

**Aditanar College of Arts and Science
Virapandianpatnam – 628216
Tiruchendur
Bio - Data**



Name of the Department : Department of Zoology

Name of the faculty member : Dr. S. Lingathurai

Qualification : M.Sc., M. Phil., SET., Ph.D.,

Present Designation : Assistant Professor

Vidwan id : 233352

Residential Address : C/O Rajavel, 68/2, East Street, Kaniyalanputhur,
Sonaganvilai, Tiruchendur, Thoothukudi Dt.

Contact Nos. : 986576062

Email : lings02@gmail.com

Gender : Male

Community : Backward Class

Date of Birth and Age : 11.03.1980 & 43

Date of joining : 18. 01. 2018

Date of Retirement : 18.01.2040

I. Particulars of Educational Qualification

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks/ Grades obtained	Class obtained
UG	B.Sc	Zoology	2003	The American College	Madurai Kamaraj University	59	II
PG	M. Sc.,	Zoology	2005	The Madura College	Madurai Kamaraj University	79.4	I
M. Phil	M. Phil	Zoology	2006	The American College	Madurai Kamaraj University	69	I
Ph.D.	Ph. D.,	Zoology	2013	Loyola College	University of Madras		

II Additional Qualification

SLET

: Yes, Completed SLET - 2018

III Title of Ph.D. Thesis

: **Biological, Physiological and Biochemical effects of chosen Plants and isolated compound against *Helicoverpa armigera* Hub. and *Spodoptera litura* Fab. (Lepidoptera: Noctuidae).**

IV Faculty/Discipline/Subject in which Ph.D. was awarded

: Zoology - Entomology

List of Publications

: (Kindly See Annexure - 1)

No. of Candidates Completed Ph.D. under your Guidance

: Nil

No. of candidates doing Ph.D. under your Guidance

: Nil

V Academic Experience:

Name of the College	Whether Govt/Aided/S.F.	Designation	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Pachaiyappa's College For Men	S. F	Assistant Professor	20 / 06/ 2013	20/07 2015	2	1	
The Madura College	S.F	Assistant Professor	15 / 07/ 2016	31 /05 /2017		10	15
Aditanar College of Arts and Science	Aided	Assistant Professor	18/01/2018	Till now working	5	8	30
Total					8	8	15

VI Administrative/other Experience : Nil

VII Other Relevant Information : Nil

Annexure – 1 Dr. S. Lingathurai (List of Publications)

Book Chapters or Papers published in National / International conference / Seminar / Workshop proceedings

Title of the Chapter / Paper	Name of the authors	Title of the Book / Proceedings of the Conference	Name of the Conference	National / International	Year of Publication	ISBN Number of Book Proceedings	Publisher / Affiliating Institute at the time of Publication
Antifeedant and growth inhibition of <i>Morinda tinctoria</i> against <i>Spodoptera litura</i> (Fab.) (Lepidoptera: Noctuidae)	Lingathurai S , Vendan S E, Gabriel Paulraj M and Ignacimuthu, S,	<i>Recent Trends in Insect Pest Management,</i>	<i>Recent Trends in Insect Pest Management,</i>	National	2008	ISBN-13:9788188901333.	Loyola College, Entomology Research Institute, Elite Publishing House, New Delhi
Effect of plant extracts on larval development of <i>Helicoverpa armigera</i> . In	Vendan S E, Baskar K, Ramar M, Lingathurai S , Gabriel Paulraj M and Ignacimuthu S,	<i>Recent Trends in Insect Pest Management,</i> .	<i>Recent Trends in Insect Pest Management,.</i>	National	2008	ISBN-13:9788188901333	Loyola College, Entomology Research Institute, Elite Publishing House, New Delhi
Toxic and Feeding deterrent effects of <i>Acalypha fruticosa</i> Forssk. (Euphorbiaceae) against the larvae of <i>Spodoptera litura</i> Fab. (Lepidoptera: Noctuidae)	Lingathurai S , Gabriel Paulraj M and Ignacimuthu S	<i>Non Chemical Insect Pest Management</i> (Eds. S. Ignacimuthu and B.V. David)	<i>Non Chemical Insect Pest Management</i>	National	2010	ISBN-10: 8188901415 , ISBN-13: 9788188901418	Loyola College, Entomology Research Institute, Elite Publishing House, New Delhi
Antifeedant and insecticidal activities of some plants against <i>Helicoverpa armigera</i> Hubner (Lepidoptera: Noctuidae) larvae.	Lingathurai S , War, A R Gabriel Paulraj M and Ignacimuthu S	<i>Non Chemical Insect Pest Management</i> (Eds. S. Ignacimuthu and B.V. David)	<i>Non Chemical Insect Pest Management</i>	National	2010	ISBN-10: 8188901415 , ISBN-13: 9788188901418	Loyola College, Entomology Research Institute, Elite Publishing House, New Delhi

