



Dr. PARTHIBAN P, M.Sc. (Agri.), Ph.D. (Entomology)

Scientist & Faculty of AcSIR

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Expertise Area

- ✓ Experience working in Agricultural Chemicals, mainly field and laboratory research
- ✓ Experience in developing Pheromone and Silica-based IPM modules for field and horticultural crops
- ✓ Experience in Indian plant quarantine, storage pests, fumigation, laboratory, and field inspection, mainly airports, seaports & pack houses
- ✓ Experience in the identification of a broad range of insects in the field and horticultural crops
- ✓ Experience working in the rearing of different groups of insects (Coleopteran, Lepidopteran & Hymenopteran insects)
- ✓ Experience in crop production, including agriculture, horticulture & hydroponics
- ✓ Experience in teaching and education background in agricultural science
- ✓ Experience in agricultural machinery/implements/equipment/UAV/different types of irrigation systems
- ✓ Experience in statistical analysis packages, viz. Agdata, Agres, Probit analysis, SAS, and SPSS

Academic Qualification

Ph. D. (Entomology)	Agricultural College and Research Institute, Madurai - 625 104 Tamil Nadu Agricultural University, India	2016
M. S. (Entomology)	Agricultural College and Research Institute, Madurai - 625 104 Tamil Nadu Agricultural University, India	2013
B. S. (Agriculture)	Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal - 609 603, Tamil Nadu Agricultural University, India.	2011

Experience

Scientist	CSIR – Central Food Technological Research Institute (CFTRI), Mysuru, Karnataka, India	2023 – till date
Deputy Manager/ Scientist	Tractors and Farm Equipment Limited (TAFE), Chennai, Tamil Nadu, India	2021 - 2023
Senior Technical Officer	Regional Plant Quarantine Station (RPQS), Govt. of India Chennai, Tamil Nadu, India	2019 - 2021
Research Associate	Plant Quarantine Station (PQS), Govt. of India Trivandrum, Kerala, India	2018 - 2019
Assistant Professor	Adhiparasakthi Agricultural College, Vellore, Tamil Nadu, India	2016 - 2018

Students Guided (Ongoing/ Completed)

1.	Ms. Charulatha V	M.Sc. (Microbiology) Internship Work Dr. N.G.P. Arts and Science College, Coimbatore, Tamil	Stored Product Entomology Work	Guide	2025
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2.	Anagha Madhu	Nadu M.Voc. (Food Processing Technology) Thesis Work St. Teresa's College (Autonomous), Ernakulum, Kerala	Stored Product Entomology Work	Guide	2025
3.	Savya Suresh	M.Voc. (Food Processing Technology) Thesis Work St. Teresa's College (Autonomous), Ernakulum, Kerala	Stored Product Entomology Work	Guide	2025
4.	Ms. Sahana D	M.Sc. (Biotechnology) Thesis Work Pooja Bhagavat Memorial Mahajana P. G. Centre, Mysore, Karnataka	Colonization of <i>Bacillus licheniformis</i> in <i>Caenorhabditis elegans</i> Sydney Brenner (Rhabditida: Rhabditidae)	Guide	2024
5.	Ms. Shwetha S S	M.Sc. (Biotechnology) Thesis Work Pooja Bhagavat Memorial Mahajana P. G. Centre, Mysore, Karnataka	Effect of <i>Lactobacillus fermentum</i> on growth and survival of <i>Caenorhabditis elegans</i> Sydney Brenner (Rhabditida: Rhabditidae)	Guide	2024
6.	Ms. Baharani Soren	M.Sc. (Biotechnology) Thesis Work Ranchi University, Ranchi, Jharkhand	Stored Product Entomology Work	Guide	2024
7.	Ms. Geetha T	M.Sc. (Microbiology) Internship Work Dr. N.G.P. Arts and Science College, Coimbatore, Tamil Nadu	Microbiology & Stored Product Entomology Work	Guide	2024
8.	Ms. Abinaya Ragavi B Ms. Vyshali G Ms. Keerthana S Ms. Sowmya R Ms. Suriya S Ms. Janani T	B. Sc. (Agriculture) Project Work Adhiparasakthi Agricultural College, Vellore, Tamil Nadu	Bio-efficacy evaluation of newer insecticides against Lepidopteran pests of groundnut (<i>Arachis hypogea</i> L.).	Chairman	2016 – 2017
9.	Ms. Bharathi K Ms. Hibah S, Fathima H Ms. Ishwarya A Ms. Kalaivani V Ms. Savithiri E	B. Sc. (Horticulture) Project Work Adhiparasakthi Horticultural College, Vellore, Tamil Nadu	Bio-efficacy evaluation of newer insecticides against Lepidopteran pests of okra (<i>Abelmoschus esculentus</i> L.)	Chairman	2016 – 2017

