance of *Macrobrachiumrosenbergii* post larvae fed with sunflower oil and cod liver oil enriched *Artemianauplii*
Date of Award:2008

C. PRIYA

Title of the Thesis : Intestinal microfloral populations in the freshwater prawns *Macrobrachiumrosenbergii*.
Date of Award:2008

A. SYALINI

Title of the Thesis : Concentrations of biochemical constituents in adult male and female prawns of *Macrobrachiumrosenbergii*
Date of Award:2008

V. GAYATHRIDEVI

Title of the Thesis : Growth performance of the prawn *Macrobrachiumrosenbergii* post larvae fed with *Spirulina* and Yeast enriched *Artemianauplii*
Date of Award:2008

S. ANJALIN RUBY

Title of the Thesis : Efficacy of cereals and pulsed as feed for maintenance of the prawn *Macrobrachiumrosenbergii* post larvae
Date of Award:2008

S.H. SHEEMA

Title of the Thesis : “Stocking and Recapturing of *Macrobrachiumrosenbergii* (de Man) in MalampuzhaReservoir (Palakad, Kerala) and its impact on the Native Fish Species”
Date of Award:2008

D. SUDHA

Title of the Thesis : Assessment of median lethal concentrations for organochlorine pesticides endosulfan and lindane in the juveniles of the freshwater prawn *Macrobrachiumrosenbergii* (De Man)
Date of Award:2007

J. USHADEVI

Title of the Thesis :Acute toxicity tests for carbamate pesticides carbofuran and methomyl in the juveniles of the freshwater prawn

Macrobrachium rosenbergii (De Man)

Date of Award:2007

J. JOONU

Title of the Thesis : Bioassay for organophosphorous insecticides chlorpyrifos and monocrotophos to the juveniles of the freshwater prawn

Macrobrachium rosenbergii (De Man)

Date of Award:2007

Ongoing

Candidate Name

Title of the Thesis :

Date of Submission:

Date of Award:

Awarded

C.ARUNTHATHI

Title of the Thesis : Diversity of zooplankton in the Singanallur lake and their mass culture for rearing the giant freshwater prawn *Macrobrachium rosenbergii* early post- larvae.

Year of Award: 2019

S.ASHOK KUMAR

Title of the Thesis : Molecular identification of three terrestrial isopods by using mtCOI gene.

Year of Award: 2019

S.HEMAKANMANI

Title of the Thesis :Partial replacement of fishmeal with *Arthrospira platensis* for maintenance of the freshwater prawn *Macrobrachium rosenbergii* post-larvae.

Year of Award: 2019

K.LAVANYA

Title of the Thesis : Green synthesis of sulphur nanoparticles and its effects of the prawn *Macrobrachium rosenbergii* post- larvae.

Year of Award: 2019

P. RAGAVIKRISHNA

Title of the Thesis : Partial replacement of fishmeal with *Chlorella vulgaris* for maintenance of the freshwater prawn *Macrobrachium rosenbergii* post-larvae.

Year of Award: 2019

R.SATHYAPRIYA

Title of the Thesis : Green synthesis of calcium nanoparticles and its effects of the prawn *Macrobrachium rosenbergii* post-larvae.

Year of Award: 2019

P.SELVARANI

Title of the Thesis : The brown seaweed (*Padina gymnospora*) as a nutritional supplement for better survival, growth and enzyme activities of the freshwater prawn *Macrobrachium rosenbergii* post-larvae.

Year of Award: 2019

ARCHANA N.L

Title of the Thesis : Partial replacement of fishmeal with *Azolla pinnata* for maintenance of the fresh water prawn *Macrobrachium rosenbergii* post-larvae.

Year of Award: 2018

VEERAPANDI. A

Title of the Thesis : Enrichment of *Artemia franciscana* with Probiotic Bacterium *Enterococcus gallinarum* for enhancing the survival, growth and biochemical constituents in the freshwater prawn *Macrobrachium rosenbergii* post- larvae.

Year of Award: 2018

SARUMATHI. K

Title of the Thesis : Phytochemical Characterization of *Agaricus bisporus* and

its growth promoting potential on the freshwater prawn

Macrobrachium rosenbergii post- larvae.

Year of Award: 2018

PUVITHA.P

Title of the Thesis : Enrichment of *Artemia franciscana* with Probiotic bacterium *Enterococcus durans* for enhancing the survival, growth and biochemical constituents in the freshwater prawn *Macrobrachium rosenbergii* post- larvae..

