

ABBIRAMY. K.S., M.Sc., M.Phil., PGDY., Ph.D

Assistant Professor,

Department of Zoology & Wildlife Biology,

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EDUCATIONAL QUALIFICATIONS

Degree	Subject	University/ College/ School	Year of passing	% Secured
Ph.D.	Environmental Biotechnology	Annamalai University		Highly Commended
M.Phil.,	Zoology	Annamalai University	2008	65
P.G.Diploma in Yoga.,	Yoga	Annamalai University	2007	65.5
M.Sc.,	Environmental Biotechnology	Sri Paramakalyani Centre for Environmental studies	2000	76.67
B.Sc.,	Zoology	Sri Paramakalyani College	1998	73.5
Higher Secondary	Maths, Biology	Amali Girls Higher Secondary School	1995	73.08
NPTEL Online Certification Course	Bioreactors	IIT & IISc	2018	56%
NPTEL Online Certification Course	Human Molecular Genetics	IIT & IISc	2018	49%
NPTEL Online Certification Course	Functional Genomics	IIT & IISc	2018	67%

PROJECT DETAILS

➤ **Ph.D**

Project Title: Validation of coir pith incorporated artificial soil through ecotoxicity studies on *Eisenia fetida* against inorganic fertilizers urea, super phosphate and potash.

Result and Conclusion: Coir pith suits better than sphagnum peat for ecotoxicological studies in tropical regions.

Guide: Dr. P. Ronald Ross, Assistant Professor, Zoology Wing, Annamalai University, Annamalainagar.

➤ **M.Phil.,**

Project Title: Vermicomposting of Coir pith using chosen species of earthworms and its Performance Evaluation.

Guide: Dr. P. Ronald Ross, Assistant Professor, Zoology Wing, Annamalai University, Annamalainagar.

➤ **M.Sc.,**

Project Title: Comparative studies on biodegradation of two different organic wastes by mushroom cultivation and utilization of spent waste for vermiculture.

Guide: Dr. G. S. Vijayalakshmi (Retd.), Reader, Sri Parama Kalyani Centre for Environmental Sciences, Manonmaniam Sundaranar University, Alwarkurichi.

Project sponsor: Tamil Nadu State Council for Science and Technology.
Secured 83% marks in M.Sc. dissertation project

CURRENT POSITION

Working currently as **Assistant Professor (Temporary), Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal-609305, Mayiladuthurai, Tamilnadu, India.**

Got **Qualification approval** from Bharathidasan University for working as Assistant Professor under the affiliated colleges.

RESPONSIBILITIES

In AVC College (Autonomous), Mannampandal, Mayiladuthurai, India

1. Member of **NAAC Committee** of Zoology & Wildlife Biology department during 2019 and working on Criteria II
2. **Member of Board of studies** held at the Department of Zoology and Wildlife Biology, A.V.C. College for the Syllabus revision for II M.Sc Zoology and Wildlife Biology courses held on April 4, 2019.
3. Member of **Autonomy Review Committee** of Zoology & Wildlife Biology department during 2016 and worked in completing the Criteria II
4. Member in **NIRF Committee** of Zoology & Wildlife Biology department during 2016 – 2017 academic year and worked under criteria II

5. **Co-opted member of Board of studies** held at the Department of Zoology and Wildlife Biology, A.V.C. College for the Syllabus revision for III B.Sc Zoology course held on March 23, 2017.
6. Member in the **Stock Verification Committee** of Zoology & Wildlife Biology department
7. **Co-opted member of Board of studies** held at the Department of Zoology and Wildlife Biology, A.V.C. College for the Syllabus revision for I year PG courses (M.Sc Zoology and Wildlife Biology) held on April 13, 2018.
8. As a member of Dept of Zoology, performed various activities in different committees such as invitation committee, catering committee, stage committee, etc., from 2016 onwards till date.
9. Performing admission duties (counseling and admission) for UG and PG admissions in the college.

CLASSES HANDLING

Total hours – 20 (Theory – 12 and Practical – 8 hours)

1. For M.Sc., (Zoology) - Research Methodology and Biotechniques, Genetics, Microbiology, Biotechnology and Bioinformatics, Environmental Biology, Ecology, Animal physiology, Developmental Biology and Immunology, Functional Morphology of Invertebrates and Chordates, Cell and Molecular Biology, Biochemistry and Biophysics and Vermitechnology
2. For M.Sc., (Microbiology) – Clinical Biochemistry
3. For Allied Zoology – Invertebrates, Chordates, Developmental Biology and Immunology, Biochemistry and Biophysics and Vermitechnology
4. Practical handled for both UG and PG classes

ACADEMIC RESEARCH SUPERVISION

M.Sc Dissertation submitted

During the academic year 2016-2017

M.Mahalakshmi, (P158883). Ecotoxicological studies of profenofos on the earthworm, *Eisenia fetida* (Savigny).

