

Name : Dr.S.Venkatalakshmi
Qualification : M.Sc., M.Phil., Ph.D.,
Designation : HOD & Associate Professor
Department name : PG & Research Dept. of Zoology
Date of Birth : 03-10-1972
Date of Appointment : 23-10-1998



Contact details

Office Address : Department of Zoology Government College for Women (Autonomous) Kumbakonam.
Permanent address : No 2. "Sri Brindavan" SRI VITTAL RUKMINI SAMSTHAN Dhakshina Pandarpiuram, Govindhapuram, Kumbakonam.-612 101.
Mobile : 94426- 47313
E-mail : dr.s.venkatalakshmi@gcwk.ac.in
Specialization : Immunology, Aquaculture, Vermiculture

Research Experience

B.sc:

Comparison of lipid and sterols in different organs of fish, poultry & edible animals - Lady Doak college, Madurai - 6months.

M.sc:

Temporal changes in activities of alkaline phosphates of *Eudrilus eugeniae*. The American College, Madurai - 6months.

M.Phil:

Immuno stimulatory effect of *Ocimum sanctum* (Linn) on *Oreochromis mossambicus* (Peters). - The American college, Madurai - 1year.

Ph.D:

Immuno stimulatory effect of the microbial probiotic *Lactobacillus sporogenes* on *Oreochromis mossambicus* (Peters). - Bharathidasan University Tiruchirapalli - 3years.

Others:

Immunostimulation by leaf extract of *Ocimum sanctum* as feed on *Oreochromis mossambicus* (Peters). The American college, Madurai - 6months.

Research Guidance :

Research Guidance (No)		M.Sc	M.Phil	Ph.D
	Guided	05	01	-
	Guiding	03	-	08
	Total	08	01	08

Research Projects:

S.No	Year	Project	Title	Project Source	Amount
1	2004	UGC – Minor Research Project	Immunostimulatory effect of the microbial probiotics <u>Lactobacillus acidophilus</u> in <u>Oreochromis mossambicus</u>	UGC – New Delhi	90,000/-
2	2013	UGC – Major Research Project	Immunomodulatory effect of Cow urine in <u>Labeo rohita</u>	UGC- New Delhi	11,75,800/-

Paper Published

1. Padmapriya S.S and **S. Venkatalakshmi**, 2014. Biochemical Responses of the Fish *Cirrhinus mrigala* Exposed to Urine of Different Cow breeds, *Research Journal of Science and Technology*, 6(1):30-33.
2. Padmapriya S.S and **S. Venkatalakshmi**, 2014. Effect of varying cow urine samples on growth of fish *Cirrhinus mrigala* fingerlings (Hamilton), *International Journal of Fisheries and Aquatic Studies*. 2(2): 26-29.
3. Sattanathan G and **S. Venkatalakshmi**, 2015. The dose dependent effect of Different Concentration of Cow urine Distillate on Growth and Food utilization of *Labeo rohita* fingerlings, *International Research Journal of Life Sciences*, 2 (1), 70-76.
4. Sattanathan G and **S. Venkatalakshmi**, 2015. Efficacy of different breeds of cow urine distillate on growth and food utilization Of Indian Major Carp, *Labeo rohita* (Hamilton) Fingerlings. *Species*. 14 (46): 169-185.
5. **S. Venkatalakshmi** and J. Ebanasar, 2015. Immunostimulatory effect of *Lactobacillus sporogenes* on the nonspecific defense mechanisms of *Oreochromis mossambicus* (Peters). *International Journal of Fisheries and Aquatic Biology*. 2 (4): 362-369.
6. Durga. B, Mala. G and **S. Venkatalakshmi**, 2015. Optimization Of Concentration of *Bos indicus* Cow Urine Distillate (CUD) In *Oreochromis Mossambicus* (Peter) for Immunostimulatory Activity

7. Mala. G and **S. Venkatalakshmi**. 2015. Immunomodulatory Efficiency of Cow Urine Distillate (CUD) On Haematology of *Oreochromis Mossambicus* (Peters). Drug Discovery, 2015, 10(24), 67-75
8. Logambal. S.M and **S. Venkatalakshmi**., 2015. Study on the relative efficacy of the Indigenous Plant Extracts as Larvicide against the Mosquito *Culex uinquefasciatus*. Drug Discovery, 2015, 10(24), 84-92
9. Vasanthi P, **Venkatalakshmi S**. Comparative study on the effect of Indian and gross breed cow urine distillate on the growth & food utilization parameter of *Cirrhinus Mrigala*. Species, 2015, 13(41), 79-88
10. Mahadevi D, **Venkatalakshmi S**. Comparative study on the efficiency of vermicompost produced using cow dung of different cow breeds. Indian Journal of Science, 2015, 15(45), 34-41

Book Published: One Chapter on Immunology in Seimurai Vilangiyal Chimeera Publications.