Computer Skills

Course completed	:	Diploma in Computer Application (DCA; Year - 2007)
Operating Systems	:	Windows (All versions), LINUX

Software Packages : MS Office, Star Office, Open Office, Agdata, Agres, Probit analysis, SAS and SPSS

Medals, Awards, and Fellowships obtained

1	2020	- Young Scientist Award, Dr. B. V. David Foundation
2	2020	- Life Fellow, The Entomological Society of India
3	2018	- Excellence in Research, Osmania University, Hyderabad - International
4	2017	- Scientist of the Year, IIRR - Hyderabad
5	2017	- A. S. R. B. – N. E. T., ICAR, New Delhi
6	2014	- A. S. R. B. – N. E. T., ICAR, New Delhi
7	2012 - 2013	- Junior Research Fellow, M./s. Syngenta India Private Ltd., Mumbai
8	2010 - 2011	- President in ROTRACT CLUB, PAJANCOA & RI, Karaikal
9	2007	- Secure first mark in Zoology at school level (XII Std.), Government of Tamil Nadu, India
10	2005	- Distinction in Tamil (X Std.), Government of Tamil Nadu, India

Details of Training Course / Symposium / Seminars / Conference / Workshop/ Expo attended/ presented

1.	Effective management	Silo Grain	Post-Harvest Summer School*	Lotus Harvestec & E&G Pathway	07.04.25	08.04.25
2.	Recent Scientific Advances in Agricultural and Environmental Sciences		National Conference*	Dr. B. V. David Foundation, Chennai	05.12.20	-
3.	Integrated Pest Management on Fall Armyworm in Maize Crop		National Webinar*	Irrigation Management Training Institute, Trichy	25.08.20	-
4.	ICAR-NRCB Webinar on Approaches and Strategies for Augmenting Export of Bananas from India		International Webinar*	ICAR – National Research Centre for Banana, Trichy	21.08.20	-
5.	Invasive Agricultural Pests of India		Popular Science Webinar@	District Science Centre, Tirunelveli	09.08.20	-
6.	ICAR-NRCB Webinar on Integrated Insect Pests and Nematodes Management in Banana		National Webinar*	ICAR – National Research Centre for Banana, Trichy	04.08.20	-
7.	National Webinar on Plant Biological Interventions for Climate Smart Agriculture		National Webinar*	Bihar Agricultural University, Bihar	30.07.20	-
8.	The Science of Yogic Breathing		International Web Conference*	Presidency College, Chennai	24.07.20	-
9.	TV Ramakrishna Ayyar Memorial Lecture and Workshop on Entomology and Entrepreneurship		Workshop*	AC & RI, Madurai and ESI, New Delhi	13.02.18	-