Effect of solvent extracts of <i>Temnopleurus alexandri</i> (Sea urchin) on <i>Spodoptera litura</i> Fab. (Lepidoptera: Noctuidae) toxicity and digestive enzyme profile	Parvathavarthini R, Lingathurai S and Uma B	<i>Zool. Surv. India Zoology for Future Education and Research</i>	<i>Zool. Surv. India Zoology for Future Education and Research</i>	National	2015	ISBN No 9788181714275	Zoological Survey of India
Anti-angiogenic and Anti-cancer activities of <i>Acalypha fruticosa</i> Forssk (Euphorbiaceae).	Lingathurai S. , Sivadurga devi P., Nagarajan S., Shameem Rani K. and Selvi V	In <i>Innovative Trends in Life Science</i> (Eds. S. Abirami, G.Gnanamuthu and M. Sangeetha)	In <i>Innovative Trends in Life Science</i>	National	2018	ISBN 978-93-86712	PG Department of Microbiology, Kamaraj College, Tuticorin, Tamil Nadu
Biochemical Changes of Ornamental Fish, <i>Poecilia sphenops</i> (Valenciennes, 1846) with reference to Aluminium sulphate.	Nagarajan S., Shanmugasundari B., Shameem Rani K., Lingathurai S. and Selvi V.	In <i>Innovative Trends in Life Science</i> (Eds. S. Abirami, G.Gnanamuthu and M. Sangeetha)	In <i>Innovative Trends in Life Science</i>	National	2018	ISBN 978-93-86712	PG Department of Microbiology, Kamaraj College, Tuticorin, Tamil Nadu
A comparison of the effects of cobaloximes on antibacterial and antifungal properties.	Amuthaselvi M., Balachandar C., Dayalan A., Lingathurai S. and Ignacimuthu S.	In <i>International Conference on Bio-Commerce 2019</i> (Eds. G. Lakshmanan, T.Mohanraj and S. Lingathurai)	In <i>International Conference on Bio-Commerce 2019</i>	National	2019	ISBN 978-93-5351-473-0	Department of Zoology and Research Centre, Aditanar College of Arts and Science, Tiruchendur, Tamil Nadu, India
Antifeedant and Toxic Properties of <i>Calotropis procera</i> (Aiton) W.T Aiton Extract on <i>Helicoverpa armigera</i> Hubner	Bakavathiappan Ga, Baskaran S and S. Lingathurai	In <i>International Conference on Bio-Commerce 2019</i> (Eds. G. Lakshmanan, T.Mohanraj and S. Lingathurai)	In <i>International Conference on Bio-Commerce 2019</i>	National	2019	ISBN 978-93-5351-473-0	Department of Zoology and Research Centre, Aditanar College of Arts and Science, Tiruchendur, Tamil Nadu, India
.Bio-efficacy of <i>Euphorbia hirta</i> L (Euphorbiaceae) against Cotton Bollworm, <i>Helicoverpa</i>	Saranya T and Lingathurai S	In <i>International Conference on Bio-Commerce 2019</i> (Eds. G. Lakshmanan, T.Mohanraj and S.	In <i>International Conference on Bio-Commerce 2019</i>	National	2019	ISBN 978-93-5351-473-0	Department of Zoology and Research Centre, Aditanar College of Arts and Science,