Conference/ Seminar attended:

1. State Level Seminar on Challenges and Applications in Bioinformatics at Bharathidasan University – Trichy from 31-03-2003- 01-04-2003.
2. Participated in International Scientists Meet on Marvels of Life Science at Ponniah Ramajayam College – Thanjavur from 06.01.2003 – 07.01.2003.
3. Participated in International Scientists Meet on Marvels of Life Science at Ponniah Ramajayam College – Thanjavur from 08.01.2003 – 09.01.2003.
4. Workshop on environmental studies at BARD organized by council for College and curriculam development from 5.1.2004 to 10.1.04
5. National symposium on “Bio Informatics” at Ponniah Ramajayam College, Tanjore, during 1st and 2nd March 2005.
6. One Day Regional Workshop on Research Methodology at Holy Cross College, Trichy on 01.02.2006
7. National conference on Recent trends in Biosciences at Annai College, Kumabkonam, on 8. 2 .2007- 9.2.2007.
8. Three Day workshop on “ Curriculum Development and Evaluation “ at Govt. College For Women, Kumbakonam. During 6 -8 september 2007.
9. Two days National Symposium on new concept in Biotechnology – Organized at Dept of Biotechnology Kalasalingam University, Krishnan koil on feb 11&12, 2008.
10. Participated in the Train The Trainer Program held at Infosys Technologies, Chenai on 25th Jan to Feb 1st 2010.
11. Global Skills Enhancement Program conducted by Infosys BPO Ltd., at Infosys, Chennai from 25th Jan to 1st Feb, 2010.
12. National seminar on emerging trends and challenges in aquatic Biotechnology. Kadir mohideen College, Adirampattinam on 12th & 13th February 2011.

13. INCOBS 2nd International conference on Bioinformatics and systems Biology at Annamalai university on Feb 16th and 17th 2011.
14. Participated in two days National workshop on Statistical Analysis Biological and Biomedical Data, held in Rajah's Serfoggii Govt. College (Autonomous), Thanjavure,- 24th , 25th Jan 2012.
15. State level seminar on Impact of pollution on Biodiversity at Government Arts College (Autonomous), Kumbakonam, on 16th April 2012.
16. Participated in two days National conference in Advances in Modern Biology and Environment held at H.H. Rajah's Govt. College (Autonomous), Pudukkottai – 07th , 08th Feb 2013.
17. National level seminar on Emerging trends in Biological Research at Lady Doak College, Madurai on 11th and 12th December 2013.
18. District level Entrepreneurial seminar for Introduction & Explanation of various schemes like UYEXCP, PMEGA and NEEDS presided by District Collector on 31.01.2014.
19. One day training programme on Mushroom culture on 12.09.2015 held at Government College for Women (Autonomous), Kumbakonam, sponsored by UGC-Autogrant
20. Three days training programme in BEE KEEPING training course at Government College for Women (Autonomous), Kumbakonam, on 07.10.2015 to 09.10.2015 sponsored by UGC-Autogrant

Conference / Workshops organized:

1. Work shop on Interview skills (16-10-2008 & 17-10-2008) held at Government College for Women (Autonomous) Kumbakonam.
2. Work shop on career guidance (26-01-2009 to 28-01-2009) held at Government College for Women (Autonomous), Kumbakonam.
3. Two day workshop on Employability skills (01-04-10 – 04-04-10) the workshop sponsored by UGC, organized by the career & counseling cell, Government College for Women (Autonomous), Kumbakonam.
4. One week training on Biofertilizer production 05.04.10 to 10.04.10.
5. Three day training programme on organic farming & Live stoke management 02.04.12 to 04.04.12
6. Two days interdisciplinary workshop on mathematical Modelling in Biology using SPSS at GCWK (A), Kumbakonam, on 18th and 19th October 2013.
7. Three days training programme in BEE KEEPING training course at Government College for Women (Autonomous), Kumbakonam, on 27.02.2014 to 01.03.2014 sponsored by UGC-Autogrant.
8. Heal your Living the Corpportual way as faculty Development Programme on 16.03.2014 held at Government College for Women (Autonomous), Kumbakonam.