10.	International Conference on Advances in Agriculture and Allied Science Technologies for Sustainable Development	International Conference**	Osmania University, Hyderabad	10.02.18	11.02.18
11.	International Conference on Biocontrol and Sustainable Insect Pest Management (ICBS)	International Conference**	AC & RI, Killikulam	29.01.18	31.01.18
12.	Technological Challenges in Social, Environmental and Agricultural Reforms	National Conference**	IIRR, Hyderabad	09.09.17	10.09.17
13.	Entrepreneurship Awareness Camp on value addition of millets	Entrepreneurship Awareness Camp*	APAC, Vellore	06.09.17	08.09.17
14.	Workshop on GC-MS Analytical platforms for metabolomics: A way to understand complex biological pathways	Workshop*	AC & RI, Madurai	14.02.17	-
15.	NSS orientation training programme	Training*	Avinashilingam University, Coimbatore	01.02.17	07.02.17
16.	Entrepreneurship Awareness Camp on Fruit and Vegetable Processing Technologies to Enhance Entrepreneurship Skills	Entrepreneurship Awareness Camp*	APAC, Vellore	08.11.16	10.11.16
17.	Workshop on Elemental analysis made simple for agricultural scientists: "X-ray fluorescence spectrometer (XRF)".	Workshop*	AC & RI, Madurai	27.10.16	-
18.	National seminar on "Innovative Technologies in Insect Science".	National Seminar**	Guru Nanak College, Chennai	14.10.16	-
19.	Webinar on Climate Smart Agriculture	National Conference*	E Science Society (eSS)	14.09.16	-
20.	New horizons, emerging challenges and recent paradigms in food mediated immunity and their role in human health and longevity.	International Conference*	The American College, Madurai	31.08.16	01.09.16
21.	Recent Trends in Pest and Disease Management Strategies to Align with Environmental Protection	Seminar**	APAC, Vellore	12.07.16	--
22.	National Institute of Agricultural Extension Management (MANAGE)	Training*	AC & ABC, VAPS Madurai	05.01.16	04.03.16

23.	Impact of climate risks on Agricultural and Horticultural productivity	National Conference**	TNAU, Coimbatore	13.05.15	14.05.15
24.	National expo on Assemblage of Innovative ideas / work of post graduate agricultural research scholars	National Expo**	AC & RI, Madurai	27.03.15	--
25.	International conference on innovative insect management approaches for sustainable agro eco-system (IIMASAE)	International Conference**	AC & RI, Madurai	27.01.15	30.01.15
26.	Extension Training Programme on Organic Farming	Training*	AC & RI, Madurai	26.11.14	27.11.14
27.	National Seminar on Algae for sustainable agricultural production	Seminar*	AC & RI, Madurai	29.09.14	30.09.14
28.	Sustainable agriculture to FUEL (Feed, Unite, Educate & Lead) the future	National Conference**	TNAU, Coimbatore	06.05.14	07.05.14
29.	Emerging Technology in Processing and value addition millets for better utilization	National Workshop**	HC & RI, Madurai	13.03.14	14.03.14
30.	Emerging trends in ecofriendly Insect Pest management	Symposium**	TNAU, Coimbatore	22.01.14	24.01.14
31.	Recent advances in Bio-inoculants technology	Symposium*	AC & RI, Madurai	01.03.12	02.03.12
32.	Soft Skill Enrichment Cell (SSEC)	Training*	PAJANCOA & RI, Karaikal	2010	2011
33.	Agro-Based Industrial Training	Training*	PONLAIT, Puducherry	30.08.10	08.09.10
34.	Business and Career Prospects in Food Processing	Workshop cum Training*	IICPT and PAJANCOA&RI, Karaikal	25.08.10	---

*Attended (National: 18; International: 04)

** Attended & Presented (National: 08; International: 03)

@Resource Person (National: 01)

Thesis Work

Ph. D.	:	Kairomones and Silicon mediated IPM module for the management of major pests of groundnut (<i>Arachis hypogaea</i> L.)	2016
M. Sc.	:	Evaluation of bio-efficacy of Emamectin benzoate 5 WG against Lepidopteran pests of Okra and Cabbage	2013
B. Sc.	:	Production and marketing efficiency of vegetable growers of Karaikal District	2011