During the academic year 2017-2018

Vinitha, V. (P168884). Impact of the Insecticide Monocrotophos on the earthworm *Eisenia fetida* (Savigny).

Sangeetha, G. (P168881). Study on chronic toxicity of Profenofos on the earthworm *Eisenia fetida* (Savigny).

Monisha, M. (P168879). Abundance and dietary composition of three striped squirrel (*Fanambulus falciparam*) in Kesingan village, Mayiladuthurai thaluk, Tamil Nadu, India.

During the academic year 2018-2019

V. Sindhu. (P178881). Analysis of genetic diversity in Earthworms genetic markers

S. Thiripurasundari. (P178884). DNA Barcoding of chosen earthworm species

PUBLICATIONS

Book-1; Chapter – 1; Articles - 31; Abstracts - 17:

Total Impact Score Earned: SJIF - 44.408; TR - 0.76

S.No	Publication	International	National	State Level
1	Book	1	---	
2	Book Chapter	1	---	
3	Proceeding Reviewed and Edited	1	---	
4	Papers in Reputed Journals*	23	3	
5	Papers in Conference Proceedings	3	2	
6	Abstracts Published in Conferences & Seminars	4	12	1

CITATION INDICES (Based on googlescholar; as on 30-04-2019)

Citation indices	All	Since 2012
Citations	41	41
<i>h</i> -index	4	4
<i>i10</i> -index	0	0

LIST OF PUBLICATIONS

BOOK PUBLISHED

Title – Basic Concepts of Vermitechnology

Moorthi, M., **Abbiramy, K. S.**, & Senthil Kumar. A. (2017). Basic Concepts of Vermitechnology. Bharathi Digital Printers, Mayiladuthurai pp 147.

ISBN No: 978-93-5281-631-6 (Got in the name of Abbiramy, K. S). (Self Published by Authors on 5th September. Compiling, Editing, Alignment and getting ISBN was done by me, Basic data collected by Dr. Moorthi and Publishing help was done by Dr. Senthil Kumar)

*A book entitled “**Effects of NPK fertilizers on Earthworms**” is under construction.

CHAPTER PUBLISHED

Moorthi, M., **Abbiramy, K. S.**, Senthil Kumar. A. & K. Nagarajan. (2017). **Vermitechnology – An Eco-biological tool for Sustainable Environment**, In: Biotechnology for Sustainability: Achievements, Challenges and Perspectives, Editors: Subhash J Bhore, K. Marimuthu, & M. Ravichandran, Department of Biotechnology, Faculty of Applied Sciences, AIMST University, MALAYSIA, 14 – 51, 534pp published on 18th July, 2017 with ISBN: 978-967-14475-3-6; eISBN: 978-967-14475-2-9.

INTERNATIONAL JOURNALS

1. **Abbiramy, K. S.**, Vinitha, V., Sangeetha, G., & Monisha, M. (2018). Monocrotophos, its toxic effect (dermal) on *Eisenia fetida* (Savigny). Toxicology and Environmental Health Science (**Springer Publication**), 10 (5): 330-335. DOI: 10.1007/s13530-018-0381-1
2. Chitrapriya, K., **Abbiramy, K.S.**, Viswanathan, K. & Asokan, S. (2018). Comparative study of physico-chemical parameters of different vermicomposted substrates produced by two different earthworm species. Advances in Applied Research, 10 (2): 82-87. DOI: 10.5958/2349-2104.2018.00013.X. **Impact factor – 0.636 (SCI 2012)**
3. **Abbiramy, K. S.**, Ronald Ross, P., Moorthi, M. & Chitrapriya, K. (2018). EC₅₀ of NPK fertilizers on *Eisenia fetida* (Savigny) by Avoidance Behavioral Test. Res. J. Chem. Env. Sci. Vol 6[4]: 48-53. ISSN 2321-1040. **Impact factor: 4.64 (NAAS 2018)**.
4. Moorthi, M., **Abbiramy, K. S.**, Senthil Kumar. A. Chitrapriya, K. & K. Nagarajan. (2018). Vermicomposting of Distillery Sludge waste with Tea Leaf Residue. Sustainable Environment Research, 28: 223-227 (**Elsevier Journal**). ISSN: 2468-2039. doi.org/10.1016/j.serj.2018.02.002 **Impact factor – 0.534 (SNIP 2018)**.
5. **Abbiramy, K. S.**, & Ronald Ross, P. (2016). Avoidance behavioural test with earthworm, *Eisenia fetida* exposed to the fertilizer, potash on OECD soil. International Journal of Contemporary Research and Review, 7(12): 20250-20255. ISSN: 0976-4852. <http://dx.doi.org/10.15520/ijcrr/2016/7/12/74>
6. **Abbiramy, K. S.**, Thiripurasundari, S., & Asokan, S. (2016). Heavy metal contamination in Arasalar River of Karaikal region, Puducherry, India. International Journal of Trend in Research and Development, 3(6): 678 – 682. ISSN: 2394-9333.
7. **Abbiramy, K. S.**, Ronald Ross, P., & Paramanandham, J. (2014). Validation of tropical artificial soil by chronic toxicity studies on *Eisenia fetida* against superphosphate. Letters of Natural Sciences, 8: 31 - 40. ISSN: 2300-9675.
8. **Abbiramy, K. S.**, & Ronald Ross, P. (2014). Validation of tropical artificial soil by acute toxicity studies on *Eisenia fetida* against superphosphate. Research Journal of Chemical and Environmental Sciences, 2(1): 29 - 35. E-ISSN: 2321-1040, **Impact factor: 4.64 (NAAS 2018)**.
9. **Abbiramy, K. S.**, & Ronald Ross, P. (2013). Determination of acute toxicity of urea to *Eisenia fetida* using a simple paper contact method. International Journal of Science, Environment and Technology, 2(5): 886-891. ISSN:2278 3687(O). **Impact factor: 3.98 (NAAS 2018)**