<i>armigera</i> Hub. (Lepidoptera: Noctuidae) in the Laboratory and Green house.		Lingathurai)					Tiruchendur, Tamil Nadu, India
Diversity of Zooplankton in Thayamangalam Pond Sivagangai District, Tamil Nadu, India.	Uma maheswari K, Chandran G, Rajeshkannan S, Lingathurai S and Nagarajan S	In <i>International Conference on Bio-Commerce 2019</i> (Eds. G. Lakshmanan, T.Mohanraj and S. Lingathurai)	In <i>International Conference on Bio-Commerce 2019</i>	National	2019	ISBN 978-93-5351-473-0	Department of Zoology and Research Centre, Aditanar College of Arts and Science, Tiruchendur, Tamil Nadu, India
Toxicity and Synergistic study on <i>Azadirachta indica</i> A. Juzz. and <i>Melia azedrach</i> L. on <i>Callosobruchus maculatus</i> Fabricius.	Sarasa D, Sathya Narayanan PC, Pushpalatha, Jalajagandhi R, Vidhya M and Lingathurai S	In <i>International Conference on Bio-Commerce 2019</i> (Eds. G. Lakshmanan, T.Mohanraj and S. Lingathurai)	In <i>International Conference on Bio-Commerce 2019</i>	National	2019	ISBN 978-93-5351-473-0	Department of Zoology and Research Centre, Aditanar College of Arts and Science, Tiruchendur, Tamil Nadu, India
Biological activities of Extracts from <i>Azadirachta indica</i> A. Juss and <i>Melia azedrach</i> Linn. On <i>Spodoptera litura</i> Fab (Lepidoptera: Noctuidae).	Sarasa D, Sathya Narayanan PC, Pushpalatha, Jalajagandhi R, Vidhya M and Lingathurai S	In <i>International Conference on Bio-Commerce 2019</i> (Eds. G. Lakshmanan, T.Mohanraj and S. Lingathurai)	In <i>International Conference on Bio-Commerce 2019</i>	National	2019	ISBN 978-93-5351-473-0	Department of Zoology and Research Centre, Aditanar College of Arts and Science, Tiruchendur, Tamil Nadu, India
Biodegradation of Sunthetic pyrethroid-Cyfluthrin by <i>Enterobacter asburiae</i> from soil.	Lingathurai S , Sivadurgadevi P and Hemavathi P	In <i>International Conference on Bio-Commerce 2019</i> (Eds. G. Lakshmanan, T.Mohanraj and S. Lingathurai)	In <i>International Conference on Bio-Commerce 2019</i>	National	2019	ISBN 978-93-5351-473-0	Department of Zoology and Research Centre, Aditanar College of Arts and Science, Tiruchendur, Tamil Nadu, India

<p>Toxic and Feeding deterrence, Nutritional and Developmental physiology of <i>Piper betle</i> L. (Piperaceae) treated <i>Spodoptera litura</i> Fab. (Lepidoptera: Noctuidae).</p>	<p>Lingathurai S</p>	<p>In <i>International Conference on Bio-Commerce 2019</i> (Eds. G. Lakshmanan, T.Mohanraj and S. Lingathurai)</p>	<p>In <i>International Conference on Bio-Commerce 2019</i></p>	<p>National</p>	<p>2019</p>	<p>ISBN 978-93-5351-473-0</p>	<p>Department of Zoology and Research Centre, Aditanar College of Arts and Science, Tiruchendur, Tamil Nadu, India</p>
<p>Bio-efficacy and Detoxifying enzyme activities of <i>Euphorbia hirta</i> L. (Euphorbiaceae) treated Army worm, <i>Spodoptera litura</i> Fab. (Lepidoptera: Noctuidae).</p>	<p>Saranya T and Lingathurai S</p>	<p>In <i>International Conference on Bio-Commerce 2019</i> (Eds. G. Lakshmanan, T.Mohanraj and S. Lingathurai)</p>	<p>In <i>International Conference on Bio-Commerce 2019</i></p>	<p>National</p>	<p>2019</p>	<p>ISBN 978-93-5351-473-0</p>	<p>Department of Zoology and Research Centre, Aditanar College of Arts and Science, Tiruchendur, Tamil Nadu, India</p>
<p>Comparative antimicrobial susceptibility profiling of <i>Salmonella typhi</i> using first and third line generation's antimicrobial drugs.</p>	<p>S. Lingathurai, S. Nagarajan, G. Chandran and S. Rajesh Kannan</p>	<p>In <i>International Conference on Bio-Commerce 2019</i> (Eds. G. Lakshmanan, T.Mohanraj and S. Lingathurai)</p>	<p>In <i>International Conference on Bio-Commerce 2019</i></p>	<p>National</p>	<p>2019</p>	<p>ISBN 978-93-5351-473-0</p>	<p>Department of Zoology and Research Centre, Aditanar College of Arts and Science, Tiruchendur, Tamil Nadu, India</p>
<p>Effect of Malathion on Biochemical Changes of Grass Shrimp <i>Caridina pseudo gracilirostris</i>.</p>	<p>S. Nagarajan, S. L. Sasikala, K. Shameem Rani and S. Lingathurai</p>	<p>In <i>Two days National Seminar on "Social Relationship between Microbes, human and environment"</i></p>	<p><i>Two days National Seminar on "Social Relationship between Microbes, human and environment"</i></p>	<p>National</p>	<p>2020</p>	<p>e-ISBN 978-93-5406-706-8 and ISBN No: 978-93-5407-656-5.</p>	<p>A Text Book of Social Relationship between Microbes, Human and Environment [Eds. S. Prakash, G. Manikandan and S. A Shanmugam] Department of Biotechnology, Sri Kaleeswari College, Sivakasi, Tamil Nadu, India</p>