Research Projects (Ongoing/Completed)

*2024-2026	Principal Investigator	Exploring silica-loaded biopolymers for insect-resistant packaging	CSIR	12.0 Lakh
*2024-2026	Team Member	Design and development of a grain storage system with a pushing force mechanism for the prevention of insect infestation in stored food products	CSIR-CFTRI	3.0 Lakh
2024-2025	Team Member	Millet sustaining through Research and Innovation by Analysis of Nutrients and Nutraceuticals	CSIR	66.08 Lakh

*Ongoing

Institutional Responsibilities/ Administrative Responsibilities

Member	Organizing Committee – “National Symposium on Plant Proteins”	July 2025
Convener	CFTRI’s 75 years-Video journey	2024
Co-Convener	CFTRI’s 75 years-Photo journey	2024
Member	Swachhata Hi Seva (SHS)	October 2024
Coordinator	Department QMS & EMS coordinator	2024 – till date

Additional Responsibilities

✓ Lab in-charge	29.08.2016	23.01.2018
✓ Residential Tutor	29.08.2016	23.01.2018
✓ NSS Assistant Programme Officer	30.08.2016	31.12.2016
✓ Farm Manager	20.09.2016	23.01.2018
✓ Ward Counselor	23.09.2016	23.01.2018
✓ NSS Programme Officer	01.01.2017	23.01.2018

List of Courses Handled

APW 401	Project Work (0+4)	IV B.Sc. (Agri.)	14.08.2017	22.01.2018
AEN 301	Pests of Field Crops and their Management (1+1)	III B.Sc. (Agri.)	11.09.2017	11.01.2018
AEN 301	Pests of Field Crops and their Management (2+1)	III B.Sc. (Agri.)	08.02.2017	24.07.2017
AEN 311	Pest Management in Horticulture Production Systems (2+1)	III B.Sc. (Hort.)	09.02.2017	19.07.2017
HOR 403	Project Work (0+4)	IV B.Sc. (Hort.)	29.08.2016	25.05.2017
APW 401	Project Work (0+4)	IV B.Sc. (Agri.)	29.08.2016	25.05.2017