10. **Abbiramy, K. S.,** Ronald Ross, P., & Paramanandham, J. **(2013)**. Validation of Tropical Artificial Soil by Ecotoxicological effect of Potash on *Eisenia fetida*. *Research and Review Journal of Ecology*, 2(2): 15-23. ISSN: 2278-2230. **Impact factor: 3.573 (SJIF 2013)**.
11. **Abbiramy, K. S.,** & Ronald Ross, P. **(2013)**. Validation of tropical artificial soil by ecotoxicological studies on *Eisenia fetida* against combined NPK fertilizers. *International Journal of Innovative Research and Studies*, 2(7): 212 - 227. ISSN: 2319 - 9725.
12. **Abbiramy, K. S.,** Ronald Ross, P., & Paramanandham, J. **(2013)**. Assessment of acute toxicity of superphosphate to *Eisenia fetida* using paper contact method. *Asian Journal of Plant Science and Research*. 3(2): 112-115. ISSN:0976-8610. **Impact factor: 5.001 (SJIF 2013)**.
13. **Abbiramy, K. S.,** & Ronald Ross, P. **(2013)**. Determination of acute toxicity of NPK fertilizers to *Eisenia fetida* using a simple paper contact method. *International Journal of Scientific Research*, 2(2): 145-147. ISSN:2277-8179. **Impact Factor: 7.296 (SJIF 2017)**.
14. **Abbiramy, K. S.,** & Ronald Ross, P. **(2012)**. Determination of acute toxicity of potash to *Eisenia fetida* by a simple paper contact method. *Annals of Biological Research*, 3 (12): 5714-5717. ISSN: 0976-1233. **Impact Factor: 4.132 (SJIF 2016)**.
15. **Abbiramy, K. S.,** Ronald Ross, P., Paramanandham, J. Thenmozhi, P., & Muthulingam, M. **(2012)**. Efficacy of vermicomposted coir pith on the growth of *Abelmoschus esculentus*. *International Journal of Environmental Biology*, 2(3): 153-155. ISSN: 2277-386X.
16. **Abbiramy, K. S.,** & Ronald Ross, P. **(2012)**. Reutilization of Spent waste of Mushroom Industries for vermiculture. *International Journal of Research in Biological Sciences*, 2(3): 120-123. ISSN: 2249-9687. **Impact Factor: 3.583 (SJIF 2013)**
17. **Abbiramy, K. S.,** Ronald Ross, P., Thenmozhi, P., Muthulingam, M., Paramanandham, J., & Manoharan, V. **(2012)**. Validation of modified tropical artificial soil by ecotoxicological studies on *Eisenia fetida*. *International Journal of Development Research*, 2(5): 1051- 1056. ISSN: 2230-9926. **Impact Factor: 4.753 (SJIF 2016)**.
18. **Abbiramy, K. S.,** Ronald Ross, P., Thenmozhi, P., Muthulingam, M & Paramanandham, J. **(2012)**. Efficacy of vermicomposted coir pith on the growth physiology of *Abelmoschus esculentus*. *Journal of Scientific Transactions in Environment and Technovations*, 6(1): 19-29. ISSN: 0973-9157. **Impact Factor: 4.088 (SJIF 2013)**.
19. Paramanandham, J., Ronald Ross, P., **Abbiramy, K. S.,** & Muthulingam, M. **(2014)**. Studies on the Moisture Retention Capacity of Coir Pith, as a Function of Time. *International Journal of ChemTech Research*, 6 (12): 5049-5052. ISSN: 0974-4290.
20. Paramanandham, J., Ronald Ross, P., Thenmozhi, P., **Abbiramy, K.S.,** & Muthulingam, M. **(2012)**. Determination of physico-chemical properties of coir pith in relation to particle size suitable for potting medium. *International Journal of Research in Environmental Science and Technology*, 2(2): 45- 47. ISSN: 2249- 9695.