Year of Award: 2018

NIDHIYA JOSEPH

Title of the Thesis : Phytochemical Characterization of the freshwater microalgae, *Arthrospira platensis* and its growth promoting potential on the fresh water prawn *Macrobrachium rosenbergii* post- larvae.

Year of Award: 2018

INAMUL HASAN.J

Title of the Thesis : Diversity of zooplankton in the Ukkadam lake and their mass culture for rearing the giant freshwater *Macrobrachium rosenbergii* early post- larvae

Year of Award: 2018

R. BRINDHA

Title of the Thesis : Identification of three freshwater prawn species inhabiting in Kalpathy river, Palakkad, Kerala. Using mt-COI GENE and prediction of its motif structures.

Year of Award: 2018

AISWARYALAKSHMI SASIDHARAN

Title of the Thesis : Enrichment of *Artemia franciscana* with Probiotic Bacterium *Enterococcus hirae* for enhancing the survival, growth and biochemical constituents in the fresh water prawn *Macrobrachium rosenbergii* post- larvae.

Year of Award: 2018

VISHNUPRIYA

Title of the Thesis : Evaluation of the Probiotic potential of *Bacillus subtilis* and the freshwater prawn *Macrobrachium rosenbergii*.

Year of Award: 2017

VASIMALAI

Title of the Thesis : Phytochemical Characterization of the fresh water alga, *Eichhorniacrassipes* and its growth promoting potential on the fresh water prawn *Macrobrachiumrosenbergii* post larvae.

Year of Award: 2017

SHERIN JOY THOMORAL

Title of the Thesis : Green synthesis of Chromium Nanoparticles from Potassium Dichromate using garlic extracts and its enrichment on *Artemianauplii* to feed the fresh water prawn *Macrobrachiumrosenbergii* post -larvae.

Year of Award: 2017

SANGAVI

Title of the Thesis : Evaluation of the Probiotic potential of *Bacillus coagulans* on the fresh water prawn *Macrobrachiumrosenbergii* PL.

Year of Award: 2017

RENGASAMY D.

Title of the Thesis :Phytochemical Characterization of the medicinal herb, *Argemonemexicana*, its In-vitro antibacterial activity against *Vibrio harveyi* and growth promoting potential on the fresh water prawn *Macrobrachiumrosenbergii* post -larvae.

Year of Award: 2017

NANDHINI .M

Title of the Thesis : Phytochemical Characterization of Marine brown algae *Sargassumcristaefolium* and its growth promoting potential on the fresh water prawn *Macrobrachiumrosenbergii* post -larvae.

Year of Award: 2017

IRENE MONICA J.

Title of the Thesis : Authentication of marketed frozen prawns using DNA BARCODING

Year of Award: 2017

ARUN A. AJAY

Title of the Thesis : Molecular characterization of two isopod crustacean parasites (*Nerocilaphaeopleura*) by using MT-COI GENE

Year of Award: 2017

M. SUGANYA

Title of the Thesis : Phytochemical characterization of Marine algae (*Sargassumpolycystem*) and its growth promoting potential on the freshwater prawn *Macrobrachiumrosenbergii* post larvae

Year of Award: 2016

S. SANTHOS KUMAR

Title of the Thesis : Supplementation of *Lactobacillus fermentum* for growth promotion of the freshwater prawn *Macrobrachiumrosenbergii* post larvae and identification of gut microflora through 16s rDNA technology

Year of Award: 2016

S. KOMATHI

Title of the Thesis : Synthesis of selenium nanoparticles from sodium selenite using garlic extract and its enrichment on *Artemianauplii* to feed the freshwater prawn *Macrobrachiumrosenbergii* post larvae

Year of Award: 2016

D. HEM GOWSALYA

Title of the Thesis : Supplementation of *Lactobacillus brevis* for growth promotion of the freshwater prawn *Macrobrachiumrosenbergii* post larvae and identification of gut microflora through 16s rDNA technology

Year of Award: 2016

M. GAYATHRI

Title of the Thesis : Molecular identification and characterization of few crustacean zooplankton species by MT-COI gene

Year of Award: 2016

J. MARYROSY

Title of the Thesis : Diversity of zooplanktons in Ukkdam lake and characterization of *Cyprisprotubera* (ostracoda)

Year of Award: 2015

R. KALPANA

Title of the Thesis : Diversity of zooplanktons in Sulur lake and characterization of *Cyclops vernalis* and *Mesocyclopsedax* (copepod)

Year of Award: 2015

K. NITHYA

Title of the Thesis : Diversity of zooplanktons in Muthannan lake and characterization of *Moinamicrura*(cladocera)

Year of Award: 2015

T. MAHESHMANI

Title of the Thesis : Diversity of zooplanktons in Singanallur lake and characterization of *Asplanchnaintermmedia*(rotifera)

