

Name : Dr.A.V.Kavitha
 Qualification : M.Sc., M.Phil., Ph.D.,
 Designation : Assistant Prof. of Zoology
 Date of Birth : 20.04.1977
 Date of Appointment : 09.07.2009
Contact details
 Office address : Department of Zoology, Government College
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 Specialization : Mammalian & Fish Toxicology
 Experience : 7 years
 Research Experience



M.Phil: Effect of mercuric chloride and the influence of *Tribulus terrestris* on the Digestive system of mice, *Mus musculus*(linn).

Ph.D: The studied on the toxicity effect of mercuric chloride and the influence of *Tribulus terrestris*(Zygophyllaceae) And selenium in selected tissues of mice, *Mus musculus* (Linn).

Research Guidance:

		M.Sc	M.Phil	Ph.D
Research Guidance (No)	Guided	30	02	-
	Guiding	02	-	03
	Total	32	02	03

International Journal:

1. **Kavitha A.V.** ,and G.Jagadeesan. 2004 Influence of *Tribulus terrestris*(Linn), against Mercuriy chloride Induced Hepatic damage in Mice *Musmusculus*Tropical Biomedicine,21(1):1-7
2. Jagadeesan.G. , A.V. **Kavitha** ., and J.Subashini,2005. FT-IR Study of the Influence of *Tribulus terrestris* on Mercury Intoxicated Mice. *Musmusculus* liver.Tropical Biomedicine,22(91:15-22)
3. Jagadeesan, G.and A.V. **Kavitha.**, 2006. Recivery of Phosphatase and Transaminase Activity of Mercury Intoxicated *Mus musculus* liver tissue by

- Tribulusterrestris (Linn) (Zygophyllaceae) Extract. Tropical Biomedicine, 23 (10;45-51)
4. Paramanandham,J., P. Ronald Ross., A.V. **Kavitha.**, P.Thenmozhi., and M.Muthulingam., 2011. Effect of Mercuricchloride and the Influence of Gluthtione in Liver Tissue of Fingerlings of Fish Labeo rohita (ham) The Ecoscan., 1:53-57
 5. Paramanandham,J., P. RonaldRoss.,A.V.**Kavitha.**,P. Thenmozhi, K.S.Abbiramy, and M. Muthulingam,2012. Influence of EDTA Against Mercuric chloride Induced Biochemical Parameters in the Different organs of Fingerlings of fish Labeo rohita (ham). International Journal of Current Research,4 (03):287-289.
 6. Vinothini R, Kavitha AV. Significance of vegetable waste with vermicompost and its response on growth of lady's finger(*Abelmoschus esculentus* L.). Species, 2015, 14(45), 138-157
 7. Divya T, Kavitha AV. Significance of vegetable waste with vermicomposting and its response on growth of brinjal (*Solanummelongena* L.). Species, 2015, 14(45), 112-129

National Journals:

1. **Kavitha, A.V.** and G.Jagadeesan,2002. Influence to Tribulu terrestris Extact on Mercuric Intoxicated Stomach of Mice., *Musmusculus*(Linn)-A Histological Survey.*J.Exp.Zoo. India*, 5(2):161-166
2. **Kavitha, A.V.** and G.Jagadeesan,2002. Effect of Mercuric chloride on Oxygen Consumption of the Fingerlings of Some Freshwater fishes. Proceedings of National symposium on recent trends in Aquatic Environmet and Biodiversity if Insects, 15th and 16th February 2002, PG & Research Department of Zoology, Kongunadu Arts and Science College, Coimbatore.
3. **Kavitha, A.V.** and G.Jagadeesan,2003. In Vivo studies on the Role of Tribulusterrestris (Linn) Extract on Mercuric Intoxicated mice, *Musmusculus*. Large Intestine- A Histological Survey.*J.Exp.Zoo. India*,6(2):213-219.
4. **Kavitha, A.V.** and G.Jagadeesan,2003. Histopathological Alterations in Small Intestine of Mercuric Intoxicated Mice, , *Musmusculus* in Response to Tribulus terrestris(*Zygophyllaceae*) Extract *Pollution Research*,22(3):343-347.
5. **Kavitha, A.V.**and G.Jagadeesan,2003. Comparative Effects of Tribulusterrestris Seed Extract and selenium Oxide on Mercury toxicity in mice, *Musmusculus*(Linn). *Indian Journal of Environment and Toxicology*, 13(1):17-19.