21. Paramanandham, J., Ronald Ross, P., Kavitha, A. V., Thenmozhi, P., **Abbiramy, K. S** & Muthulingam, M. (2011). 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(3): 287- 289. ISSN: 0975-833X. **Impact Factor: 7.086 (SJIF 2016)**.
22. Paramanandham, J., Ronald Ross, P., Vaidehi, J., & **Abbiramy, K. S.** (2013). Influence of sequential washing on the pH and electrical conductivity of graded coir pith. *International Journal of Pure and Applied Zoology*, 1(3), 231-234. ISSN: 2320-9585.
23. **Abbiramy, K. S**, Vinitha, V, Sangeetha, G and Monisha, M. (2018). Monocrotophos, its toxic effect (dermal) on *Eisenia fetida* (Savigny). Toxicology and Environmental Health Sciences (Under Review). ISSN: 2233-7784. Scimago impact factor – 0.194

NATIONAL JOURNALS

24. **Abbiramy, K. S.**, Ronald Ross, P., & Paramanandham, J. (2015). Degradation of Tea factory Waste by Mushroom Cultivation and Vermicomposting. *Journal of Environmental Science and Engineering (NEERI)*, 57(2), 126-130. **Impact factor – 0.11 (TR 2016)**
25. **Abbiramy, K. S.**, Ronald Ross, P., Paramanandham, J. & Thenmozhi, P. (2014). Use of Tropical Artificial Soil as a new substrate for Avoidance Behaviour Test of earthworm, *Eisenia Foetida* exposed to urea. *Journal of Environmental Biology*, 5(1): 205-210. ISSN: 0254-8704. **Impact factor 6.70 (NAAS 2018)**.
26. Chitrapriya, K., **Abbiramy, K. S.**, Viswanathan, K. & Asokan, S. (2018). Comparative analysis on physico-chemical parameters of different vermicomposted substrates prepared by two different earthworms. *Advances in Applied Research* (Accepted). ISSN: 0974-3839. **Impact factor 3.22 (NAAS 2018)**.

PROCEEDINGS OF INTERNATIONAL CONFERENCES

27. **Abbiramy, K. S.**, & Ronald Ross, P. (2018). Avoidance Behavioural Test on OECD soil with *Eisenia fetida* exposed to superphosphate. Proceeding of "International Conference on Current Challenges for Conservation of Biodiversity" conducted by PG & Research Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal on 16-18th February 2017 (Inpress, Is to be published with ISBN).
28. **Abbiramy, K. S.**, Ronald Ross, P., & Paramanandham, J. (2012). Studies on Influence of Feed Ratios on Vermicasting activity of ecologically different Earthworms. *Proceeding of International Conference on "Science and Technology for Clean and Green Environment"*, 27–30. ISBN: 978-93-80174-05-1.
29. Paramanandham, J., Ronald Ross, P., & **Abbiramy, K. S.** (2012). Comparative Investigation on the nutrient Status of two Vermicomposted Organic Wastes by *Eisenia fetida*. *Proceeding of International Conference on "Science and Technology for Clean and Green Environment"*, 396 – 397. ISBN: 978-93-80174-05-1

PROCEEDINGS OF NATIONAL CONFERENCES

30. Paramanandham, J., Ronald Ross, P., Kavitha, A. V., **Abbiramy, K. S.** & Muthulingam, M. (2012). Effect of Mercuric chloride and the influence of Glutathione on Histopathological studies in liver tissue of fingerlings of the fish, *Labeo rohita* (Hamilton). *Proceedings of "DST and DBT Sponsored National Conference on Aquatic Animal Health and Management"*, 79 – 81. **ISBN: 978-93-5087367-2.**
31. **Abbiramy, K. S.**, & Ronald Ross, P. (2011). Recycling of Coir pith by two Earthworm Species using Different Feed Ratios, *Advances in Environmental Research: An Interdisciplinary Approach*, 280-283.
32. Couple of papers under construction.