Contribution to Science**Research Articles**

1. **Parthiban P.**, S. Baharani, T. Geetha, C.S. Vivek Babu, S. Ezil Vendan. **2025**. Effects of silica on stored product pest, *Sitophilus oryzae* L. (Coleoptera: Curculionidae) and its residual impact on *Triticum aestivum* L. grain. *Journal of Stored Products Research*, **Elsevier**. Published in online. 112 (2025) 102664. <https://doi.org/10.1016/j.jspr.2025.102664>
2. **Parthiban, P.**, C. Chinniah, R. K. Murali Baskaran, M. Kalyanasundaram, K. Suresh and S. Karthick. **2019**. Biochemical alternation and silicon accumulation in groundnut (*Arachis hypogaea* L.) in response to root and foliar application of two sources of silicon. *Phosphorus sulfur and silicon and the related elements*, **Taylor & Francis**. Published in online. (ISSN: 1042-6507). 194(9): 917-921. DOI: 10.1080/10426507.2019.1576679.
3. **Parthiban, P.**, C. Chinniah, R. K. Murali Baskaran, K. Suresh and A. Ravikumar. **2018**. Impact of Intercropping System to Minimise the Sucking Pests Incidence in Groundnut (*Arachis hypogaea* Linnaeus). *Legume Research*, 41 (5): 788-191. (ISSN: 0250-5371).
4. **Parthiban, P.**, C. Chinniah, R. K. Murali Baskaran, K. Suresh and S. Karthick. **2018**. Influence of Calcium Silicate Application on the Population of Sucking Pests of Groundnut (*Arachis hypogaea* L.). *Silicon*, **II**, 1687–1692. **Springer**. Published in online. (ISSN: 1876-990X). DOI: 10.1007/s12633-018-9988-8.
5. **Parthiban, P.**, C. Chinniah, R.K. Murali Baskaran, N. Muthukrishnan, D. S. Rajavel and K. S. Karthick. **2018**. Influence of calcium silicate application on the population of *Aproaerema modicella* Deventer (Lepidoptera: Gelechiidae) on groundnut. *Entomon* 43(4): 231-236. (ISSN: 0377-9335). <https://doi.org/10.33307/entomon.v43i4.403>.
6. **Parthiban, P.**, C. Chinniah, R. K. Murali Baskaran, K. Suresh and A. Ravikumar. **2018**. Positive influence of intercrops on natural enemies in groundnut eco-system. *International Journal of Research Studies in Zoology* 4 (2): 1-6. (ISSN: 2454-941X).
7. **Parthiban, P.**, C. Chinniah, R. K. M. Baskaran, D. S. Rajavel, K. Suresh and K. S. Karthick. **2018**. Phenylalanine Ammonia Lyase Activities in Groundnut (*Arachis hypogaea* L.) in Response to Root and Foliar Application of Two Sources of Silicon. *International Journal of Research Studies in Zoology* 4 (3): 12-16. (ISSN: 2454-941X).
8. **Parthiban, P.**, C. Chinniah, M. Kalyanasundaram and R. K. Murali Baskaran. **2017**. Kairomonal effect of Acetone extracts of Groundnut on foraging activities of *Trichogramma chilonis* Ishii and *Chrysoperla zastrowi sillemi* (Esben-Peterson). *Legume Research*, 40 (2): 393-396. (ISSN: 0250-5371).
9. Murali Baskaran, R. K. and **P. Parthiban**. **2017**. Non-host plant derived kairomone to enhance activity of natural enemies of lepidopteran pests of *Abelmoschus esculentus* (L.) Moench. *Journal of Entomology and Zoology Studies*, 5(2): 414-421. (ISSN: 2349-6800).
10. Suresh, K., R. K. Murali Baskaran, B. Usha Rani and **P. Parthiban**. **2017**. Efficacy of Abamectin 1.9 EC against Two Spotted Mite, *Tetranychus urticae* Koch (Acari: Tetranychidae) on Brinjal. *Pesticide Research Journal*, 29 (1): 18-22. (ISSN: 0970-6763).
11. **Parthiban, P.**, C. Chinniah, R.K.M. Baskaran, D.S. Rajavel, M. Kalyanasundaram and K. Suresh. **2017**. Influence of Silica nutrition on the population of natural enemies of groundnut (*Arachis hypogaea* L.). *Journal of Entomology and Zoology Studies*, 5(6): 2652-2655. (ISSN: 2349-6800).
12. Suresh, K., R. K. Murali Baskaran, B. Usha Rani and **P. Parthiban**. **2017**. Optimization of Field Dose

of Abamectin 1.9 EC for the Management of *Polyphagotarsonemus latus* Banks and *Scirtothrips dorsalis* Hood Infesting *Capsicum annum*. *Pesticide Research Journal*, 29 (2): 158-162. (ISSN: 0970-6763).