Research Paper Published in the Journals

Title of the Paper	Name of the Authors	Name of Journal	Volume, Issue, Page no, Year	ISSN No	IS listed in UGC CARE list
Macroinvertebrate colonization and breakdown of two leaves in South India.	Dinakaran. S. Anbalagan. S, Lingathurai. S and Martin. M.,	<i>Journal of Ecology and Environmental Biology,</i>	(2008). Vol 29, No2. 249-252	ISSN (print): 0254-8704 ; ISSN(online): 2394-0379,	No
A Comparative study on the microbiological and chemical composition of cow milk from different locations in Madurai, Tamil Nadu.	Lingathurai. S, Vellathurai. P, Vendan.S E and Alwin Prem Anand A.	<i>Indian Journal of Science and Technology</i>	(2009). (Vol.2 No 2), pp 51-54.	ISSN (Print) : 0974-6846; ISSN (Online) : 0974-5645	Yes
Bioefficacy of Neem oil formulation with <i>Hydnocarpus alpina</i> leaf extract against <i>Spodoptera litura</i> .	Vendan S E, Lingathurai S, Gabriel Paulraj M and Ignacimuthu S.	<i>International Journal of Current Research</i>	2010). Vol. 3, (), pp. 78-82.	ISSN: 0975-833X	No
Bacteriological quality and safety of raw cow milk in Madurai, South India.	Lingathurai S and Vellathurai P	<i>Bangladesh Journal of Scientific and Industrial Research.</i>	(2010).482, 109-114,	ISSN0304-9809(print), ISSN2224-7157(Online)	no
Incidence of <i>Spodoptera litura</i> Fab. (Lepidoptera: Noctuidae) on <i>Argemone mexicana</i> Linn. (Papaveraceae).	Vendan S E, Lingathurai S, Gabriel Paulraj M and Ignacimuthu S	<i>Insect Environment</i>	(2010).,ol. 6(1)., pp202.	ISSN No: 0975-1963	No
Antifeedant and larvicidal activities of <i>Acalypha fruticosa</i> Forssk. (Euphorbiaceae) against <i>Plutella xylostella</i> L. (Lepidoptera: Yponomeutidae) larvae..	Lingathurai S, Vendan S E, Gabriel Paulraj M and Ignacimuthu S	<i>Journal of King Saud University</i>	(2011). 23. (11-16)	ISSN: 1018-3647),	Yes
Oxidative Response of Groundnut (<i>Arachis hypogaea</i>) Plants to Salicylic acid, Neem oil formulation and <i>Acalypha fruticosa</i> leaf extract.	War, A R, Lingathurai S, Gabriel Paulraj M and Ignacimuthu, S,	<i>American Journal of Plant Physiology</i>	(2011). . (1-11).)	(ISSN:1557-4539	Yes