ABSTRACT PUBLISHED

1. **Thiripurasundari, S., Selvakumar, T and Abbiramy, K. S. (2019).** Efficacy of modified Panchagavya on the growth of fish, *Anabus testudineus* in the state level Seminar on "Recent trends in advanced biosciences on 9th January organized by PG & Research department of zoology, Poompuhar college (autonomous), Melaiyur
2. **Abbiramy, K. S.**, Sangeetha, G., Vinitha, V. & Monisha, M. (2018). Chronic toxicity of Profenofos on *Eisenia fetida* (Savigny) in the National Conference on "Interdisciplinary Interaction on Recent Innovations and Prospects of Phytopharmaceuticals" conducted by PG & Research Department of Pharmacy, Biotechnology and Biochemistry and Zoology, Annamalai University, Annamalainagar on 26th to 27th October, 2018.
3. **Abbiramy, K. S.**, Vinitha, V., Chitrapriya, K., Sangeetha, G., & Monisha, M. (2017). Monocrotophos, its toxic effect (dermal) on *Eisenia fetida* (Savigny) on National Zoology Congress conducted by PG & Research Department of Zoology, St. Xavier's College, Palayamkottai on 10th to 12th January, 2018.
4. **Abbiramy, K. S.**, Ronald Ross, P., & Moorthi, M. (2017). EC₅₀ of NPK fertilizers on *Eisenia fetida* by Avoidance Behavioural Test in National Conference on Healthcare and Biotechnology In India: Emerging Trends and Challenges, conducted by PG & Research Department of Zoology and Biotechnology, A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 613503, on 17th and 18th August, 2017.
5. Vinitha, V., **Abbiramy, K. S.**, Sangeetha, G., & Monisha, M. (2017). Vermicompost production using saw-dust as substrate in different methods in National Conference on Healthcare and Biotechnology In India: Emerging Trends and Challenges, conducted by PG & Research Department of Zoology and Biotechnology, A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 613503, on 17th and 18th August, 2017.
6. Chitrapriya, K., Asokan, K., Moorthi, M., & **Abbiramy, K.S.** (2017). Vermicompost production using saw-dust as substrate in different methods in National Conference on Healthcare and Biotechnology In India: Emerging Trends and Challenges, conducted by PG & Research Department of Zoology and Biotechnology, A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 613503, on 17th and 18th August, 2017.
7. **Abbiramy, K. S.**, Ronald Ross, P., & Moorthi, M. (2017). Avoidance Behavioural Test on OECD soil with *Eisenia fetida* exposed to

superphosphate, in International Conference on Current Challenges in Conservation of Biodiversity, organized by PG and Research Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal on 16-18th February 2017. ISBN: 938444623-8.

8. Thiripurasundari, S., **Abbiramy, K. S.**, & Asokan, S. (2017). Physical characteristics of Arasalar River of Karaikal region, Puducherry, India in International Conference on Current Challenges in Conservation of Biodiversity, organized by PG and Research Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal on 16-18th February 2017. ISBN: 938444623-8.
9. **Abbiramy, K. S.**, & Ronald Ross, P. (2016). Avoidance Behavioural Test on OECD soil with *Eisenia fetida* exposed to Potash, in the National Conference on New Biological Researches: opportunities and Challenges for Sustainable Development, organized by National Academy of Biological Sciences at Madurai Kamaraj University on 11th and 12th August, 2016.
10. **Abbiramy, K. S.**, Ronald Ross, P., Muthulingam. M. & Manivannan, S. (2015). Avoidance Behavioural Test with Earthworm, *Eisenia fetida* exposed to the fertilizer, Superphosphate on a newly developed Tropical Artificial Soil National conference on "Innovations in Environmental Research and Education", conducted on 20th and 21st of March 2015 by Zoology Wing, Annamalai University, Annamalainagar.
11. **Abbiramy, K. S.** and P. Ronald Ross. (2012). Recycling of Sorghum straw by Mushroom Cultivation and utilizing the spent waste for Vermiculture, in the National Conference on "Marine Fish and Shellfish Immunology and Immunotechnology" on 30th and 31st March 2012, organized by CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai.
12. **Abbiramy, K. S.** and P. Ronald Ross. (2012). Reutilization of spent waste of Mushroom Industry for Vermiculture, in the National Conference on "Environment, Biodiversity and Bioethics- Current Trends and Future Perspectives" on 23rd and 24th March 2012, organized by Department of Zoology, Annamalai University, Annamalainagar.
13. **Abbiramy, K. S.** and P. Ronald Ross. (2012). Degradation of Industrial Tea Waste by mushroom cultivation and utilization of spent waste for vermicomposting, in the International Conference on "NATIONAL CONFERENCE ON FRONTIER AREAS IN APPLIED ZOOLOGY" organized by the department of Zoology, Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi on 15th – 17th March, 2012
14. **Abbiramy, K. S.**, & Ronald Ross, P. (2011). Vermi Biotechnology of solid waste components and its performance evaluation, in the National Conference on "Advances in Environmental Research: An Interdisciplinary Approach" on 11th and 12th March 2011, organized by Department of Zoology, Annamalai University, Annamalainagar.