13. Premalatha, K., C. Chinniah, A. Ravikumar, **P. Parthiban** and M. Kalyanasundaram. **2017**. Evaluation of essential plant oils against two spotted spider mite, *Tetranychus urticae* Koch in Tomato. *Annals of plant protection sciences*, 25 (1): 6-11. (ISSN: 0971-3573).
14. Chinniah, C., A. Ravikumar, M. Kalyanasundaram and **P. Parthiban**. **2017**. Field evaluation of eco-friendly IPM strategies against sucking pests in Chilli ecosystem. *Annals of plant protection sciences*, 25 (1): 36-41. (ISSN: 0971-3573).
15. **Parthiban, P.**, C. Chinniah, M. Kalyanasundaram and R. K. Murali Baskaran. **2017**. Enhancing *in vivo* foraging activities of *Trichogramma chilonis* Ishii and *Chrysoperla zastrowi sillemi* (Esben-Peterson) on eggs of *Spodoptera litura* (Fab.) through kairomonic activity of saturated hydrocarbons. *Indian Journal of Entomology*, 79(4): 516-520. (ISSN: 0367-8288).
16. **Parthiban, P.**, C. Chinniah, R. K. Murali Baskaran, M. Kalyanasundaram, K. Balakrishnan and M. Muthamilan. **2016**. Impact of intercropping system to minimize the pest incidence in groundnut. *International Journal of Agriculture Sciences*, 8(1): 944-946. (ISSN: 0975-3710).
17. Ravikumar, A., C. Chinniah, S. Manisegaran, S. Irulandi and **P. Parthiban**. **2016**. Effect of bio-rationals against the thrips, *Scirtothrips dorsalis* Hood and fruit borer, *Helicoverpa armigera* Hubner infesting chilli. *International Journal of Agriculture Sciences*, 8(12): 1150-1153. (ISSN: 0975-3710).
18. **Parthiban, P.**, C. Chinniah, R. K. Murali Baskaran and M. Kalyanasundaram. **2016**. Kairomonal Effect of Some Saturated Hydrocarbons and Their Influence on the Parasitic and Predatory Potential of *Trichogramma chilonis* and *Chrysoperla zastrowi sillemi*. *Biopesticides International*, 12(1): 61-68. (ISSN: 0973-483X).
19. **Parthiban, P.**, C. Chinniah, R. K. Murali Baskaran and A. Ravikumar. **2016**. Extracts of *Helicoverpa armigera* Increase Foraging Activities of *Trichogramma chilonis* and *Chrysoperla zastrowi sillemi* on Eggs of *Spodoptera litura*. *Biopesticides International*, 12(1): 69-75. (ISSN: 0973-483X).
20. Thangavel, K., R. K. Murali Baskaran and **P. Parthiban**. **2016**. Evaluation of toxicity of emamectin benzoate 5 wg to honey bees. *International Journal of Plant Sciences*, 11 (2): 000-000. (ISSN: 0973-1547).
21. **Parthiban, P.**, C. Chinniah, R.K. Murali Baskaran and K. Suresh. **2016**. Enhancing *in vivo* foraging activities of *Trichogramma chilonis* Ishii and *Chrysoperla zastrowi sillemi* (Esben-Peterson) on eggs of *Corcyra cephalonica* Stainton through kairomonic activity of *Helicoverpa armigera* (Hubner). *Entomon* 41(4): 299-304. (ISSN: 0377-9335).
22. **Parthiban, P.**, C. Chinniah and A. Ravikumar. **2016**. Kairomonal Effect of Acetone Extracts of *Pennisetum glaucum* (L.) and Their Influence on the Parasitic/ Predatory Potential of *Trichogramma chilonis* Ishii and *Chrysoperla zastrowi sillemi* (Esben-Peterson) against Eggs of *Spodoptera litura* (Fab.). *Madras Agricultural Journal*, 103 (7-9): 258-261. (ISSN: 0024-9602).
23. Poovizhiraja, B., C. Chinniah, A. Ravikumar and **P. Parthiban**. **2016**. Influence of Host Plants on the Biological Parameters of Two spotted spider Mite, *Tetranychus urticae* Koch.. *Madras Agricultural Journal*, 103 (7-9): 250-253. (ISSN: 0024-9602).
24. **Parthiban, P.**, C. Chinniah, M. Kalyanasundaram, and R. K. Murali Baskaran. **2016**. Kairomonal effect of acetone extracts of *Pennisetum glaucum* (L.) and predatory potential of *Trichogramma chilonis* Ishii and *Chrysoperla zastrowi sillemi* (Esben-Peterson). *Annals of Plant Protection Sciences*, 24(1): 13-17. (ISSN: 0971-3573).
25. **Parthiban, P.**, C. Chinniah, M. Kalyanasundaram, R. K. Murali Baskaran, C. Swaminathan and P. Kannan. **2016**. Influence of intercropping system to minimize the defoliators incidence in groundnut

(*Arachis hypogaea* Linnaeus). *Annals of Plant Protection Sciences*, 24(1): 78-82. (ISSN: 0971-3573).