Year of Award: 2015

UMAMAHESWARI S

Title of the Thesis : DNA barcoding of a freshwater crab

Neosarmatium asiaticum using mitochondrial cytochrome C oxidase subunit I (COI) gene

Year of Award: 2014

SARANYA K

Title of the Thesis : DNA barcoding of a freshwater crab

Barytelphusa jaquemonti using mitochondrial cytochrome C oxidase subunit I (COI) gene

Year of Award: 2014

AMIRTHA HARIDAS

Title of the Thesis : DNA barcoding of a freshwater crab

Spiralothelphusa hydroroma using mitochondrial cytochrome C oxidase subunit I (COI) gene

Year of Award: 2014

SHABEEBA M ASHRAF

Title of the Thesis : Studies on comparative in vitro peripheral blood and bone marrow micronucleus test with the effect of zoledronic acid

Year of Award: 2013

S. MOHAMMEDSIDDIQ

Title of the Thesis : Suitability of herbal seeds, *Phyllanthusemblica*, *Syzygiumcumini*, *Azadirachtaindica* and *Ricinuscommunis* as supplementary materials for better survival and growth of the *Macrobrachiummalcolmsonii*
Year of Award: 2013

T.C. ANISHA

Title of the Thesis : Effects of medicinal herbs *Foeniculumvulgare*(Perunjeerugam), *Elettariacardamomum*(Cardamomum), *Papaversomiferum*(Kasaakasa) and *Syzygiumaromaticum*(Cloves) on growth, biochemical and antioxidant parameters of *Macrobrachiummalcolmsonii*
Year of Award: 2013

T. SATGURUNATHAN

Title of the Thesis : Toxic effects of Organophosphate insecticide, Dimethoate on the giant freshwater prawn *Macrobrachiumrosenbergiipostlarvae*
Year of Award: 2012

K. PONMATHI

Title of the Thesis : Toxic effects of Organophosphate insecticide, Quinalphos on the giant freshwater prawn *Macrobrachiumrosenbergiipostlarvae*
Year of Award: 2012

R. DIVYA PRIYA

Title of the Thesis : Effect of probiotic yeast (*Saccharomycisboulardii*) on survival, growth and biochemical constituents of the freshwater prawn *Macrobrachiumrosenbergii*
Year of Award: 2012

P. DEEPTHI

Title of the Thesis : Toxic effects of pyrethroid insecticide, *Labbdacyhalothrin* on the giant freshwater prawn *Macrobrachiumrosenbergiipostlarvae*
Year of Award: 2012

C. SARANYA

Title of the Thesis : Influence of *Zingiberofficinale*, *Piper nigrum* and *Piper longum* medicinal herbs on the growth performance, biochemical

constituents and activities of digestive enzymes of
Macrobrachium rosenbergii
Year of Award: 2012

P. PARIMALA

Title of the Thesis : Nutritional indices, biochemical constituents, protein profile and digestive enzymes activities in the prawn
Macrobrachium rosenbergii fed with herbals (*Solanum xanthocarpum*,
Solanum torvum and *Phyllanthus emblica*) incorporated feeds.
Year of Award: 2012

N NANDHINI DEVI

Title of the Thesis : Influence of medicinal herbs (*Myristica fragrans*,
Quercus infectoria and *Glycyrrhiza glabra*) on growth performance, levels of digestive enzymes and biochemical constituents in the freshwater prawn
Macrobrachium rosenbergii
Year of Award: 2012

G.VINAY

Title of the Thesis : Genetic diversity study of different tomato
(*Lycopersicon esculentum*) cultivars using RAPD markers
Year of Award: 2011

G.VINAY

Title of the Thesis : A study on cancer cytogenetics: Importance of conventional cytogenetics and its limitations
Year of Award: 2011

SHILPA.T.V

Title of the Thesis : Cloning of Lec A from *Pseudomonas aeruginosa* into *E. coli* through pGEX-3X
Year of Award: 2011

MEENA BALAKRISHNAN

Title of the Thesis : Study on phylogenetics of Himalayan musk deer
(*Moschus leucogaster*)
Year of Award: 2011

K. KAVITHA

Title of the Thesis : Growth performance of *Macrobrachium malcolmsonii* post larvae with formulated feeds using cotton seed oil cake, green gram, sunflower oil and cod liver oil.

Year of Award: 2011

N. RAMASAMY

Title of the Thesis : Growth performance of *Macrobrachium malcolmsonii* post larvae with formulated feed using ground nut oil cake, red gram sun flower oil and cod liver oil.