15. **Abbiramy, K. S.,** & Ronald Ross, P. (2011). The validation of modified tropical artificial soil by ecotoxicological studies on *Eisenia fetida*, in the International Symposium on "Environmental Risk Assessment" on 17-19 October 2011, organized by Department of Zoology, Bharathiar University, Coimbatore.
16. **Abbiramy, K. S.,** & Ronald Ross, P. (2011). Management of the Solid Waste, Coir pith by Vermitechnology in the National Seminar on "Environmental Awareness and Research for Sustainable Development" on 20th & 21st August 2010, organized by Zoology Wing, Annamalai University, Annamalainagar.
17. **Abbiramy, K. S.** and P. Ronald Ross. (2010). Vermicomposting of Coir pith using chosen species of earthworms and its performance evaluation, in the National Seminar "Environmental Awareness and Research for Sustainable Development" on 20th and 21st August 2010, organized by Zoology Wing, Annamalai University, Annamalainagar.

ORAL PRESENTATIONS ON SEMINARS AND CONFERENCES

Institution	Seminars/ Conferences	Title	Date
Annamalai University	National Conference "Interdisciplinary Interaction on Recent Innovations and Prospects of Phytopharmaceuticals	Chronic toxicity of Profenofos on the earthworm, <i>Eisenia fetida</i> (Savigny)	26 th to 27 th October, 2018
St. Xavier's College	Zoology Congress	Monocrotophos, its toxic effect (dermal) on <i>Eisenia fetida</i> (Savigny)	10 th to 12 th January, 2018
Sri Pushpam College (Autonomous), Poondi	Healthcare and Biotechnology In India: Emerging Trends and Challenges	EC ₅₀ of NPK fertilizers on <i>Eisenia fetida</i> by Avoidance Behavioural Test	17 th and 18 th August, 2017
A.V.C. College, Mayiladuthurai.	International Conference on Current Challenges in Conservation of Biodiversity	Avoidance Behavioural Test on OECD soil with <i>Eisenia fetida</i> exposed to superphosphate	16 th to 18 th February, 2017
Annamalai University, Chidambaram.	International Conference on "Science and Technology for Clean	Studies on Influence of Feed Ratios on Vermicasting activity of Ecologically	27 th and 28 th July, 2012

	and Green Environment" 2012	different Earthworms	
Annamalai University, Parangipettai.	National Conference on "Marine Fish and Shellfish Immunology and Immunotechnology" 2012	Recycling of Sorghum waste by Mushroom Cultivation and Utilization of Spent waste for Vermiculture	30 th and 31 st Mar, 2012
Annamalai University, Chidambaram.	National Conference on "Environment, Biodiversity and Bioethics - Current Trends and Future Perspectives - 2012"	Reutilization of Spent waste of Mushroom Industries for Vermiculture	23 th and 24 th Mar, 2012
Bharathiyar University, Coimbatore.	International Symposium on Environmental Risk Assessment 2011 (ISERA 2011)	The Validation of Modified Tropical Artificial Soil by Ecotoxicological Studies on <i>E. fetida</i>	17 th to 19 th Oct, 2011
Annamalai University, Chidambaram.	UGC Sponsored National Conference on "Advances in Environmental Research: An Interdisciplinary Approaches 2011	Vermibiotechnology of Solid Waste Components and its Performance Evaluation	11 th & 12 th Mar, 2011
Annamalai University, Chidambaram.	National Seminar on "Environmental Awareness and Research for Sustainable Development" 2010	Management of the Solid Waste, Coir pith by Vermitechnology	20 th & 21 st Aug, 2010
Thiagarajar College of Engineering, Madurai.	TNSCST Sponsored "State Level Seminar on Sponsored Student Projects"- 2000	"Comparative studies on biodegradation of two different organic wastes by mushroom cultivation and utilization of spent waste for vermiculture"	14 th & 15 th July, 2000