26. Chinniah, C., A. Ravikumar, M. Kalyanasundaram and **P. Parthiban**. 2016. Management of sucking pests, by integration of organic sources of amendments and foliar application of entomopathogenic fungi on chilli. *Journal of Biopesticides*, 9(1): 34-40. (ISSN: 0974-391X).
27. Murali Baskaran, R. K., K. Suresh, B. Usha Rani and **P. Parthiban**. 2016. Organic pest management of major insect pests of Ashwagandha, *Withania somnifera* Dunal. *Journal of Agricultural Science and Practice*, 1: 40-43.
28. Chinniah, C., A. Ravikumar, M. Kalyanasundaram and **P. Parthiban**. 2016. Efficacy of newer acaricides and insecticide molecules against sucking pests of chilli. *Annals of plant protection sciences*, 24 (2): 202-207. (ISSN: 0971-3573).
29. Ravikumar, A., S. Manisegaran, C. Chinniah, S. Irulandi and **P. Parthiban**. 2016. Evaluation of eco-friendly pest management modules against major pest of chilli (*Capsicum annum* L.). *Annals of plant protection sciences*, 24 (2): 223-227. (ISSN: 0971-3573).
30. Chinniah, C., A. Ravikumar, M. Kalyanasundaram and **P. Parthiban**. 2016. Effect of intercrops on the incidence of sucking pest complex of chilli. *Annals of plant protection sciences*, 24 (2): 228-231. (ISSN: 0971-3573).
31. Premalatha, K., C. Chinniah, A. Ravikumar and **P. Parthiban**. 2016. Seasonal incidence and influence of weather factors on the population dynamics of two spotted spider mite, *Tetranychus urticae* Koch in Tomato eco-system. *Annals of plant protection sciences*, 24 (2): 232-235. (ISSN: 0971-3573).
32. Chinniah, C., A. Ravikumar, M. Kalyanasundaram and **P. Parthiban**. 2016. Field evaluation of *Metarhizium anisopliae* liquid formulation (BioMagic®) against brown plant hopper, *Nilaparvata lugens* Stal on rice. *Journal of Biopesticides*, 9(2): 211- 219. (ISSN: 0974-391X).
33. **Parthiban, P.**, C. Chinniah, R. K. Murali Baskaran and A. Ravikumar. 2016. Positive Influence of Intercrops on Predatory Spider and Egg Parasitoid in Groundnut Ecosystem. *Research Journal of Agricultural Sciences*, 7 (4/5): 818-822. (ISSN: 0976-1675).
34. **Parthiban, P.**, R. K. Murali Baskaran, D. S. Rajavel and C. Chinniah. 2015. Field evaluation of Emamectin Benzoate 5 WG against Spider predators in Okra eco-system. *Life Sciences Leaflets*. 70. 30-36. (ISSN: 2277-4297).
35. **Parthiban, P.**, R. K. Murali Baskaran, D. S. Rajavel and C. Chinniah. 2015. Field Evaluation of Emamectin Benzoate 5 WG Against Coccinellid Predators in Cabbage Eco-System. *Trends in Biosciences*, 8(16): 4155-4159. (ISSN: 0974-8431).
36. **Parthiban, P.**, R. K. Murali Baskaran, D. S. Rajavel, C. Chinniah and A. Ravikumar. 2015. Safety evaluation of Emamectin benzoate 5 WG against predatory coccinellid in Okra eco-System. *Journal of Innovative Agriculture*, 2(4): 10-14. (ISSN: 2394-5389).
37. **Parthiban, P.**, C. Chinniah, K. Balakrishnan and M. Muthamilan. 2015. Kairomonal effect of *Corcyra cephalonica* Stainton on *Trichogramma chilonis* Ishii and *Chrysoperla zastrowi sillemi* (Esben-Peterson). *Current Biotica*, 9(2): 119-128. (ISSN: 0973-4031).
38. **Parthiban, P.**, C. Chinniah and M. Kalyanasundaram. 2015. Kairomonal effect of *Corcyra cephalonica* Stainton and their influence on the parasitic and predation potential of *Trichogramma chilonis* Ishii and *Chrysoperla zastrowi sillemi* (Esben-Peterson) against eggs of *Spodoptera litura* (Fab.). *The Bioscan*, 10(4): 1671-1674. (ISSN: 0973-7049).
39. **Parthiban, P.**, R. K. Murali Baskaran and K. Thangavel. 2014. Base line toxicity of Emamectin benzoate 5 WG for Lepidopteran pests of Okra. *Pesticide Research Journal*, 26 (2): 155–159. (ISSN: 0970-6763).