Year of Award: 2011

M. SUMATHI

Title of the Thesis : Growth performance of *Macrobrachium malcolmsonii* post larvae fed with formulated feed using soybean meal, cow gram, sun flower oil and cod liver oil.

Year of Award: 2011

S. ANAND

Title of the Thesis : Growth performance of *Macrobrachium malcolmsonii* post larvae fed with formulated feed using gingelly oil cake (variety of black), Bengal gram, sun flower oil and cod liver oil.

Year of Award: 2011

G. DIVYA,

Title of the Thesis : Growth performance of *Macrobrachium malcolmsonii* post larvae fed with formulated feeds using sesame oil cake, horse gram, sunflower oil and cod liver oil.

Year of Award: 2011

K. VASANTH

Title of the Thesis : Analysis of DNA barcoding in *Macrobrachium rosenbergii*

Year of Award: 2010

R. VIJAYALAKSHMI

Title of the Thesis : Effects of vegetable peels on survival, growth, biochemical constituents, vitamins and digestive enzymes activity in the freshwater prawn *Macrobrachium rosenbergii* post larvae

Year of Award: 2010

S. SHANMUGAPRIYA

Title of the Thesis : Effects of fruit wastes on survival, growth, biochemical constituents, vitamins and digestive enzymes activity in the freshwater prawn *Macrobrachium rosenbergii* post larvae

Year of Award: 2010

D. MANIMEKALAI

Title of the Thesis : Effects of herbal leaves on survival, growth, biochemical constituents, vitamins and digestive enzymes activity in the freshwater prawn *Macrobrachium rosenbergii* post larvae

Year of Award: 2010

P.P. SATHISKUMAR

Title of the Thesis : Chemical and biological quality of different water samples

Year of Award: 2010

R. VIVEK

Title of the Thesis : Bioenergetics performance and biochemical composition of *Macrobrachium malcolmsonii* post larvae fed with formulated diet prepared using wheat, cow gram groundnut and soybean

Year of Award: 2009

S. RAGAJEVITHA

Title of the Thesis : Bioenergetics performance and biochemical composition of *Macrobrachium malcolmsonii* post larvae fed with formulated diet prepared using black gram, maize, coconut and soybean

Year of Award: 2009

J. REKHA

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Year of Award: 2009

G.PRAKASH

Title of the Thesis : Bioenergetics performance and biochemical composition of *Macrobrachium malcolmsonii* post larvae fed with formulated diet prepared using green gram, pearl millet, groundnut and soybean

Year of Award: 2009

P. SELVI

Title of the Thesis : Bioenergetics performance and biochemical composition of *Macrobrachium malcolmsonii* post larvae fed with formulated diet prepared using red gram, rice, coconut and soybean

Year of Award: 2009

P. MOHANA

Title of the Thesis : Bioenergetics performance and biochemical composition of *Macrobrachium malcolmsonii* post larvae fed with formulated diet prepared using Bengal gram, barley, coconut and soybean

Year of Award: 2009

S. CHAKKRAVARTHI

Title of the Thesis : Biochemical constituents in selected tissues of adult male and female crab *Geothelphusa dehaani*

Year of Award: 2009

T. SAVITHA

Title of the Thesis : Studies on protein profile in tissues of the economically important freshwater prawn *Macrobrachium malcolmsonii*

Year of Award: 2008

M. KAMALAKANNAN

Title of the Thesis : Assessment of Ground water quality parameters in and around Tirupur Town, Tamilnadu.

Year of Award: 2008

ANNE REBECCA

Title of the Thesis : Qualitative and Quantitative analysis of DNA in various tissues of the economically important freshwater prawn

Macrobrachium malcolmsonii

Year of Award: 2008

C. YEVERAJ

Title of the Thesis : Concentration of total protein in tissues of the freshwater prawn, *Macrobrachium malcolmsonii*

Year of Award: 2007

M. SANGEETHA

Title of the Thesis : Concentration of total carbohydrate in tissues of the freshwater prawn, *Macrobrachium malcolmsonii* during different growth stages

Year of Award: 2007

M. LENA

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Research Publication

- [International](#)
- [National](#)
- [Patents](#)
- [Conferences](#)
- [Books/Chapters](#)
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Reverse Chronological Order

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147. [Involvement of antioxidant defenses and NF-kB/ERK signaling in anti-inflammatory effects of pterostilbene, a natural analogue of resveratrol.](#)

T. Jayakumar, M.P. Wu, J.R. Sheu, C.W. Hsia, P.S. Bhavan, M. Manjunath, C.L. Chung & C.H. Hsia.

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