6. **Kavitha, A.V.** and G.Jagadeesan,2004 Effect of Tribulus terrestris(Linn),.On some parts of digestive system of Mice Intoxicated with Mercuric chloride. Indian Journal.Environment Toxicology.,14(1):38-42.
7. **Kavitha, A.V.** and G.Jagadeesan, 2006. Role of Tribulus terrestris(Linn),against Mercuric chloride Induced Nephrotoxicity in Mice Musmusculus. Journal of Environmental Biology, 27(2):397-400
8. **Kavitha.A.V** and K.Vanitha,2007.Role of EDTA Against Mercuric chloride induced Hepato Toxicity in the Fingerlings of Labeo rohita (ham), Mayyr,3:34-36
9. **Kavitha, A.V.** and J.Paramanandham., 2008. Influence of EDTA Against Mercuric chloride Induced Hepatic Enzymological changes in the Fingerlings of Labeo rohita (Ham).2(2):98-101.
10. Paramanandham,J, P.Ronald Ross,, A.V.**Kavitha**, P. Thenmozhi, K.S. Abbiramy and M. Muthulingam, 2012. Effect of Hgcl2 and the Influencer of Glutathione on Histopathological Studies in Liver Tissue of Fingerlings of Fish Labeo rohita (ham). Proceeding of National Conference on Aquatic Animal Health and Management 2012. Centre of Advanced Study in Marine Biology, Faculty of Marine Sciences Annamalai University, Parangipettai, Tamilnadu.

Orientation Course

Completed the **Orientation Course** on 09.07.2009 to 05.08.2009 at UGC Academic Staff College, University of Madras.

Training Programme

Completed the **TTT Training Programme** on 15.11.2010 to 25.11.2010 conducted by Infosys BPO Ltd, Mysore, Karnataka

Refresher Course

Completed the Refresher course on Nov. 27th to Dec 17th 2015, Recent Trends in Zoology, at Academic Staff College of Madurai Kamaraj University, Madurai.

State Level Publication:

1.Paramanamdham.J.,A.V. **Kavitha**, and J. Anusuya 2008. Effect of Mercuric chloride and the Influence of EDTA in kidney Tissue fish *Labeo rohita*. Proceedings of State Level Seminar on Recent Trends in Environmental Biotechnology on 13th March, in PG & Research, Department of Zoology. Jamal Mohamed College, Tiruchirapalli.

Conference/ Seminar/ Workshop attended:

1. Studies on the *Effect of Mercuric Chloride on Oxygen Consumption* of the Fingerlings Fresh Water Fishes. A.V.Kavitha and G.Jagadeesan, National Symposium on Recent Trends in Restoration of Aquatic Environment and Biodiversity of Insects, 15th & 16th February 2002, PG and Research, Development of Zoology, Kongunadu Arts and Science College, Coimbatore
2. *Effect of mercuric chloride* followed by *Tribulus terrestris* seed extract and selenium oxide treatment on protein metabolism in selected tissues of Mice, *Mus musculus(Linn)*. **A.V.Kavitha**, G.Jagadeesan and S.Sankar Samipillai, National Seminar on Recent Trends on the study of Aquatic and Terrestrial Bio Resources 27th & 28th February 2003, Development of Zoology, Annamalai University.
3. Influence of taurine on carbohydrate metabolism of mercuric intoxicated mice, *Musmusculus(Linn)*. S.Sankar Samipillai, G .Jagadeesan and **A.V.Kavitha**, National Seminar on Recent Trends on the study of Aquatic and Terrestrial Bio Resources 27th & 28th February 2003, Development of Zoology, Annamalai University.
4. Impact of Hgcl₂ on Mice *Musmusculus(Linn)*.- A Biochemical study **A.V.Kavitha** and G.Jagadeesan, National Seminar of Trends in Environmental Geochemistry, 21st & 22nd March 2003, Department of Earth Science, Annamalai University
5. Studies on the *Effect of Mercuric chloride of dehydrogenase* Activities on Selected Tissues of *Hypothalmichthys Molitrix* Fingerlings. **A.V.Kavitha** and G.Jagadeesan, UGC Sponsored International Symposium of Freshwater Aquaculture potentials and Prospects 12th & 13th September 2003, Department of Zoology & Biotechnology A.V.V.M Sri Pushpam College (Autonomous), Poondi
6. Influence of selenium oxide against Mercuric chloride induced protein metabolism in mice *Mus musculus(Linn)*... **A.V. Kavitha**, G.Jagadeesan and J.Paramandhan.UGC Sponsored National Level Seminar on Emerging Trends in Life Sciences-2006. 24th & 25th August 2006, Department of Zoology, Bishop Heber College (Autonomous), Tiruchirappalli.
7. Protein and carbohydrate level of mercury intoxicated fish *Labeo rohita (Ham)* muscle tissue in response to EDTA.J. Paramanandham., **A.V. Kavitha**, and.D. Kokila. National Seminar on current Trends in Environment and Biosafety, 8th and 9th March 2008, Department of Zoology, Annamali University.
8. Workshop on Museum Techniques held in Dept.of Zoology, A.V.C. College (Autonomous), Mannampandal during 11th to 12th October 2007.

9. UGC aided workshop on Use Computers in Statistical analysis in Department of Economics and Research and Development Cell, A.V.C. College (Autonomous), Mannampandal during 23rd and 24th February 2008.
10. UGC Aided workshop on Office Automation Tools in Department of computer science and Development Cell., A.V.C.College (Autonomous), Mannampandal during 1st to 2nd March 2008
11. Participated in Two days Seminar on Immunology & Immunotechnology held at Department of Microbiology, Bharathidasan University, Trichy – 24, 8th and 9th October 2009. Sponsored by Indian Immunology Society.
12. Participated in Two days Workshop on Immunology & Immunotechnology held at Department of zoology, Govt. Arts College for Women (A), Pudukottai 18th and 19th December 2009. Sponsored by Indian Immunology Society
13. Participated in one day Workshop on Advanced Molecular techniques in Biology, held at Govt. Arts College for Women (A), Pudukottai.
14. 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.
15. Heal your Living the Corporeal way as faculty Development Programme on 16.03.2014 held at Government College for Women (Autonomous), Kumbakonam.
16. 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.
17. One day invited lecture on Cow based Economy held at Government College for Women (Autonomous), Kumbakonam on 11th October 2014 sponsored by UGC Auto grant.
18. One day Seminar on Biochemistry held at Government College for Women (Autonomous), Kumbakonam on 24th Feb 2015, sponsored by UGC Auto grant.
19. Faculty Development Programme on One day Seminar on creative teaching techniques 22.08.2015 held at Government College for Women (Autonomous), Kumbakonam.
20. One day training programme on Mushroom culture on 12.09.2015 held at Government College for Women (Autonomous), Kumbakonam, sponsored by UGC-Autogrant

21. 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 :

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.

Extension Activities

- YRC co- coordinator in 2011- 2012
- Fine arts Staff in charge in 2013-2014
- Providing consultancy in Organic Aquaculture,bee keeping and Vermiculture

Membership in academic:

- Co- coordinator of CONSUMER FORUM in 2014- till
- Student welfare committee member
- Departmental Research Committee member

Professional bodies:

Doctoral Committee member in (2015 onwards) PG & Research Dept. of Zoology, K.N Govt. College for Women (A), Thanjavur.