40. **Parthiban, P.,** R. K. Murali Baskaran and K. Thangavel. **2014.** Bio – efficacy of Emamectin Benzoate 5 WG against Tobacco Caterpillar and Diamondback Moth in Cabbage. *Pesticide Research Journal*, 26 (2): 175–180. (ISSN: 0970-6763).
41. **Parthiban, P.,** R. K. Murali Baskaran and K. Thangavel. **2014.** Field efficacy of Emamectin benzoate 5 WG against lepidopteran pests of Okra. *Annals of Plant Protection Sciences*, 22 (1): 98–102. (ISSN: 0971-3573).
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Membership in Scientific Bodies

1. Association of Food Scientists & Technologists (AFSTI)	Life member	2024
2. Indian Journal of Entomology	Life member	2020
3. Genesis Urban and Rural Development Society	Life member	2018
4. Green Reap Welfare Society	Life member	2017
5. Agricultural Scientific Tamil Society	Life member	2017
6. Journal of Biological Control	Life member	2017
7. Advances in Life Sciences	Life member	2015
8. Trends in Biosciences	Life member	2015
9. Trends in Biotechnology and Biological Sciences	Life member	2015
10. International Journal of Agricultural Sciences	Life member	2015

Reviewer in Journals

1. Journal of Applied Entomology - Wiley	2020
2. Journal of Soil Science and Plant Nutrition - Springer Nature	2020
3. Bulletin of the National Research Centre - Springer Nature	2020
4. Environmental Science and Pollution Research - Springer Nature	2020
5. International Journal of Agricultural Sciences - Bio-info Publication	2015

Journal Covered by Publication

1. Journal of Stored Products Research – **Elsevier***
2. Pest Management Science - **John Wiley & Sons Ltd.***
3. Silicon – **Springer***
4. Physiological and Molecular Plant Pathology – **Elsevier***
5. Phosphorus, sulfur and silicon and the related elements - **Taylor & Francis***
6. Legume Research*
7. Indian Journal of Entomology
8. Entomon
9. Annals of Plant Protection Sciences
10. Pesticide Research Journal
11. Biopesticides International
12. The Bioscan
13. Madras Agricultural Journal

14. Journal of Biopesticides
15. International Journal of Research Studies in Zoology
16. Journal of Entomology and Zoology Studies
17. International Journal of Agriculture Sciences
18. International Journal of Plant Sciences
19. Journal of Agricultural Science and Practice
20. Research Journal of Agricultural Sciences
21. Life Sciences Leaflets
22. Trends in Biosciences
23. Journal of Innovative Agriculture
24. Current Biotica
25. E-Journal of Agriculture Science
26. Advances in Life Sciences

***SCI Journal**

I acknowledge this to be a valid and current *Curriculum Vitae*

**Parthiban Packirisamy
July 30, 2025**