Antifeedant and Larvicidal activity of the two seaweeds <i>Chaetomorpha litorea</i> Harvey and <i>Hypnea musiformis</i> (Wulf.) Lamouroux against Cotton bollworm <i>Helicoverpa armigera</i> Hubner (Lepidoptera: Noctuidae) larva.	Revathi S., Lingathurai S. , Nirmala C Alexander	<i>Indian Hydrobiology</i>	(2011). 14(1), 84-88	0971-6548	Yes
Larvicidal and Growth Inhibitory activities of Entomopathogenic fungus, <i>Beauveria bassiana</i> against Asian army worm, <i>Spodoptera litura</i> Fab. (Lepidoptera: Noctuidae).	Baskar K., Antony Raj G., Murali Mohan P., Lingathurai S. , Ambrose T. and Muthu C..	<i>Journal of Entomology.</i>	(2012) 1-8.	(ISSN: 1812-5670),	Yes
Vermicomposting of coirpith with cowdung by <i>Eudrilus eugeniae</i> Kinberg and its efficacy on the growth of <i>Cyamopsis tetragonaloba</i> (L) Taub.	Nattudurai G, Ezhil Vendan S, Ramachandran PV and Lingathurai S	<i>Journal of the Saudi Society of Agricultural Sciences.</i>	2014. 13, 23-27	(ISSN: 1658-077X),	Yes
Bio-Efficacy of <i>Terminalia chebula</i> Retz. (Combretaceae) against <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae)	Sathya Narayanan PC, Kalpana Devi R, Pushpalatha M, Raveen R and Lingathurai S	<i>International Journal of Current Research in Bioscience and Plant Biology,</i>	2014. 1(3), 41-49.	(ISSN: 2349-8080)	No
Eco-toxicological performances and biochemical effect of selected pesticides on <i>Trichogramma chilonis</i> ishii. (Hymenoptera: Trichogrammatidae),	Lingathurai S , Pushpalatha S, Raveen R, Vinolaya Priyatharsini P, Sathikumaran R and Sathya Narayanan PC	<i>Journal of Entomology and Zoological Studies.</i>	2015. 3 (1), , 109-114.	(ISSN 2320-7078)	No
<i>In vitro</i> Antimicrobial activities of <i>Pongamia glabra</i> and <i>Phyllanthus niruri</i>	Mahalakshmi N, Dhanasekaran S, Ravi C and Lingathurai S	<i>South Indian Journal of Biological Sciences</i>	2016. (2) 2 ,236-244	(ISSN: 2454-4787)	No
Toxic effect of <i>Glinus lotoides</i> (Aizoaceae) on Rice-Moth, <i>Corcyra cephalonica</i> Stainton eggs (Lepidoptera:	Adline J D, Gunasekaran C, Lingathurai S	<i>International Journal of Current Research in</i>	(2015). Volume 2 Number 2, , 35-42.	(ISSN: 2349-8080)	No

Pyralidae)		<i>Bioscience and Plant Biology,</i>			
Comparative studies on heavy metal analysis of Kollidam estuary water and fish tissue.	Shameemrani K, Nagarajan S, Selvi. V and Lingathurai. S	<i>International Journal of Basic and Applied Research,</i>	(2018) Volume 8, Number 7, 571-587.	ISSN 2249-3352 (P) 2278-0505 (E):	No
Pharmacological Properties of <i>Avicennia marina</i> (Forssk) Vierh.	P. Arockia Mary Fernandez, D. Vasumathi, S. Lingathurai and S. Lok kirubahar	<i>International Journal of Pharmacy and Biological Sciences.</i>	(2021) 2, 1	E- ISSN: 2230-7605, P- ISSN: 2321-3272	Yes
Molecular docking of <i>Avicennia marina</i> (Forssk.) Vierh. (Avicenniaceae) derived compounds against acetylcholine esterase of <i>Spodoptera litura</i> Fab. (Lepidoptera: Noctuidae).	P. Arockia Mary Fernandez, D. Vasumathi, S. Lokkirubahar and S. Lingathurai.	Journal of East China University of Science and Technology	2022, 35, VOL.65 ISS. 3	(ISSN:1006-3080	Yes