ACTIVE PARTICIPATIONS

- Enrolled on online certificate course "**Functional Genomics**" conducted by NPTEL (IITs and IISc) under the discipline "Biotechnology" offered by Madras IIT, 2018.
- Attended National workshop on "**Essential Statistics for Data Analysis**" conducted by College of Fisheries Engineering, Tamil nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam on 25th April 2018.
- Attended National workshop on "**Computational Biology and its Application**" conducted by Department of Zoology, Government College for Women (Autonomous), Kumbakonam held on February 8th and 9th 2018.
- Attended National workshop on "**Recent Trends in Bio-Virtual Labs**" conducted by Department of Zoology, Government College for Women (Autonomous), Kumbakonam held on January 24th 2018.
- Completed online certificate course "**Human Molecular Genetics**" conducted by NPTEL (IITs and IISc) under the discipline "Biotechnology" offered by Kanpur IIT, 2018.
- Completed online certificate course "**Bioreactors**" conducted by NPTEL (IITs and IISc) under the discipline "Biotechnology" offered by Madras IIT, 2018.
- Attended National workshop on "**Statistical Analysis for Engineers**" conducted by College of Fisheries Engineering, Tamilnadu Fisheries University, Nagapattinam held on December 22nd 2017.
- Participated in Training program on "**Application of Molecular Markers in Fisheries and Aquaculture**" organized by Central Aquaculture Genetics Laboratory, Rajiv Gandhi Centre for Aquaculture on 29th and 30th November, 2017.
- Participated in Training program on "**Aquaculture Disease Diagnosis using PCR**" organized by Central Aquaculture Pathology Laboratory, Rajiv Gandhi Centre for Aquaculture on 27th and 28th November, 2017.
- Attended State level workshop on "**Vermicomposting Technology**" conducted by PG & Research Department of Zoology, Dharmapuram Gnanambigai Government Arts College for Women on 3rd October 2017.
- Acted as **Resource Person** and presented a lecture on "**EC₅₀ of NPK fertilizers on *Eisenia fetida* by Avoidance Behavioural Test**" on a National Conference Healthcare and Biotechnology In India: Emerging Trends and Challenges organized by Sri Pushpam College (Autonomous), Poondi on 17th and 18th August, 2017.
- Attended National workshop under Science Academic's Education Programmes, Lecture workshop in Botany on "**Perspectives of Biological Research**" conducted by Department of Botany, A.V.C.College (Autonomous), Mayiladuthurai on 23rd and 24th of January, 2017
- Attended a state level Workshop on "Organic farming Production (**An Entrepreneurship programme**)" conducted by Department of Microbiology, Jamal Mohammed College (Autonomous), Triruchirapalli on 27th and 28th of January, 2017
- Attended **Webinar** conducted by **Current Protocols, The Fine art of Experimentation** on 15th **September, 2016**, on the topic "**Plant Genome Editing and Engineering**" Presented by James Birchler Ph.D, University of Missouri and Daniel Voytas Ph.D, University of Minnesota.

- Attended **Webminar** conducted by **Elsevier Publishing Campus** on **30th October, 2014**, on the topic **"Ways to get your Paper noticed"** Presented by Manon Burger, Marketing Communications Project Manager.
- Reviewed a manuscript for the international journal, **"Environmental Toxicology and Chemistry"** and submitted the comments for a manuscript.
- Attended one day seminar on **"Recent trends in Analytical Techniques for Environmental Analysis and Monitoring"** (CSIR sponsor) organized by Division of Chemistry, School of Advanced Sciences, VIT Chennai on 20th July, 2013.
- Attended a **three day workshop** on **"Current Trends and Techniques in Environmental Toxicology"** at Annamalai University, Chidambaram during **23rd to 25th February 2012**.
- Participated in the two days Faculty Development Program on **"Academic Research Writing"** organized by the Department of Business Administration, Annamalai University during 8th and 9th of March, 2012.
- Participated in **"International Conference on Bioinformatics and Systems Biology", INCOBS -2011** on 16th and 17st of February, 2011 conducted by the Department of Zoology, Zoology Wing, Annamalai University.
- Attended National Workshop on **"Academy-Industry Meet To Upgrade Herbal Medicine" AIMHM-2011**, conducted by Department of Biochemistry and Biotechnology, Annamalai University (Ayush, MoES & UGC Sponsored) on 8th August, 2011.
- Attended a **two day workshop** in Holy Cross College, Trichy on **"X- Ray Crystallography"** during **25th to 26th August 2011**.
- Attended a **two day workshop** on **"Renewable Energy Sources"** at Vivekanandapuram, Kanyakumari, on **21st and 22nd January 1998**.

LEADERSHIP & ORGANIZING

➤ **As a Representative in College**

Elected as the **SECRETARY of the Students Union** through an election process in the year 1997 - 1998 by the student body (Strength of 2200 Students), Sri Paramakalyani College, Alwarkurichi.

➤ **Achievements**

✓ Abstract accepted for poster presentation in the conference, "Environmental Health" conducted by **Elsevier** on 3rd to 6th march, 2013 at **Boston, USA** on the topic, "Determination of acute toxicity of potash to *Eisenia foetida* using a simple paper contact".

✓ Worked as **Editorial Member** for the Proceeding of the International Conference organized by Zoology Wing, Annamalai University during 27th and 28th of July, 2012 on "Science and Technology for Clean and Green Environment".