9. Three days training programme in BEE KEEPING training course at Government College for Women (Autonomous), Kumbakonam, on 07.08.2014 to 09.08.2014 sponsored by UGC-Autogrant.
10. Two days State Level workshop on Fish Immunotechniques held at Government College for Women (Autonomous), Kumbakonam on 19th and 20th 2014 Sponsored by UGC Auto grant.
11. One day invited lecture on Values of Indian Cows held at Government College for Women (Autonomous), Kumbakonam on 11th October 2014 sponsored by UGC Auto grant.
12. One day Seminar on Biochemistry held at Government College for Women (Autonomous), Kumbakonam on 24th Feb 2015, sponsored by UGC Auto grant.
13. Two day National Conference on Cow based sustainable rural income and Employment Generation held at Government College for Women (Autonomous), Kumbakonam on 12th and 13th March 2015 sponsored by UGC Auto grant.
14. Youth Development programme on One day programme on Arise! Awake! Youth of India, on 21.08.2015 held at Government College for Women (A), Kumbakonam
15. Faculty Development Programme on One day Seminar on creative teaching techniques 22.08.2015 held at Government College for Women (Autonomous), Kumbakonam.

Refresher and orientation Courses attended

1. **Orientation Course**
Attended orientation course At Academic Staff College
Bharathidasan University– Trichy,
2. **Refresher Course**
 - a. In Zoology – grade A at Bharathidasan University, Trichy
 - b. In biological Sciences at Bharathiyar University , Coimbatore
 - c. Principles of Translation in Preparing Text books from English
Into Regional Languages at Tamil university , Thanjavure.

Special Lecture Delivered

1. Delivered the notes on “Immunology” for National Science Day on 07.12.2006 at Dharmapuram Gnambigai Govt Arts College for Women, Mayiladuthurai.
2. Delivered the Key notes address to the B.Ed students entitled “Social Responsibility of Teachers” in K.S.K College of Education on 20.08.2013 and inaugurated the subject association.

Oral, Poster & Paper presented

1. Modulation of Humoral Immune response by Ascorbic acid in *Oreochromis mossambicus* (peters) – Presented at FIFF. 2002.
2. Immune suppression by the Textile dye, Direct blue 2B in *Oreochromis mossambicus* (peters) – Presented at FIFF.2000.
3. Immunostimulatory effect of *Ocimum sanctum* (Linn) in *Oreochromis mossambicus* (peters) presented at Center For Fresh Water Aquaculture (CIFA). 2002

4. A novel eco-friendly method for probiotic application using immobilized *Lactobacillus sporogenes* at National symposium on concepts in Recent Trends in Biotechnology at Kalasalingam University , Krishnankoil. 2011
5. Sakacin – a probable competitive inhibitor for enteric pathogens – presented at Ponniah Ramajayam College , Tanjore – Best Oral Presentation Award.2006
6. Temporal changes in alkaline phosphatase and lipid peroxidase activities in the vermicastes of *Eudrilus euginae* – presented at National symposium on Recent trends in Biosciences in Annai College, Kumbakonam. 2010
7. Eighth symposium on diseases in Asian during 21-25 Nov,2011 Organized by College of Fisheries, Mangalore & Fish Health section of Asian fisheries society.

Awards/ Honors/ Accolades:

Sakacin – a probable competitive inhibitor for enteric pathogens – presented at Ponniah Ramajayam College, Tanjavur – Best Oral Presentation Award.2006

Extension Activities:

Providing Consultancy in Organic Aquaculture, Bee keeping and Vermiculture
Others (relevant to academic activity)

- IQAC Co-Ordinator during 2014-16.
- UGC – Committee member
- NAAC – Committee member
- Research Committee member
- Youth Development Scheme Co-ordinator