✓ As an **Executive member**, served for the International Conference organized by Department of Zoology, Annamalai University during 27th and 28th of July, 2012 on "Science and Technology for Clean and Green Environment".

✓ **Aligned** the Abstracts for publishing the **Abstract Book** that was released during the International Conference organized by Department of Zoology, Annamalai University during 27th and 28th of July, 2012 on "Science and Technology for Clean and Green Environment".

- ✓ Got Sponsor from TNCST for M.Sc Project.
- ✓ Organized competition on 02-10-1997 for the orphan children at Avvai Ashramam, Sivasailam and distributed prizes for the winning children on behalf of college NSS.
- ✓ Organized a "**Ten-day Child Labour Abolition awareness research camp**" at Valliammalpuram village from 05-07-1996 to 14-07-1996.
- ✓ Organized Personality Development Course of Yogiraj Vethathiri Maharishi's, for the final year UG students in November, 1997.

RESEARCH EXPERIENCE

- Worked lab oriented in Department of Zoology, Annamalai University as a part of the project "**Vermicomposting of coir pith using chosen species of Earthworms and its performance evaluation**" for M.Phil., dissertation.
Responsibilities: Conducting laboratory maintains, Equipments handling, Nutrient analysis, Physico-chemical parameters, Maintaining the vermicomposting unit.
- Worked lab oriented in Korahkunda Tea Factory, as a part of the project "**Comparative studies on biodegradation of two different organic wastes by mushroom cultivation and utilization of spent waste for vermiculture**" for M.Sc., dissertation.
Responsibilities: Conducting laboratory maintains, Equipments handling and Nutrient analysis, Physico-chemical parameters, Temperature monitoring and maintenance.

PROFESSIONAL EXPERIENCE

- Worked as **Consultant** for large scale Vermicomposting unit – G.V Farms, Mukkudal (9 years) and Temple of Consciousness, Aliyar (6 years)
- Worked as **Science Teacher** at Ideal Public School, Ambasamudram (1 year).

OTHER TESTIMONIALS

- Got the Certificate in **.net** from **Aptech** Computer Education, Ambasamudram .
- Participated in "**Tamizhaga Ariviyal Peravai Yezhaam Desiyakaruththaragam**" on 26 & 27-12-1998 conducted by Manonmaniam Sundaranar University at Sri Paramakalyani Centre for Environmental Sciences, Alwarkurichi.
- Passed the examination conducted by "Vivekananda Academy of Cultural Studies (VACS)" and **attended four day camp** from 01-02-1997 to 04-02-1997 at Vivekanandapuram, Kanyakumari.
- Got Certificate in Concepts, Basic, Word Star and Dbase from M.M.Computer Centre, Vickramasingapuram (1998) conducted at Sri Paramakalyani College, Alwarkurichi.
- Got Certificate for passing Tamil Exam (First Class) conducted by "**Maanavar Mandram**", Chennai in the year 1995.

- Got Certificate for passing Tamil Exam (First Class) conducted by “**Madurai Tamil Sangam**” in the year 1993.
- Completed Hindi exams upto **Rashtrabasha**.

INTERESTS

- Reading Science Journals, Photography, Music and travel.

SKILLS

- **Conversant with** WINDOWS 98/2000/XP/Vista, MS Office, Dot Net Framework, Visual Basic and Internet.
- **Conversant with** data analysis software like **R Programming, SPSS for Windows (version 22.0) and Statplus**.
- **Conversant with Bioinformatics tools like Blast (NCBI), Augustus, PyRx and other computational biological tools and virtual labs**.
- Scientific writing.

STRENGTHS

- Keen learner and a strong believer in teamwork and integrity.
- Strong Communication, Interpersonal and organizing skills.
- Excellent at stress, and people management.
- Highly adaptive.

EXTRA CURRICULAR ACTIVITIES

- Completed Master Course in “SKY” Yoga practices, founded by Yogiraj Vethathiri Maharishi.
- Servicing at Temple of Consciousness, Aliyar and the nearby yoga centre, Sirkali.
- Fabric Painting (for personal use).

ADDRESS FOR COMMUNICATION

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Assistant Professor,
PG & Research Department of Zoology & Wildlife Biology,
A.V.C.College (Autonomous),
Mannampandal – 609305,
Mayiladuthurai.

Residential:

W/o. K. Senthil Kumar,
5, Mudaliar Street,
Kovilpathu, Sirkali – 609111,
Nagapattinam District, Tamil Nadu

REFERENCES

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Email id: maharishi1@yahoo.co.in

Declaration

I **K. S. Abbiramy** declare that the above said informations are true to my knowledge and abide by them.

Place : Sirkali
Date : 30-04-2019

K.S. Abbiramy
Signature of the Applicant