



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

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Research Area

- ✓ Toxicology
- ✓ Biological Control

Academic Qualification

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

Experience

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

Students Ongoing/ Guided

1.	Ms. D. Sahana	M.Sc. (Biotechnology) Thesis Work Pooja Bhagavat Memorial Mahajana P. G. Centre, Mysore, Karnataka	Colonization of <i>Bacillus</i> <i>licheniformis</i> in <i>Caenorhabditis elegans</i> Sydney Brenner (Rhabditida: Rhabditidae)	Guide	2024
2.	Ms. S. S. Shwetha	M.Sc. (Biotechnology) Thesis Work Pooja Bhagavat Memorial Mahajana P. G. Centre, Mysore, Karnataka	Effect of <i>Lactobacillus</i> <i>fermentum</i> on growth and survival of <i>Caenorhabditis elegans</i> Sydney Brenner (Rhabditida: Rhabditidae)	Guide	2024
3.	Ms. Baharani Soren	M.Sc. (Biotechnology) Thesis Work Ranchi University, Ranchi, Jharkhand	Stored Product Entomology Work	Guide	2024

4.	Ms. T. Geetha	M.Sc. (Microbiology) Internship Work Dr. N.G.P. Arts and Science College, Coimbatore, Tamil Nadu	Microbiology & Stored Product Entomology Work	Guide	2024
5.	Ms. B. Abinaya Ragavi Ms. G. Vyshali Ms. S. Keerthana Ms. R. Sowmya Ms. S. Suriya Ms. T. Janani	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
6.	Ms. K. Bharathi Ms. H. Hibah S, Fathima Ms. A. Ishwarya Ms. V. Kalavani Ms. E. Savithiri	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

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

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

*1.	Business and Career Prospects in Food Processing	Workshop cum Training	IICPT and PAJANCOA&RI, Karaikal	25.08.10	---
*2.	Agro-Based Industrial Training	Training	PONLAIT, Puducherry	30.08.10	08.09.10
*3.	Soft Skill Enrichment Cell (SSEC)	Training	PAJANCOA & RI, Karaikal	2010	2011
*4.	Recent advances in Bio- inoculants technology	Symposium	AC & RI, Madurai	01.03.12	02.03.12
**5.	Emerging trends in ecofriendly Insect Pest management	Symposium	TNAU, Coimbatore	22.01.14	24.01.14

**6.	Emerging Technology in Processing and value addition millets for better utilization	National Workshop	HC & RI, Madurai	13.03.14	14.03.14
**7.	Sustainable agriculture to FUEL (Feed, Unite, Educate & Lead) the future	National Conference	TNAU, Coimbatore	06.05.14	07.05.14
*8.	National Seminar on Algae for sustainable agricultural production	Seminar	AC & RI, Madurai	29.09.14	30.09.14
*9.	Extension Training Programme on Organic Farming	Training	AC & RI, Madurai	26.11.14	27.11.14
**10.	International conference on innovative insect management approaches for sustainable agro eco-system (IIMASAE)	International Conference	AC & RI, Madurai	27.01.15	30.01.15
**11.	National expo on Assemblage of Innovative ideas / work of post graduate agricultural research scholars	National Expo	AC & RI, Madurai	27.03.15	--
**12.	Impact of climate risks on Agricultural and Horticultural productivity	National Conference	TNAU, Coimbatore	13.05.15	14.05.15
*13.	National Institute of Agricultural Extension Management (MANAGE)	Training	AC & ABC, VAPS Madurai	05.01.16	04.03.16
**14.	Recent Trends in Pest and Disease Management Strategies to Align with Environmental Protection	Seminar	APAC, Vellore	12.07.16	--
*15.	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
*16.	Webinar on Climate Smart Agriculture	National Conference	E Science Society (eSS)	14.09.16	-
**17.	National seminar on “Innovative Technologies in Insect Science”.	National Seminar	Guru Nanak College, Chennai	14.10.16	-
*18.	Workshop on Elemental analysis made simple for agricultural scientists: “X-ray fluorescence spectrometer (XRF)”.	Workshop	AC & RI, Madurai	27.10.16	-
*19.	Entrepreneurship Awareness Camp on Fruit and Vegetable Processing Technologies to Enhance Entrepreneurship Skills	Entrepreneurship Awareness Camp	APAC, Vellore	08.11.16	10.11.16
*20.	NSS orientation training programme	Training	Avinashilingam University, Coimbatore	01.02.17	07.02.17
*21.	Workshop on GC-MS Analytical platforms for metabolomics: A way to understand complex biological pathways	Workshop	AC & RI, Madurai	14.02.17	-
*22.	Entrepreneurship Awareness Camp on value addition of millets	Entrepreneurship Awareness Camp	APAC, Vellore	06.09.17	08.09.17

**23.	Technological Challenges in Social, Environmental and Agricultural Reforms	National Conference	IIRR, Hyderabad	09.09.17	10.09.17
**24.	International Conference on Biocontrol and Sustainable Insect Pest Management (ICBS)	International Conference	AC & RI, Killikulam	29.01.18	31.01.18
**25	International Conference on Advances in Agriculture and Allied Science Technologies for Sustainable Development	International Conference	Osmania University, Hyderabad	10.02.18	11.02.18
*26.	TV Ramakrishna Ayyar Memorial Lecture and Workshop on Entomology and Entrepreneurship	Workshop	AC & RI, Madurai and ESI, New Delhi	13.02.18	-
*27.	The Science of Yogic Breathing	International Web Conference	Presidency College, Chennai	24.07.20	-
*28.	National Webinar on Plant Biological Interventions for Climate Smart Agriculture	National Webinar	Bihar Agricultural University, Bihar	30.07.20	-
*29.	ICAR-NRCB Webinar on Integrated Insect Pests and Nematodes Management in Banana	National Webinar	ICAR – National Research Centre for Banana, Trichy	04.08.20	-
@30.	Invasive Agricultural Pests of India	Popular Science Webinar	District Science Centre, Tirunelveli	09.08.20	-
*31.	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	-
*32.	Integrated Pest Management on Fall Army Worm in Maize Crop	National Webinar	Irrigation Management Training Institute, Trichy	25.08.20	-
*33.	Recent Scientific Advances in Agricultural and Environmental Sciences	National Conference	Dr. B. V. David Foundation, Chennai	05.12.20	-

*Attended (National: 18; International: 03)

** 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

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
AEN 201	Fundamentals of Entomology (2+1)	II B.Sc. (Hort.)	29.08.2016	06.01.2017

Contribution to the Science

Research Articles

- ✓ **Parthiban, P.,** C. Chinniah, R. K. Murali Baskaran, M. Kalyanasundaram, K. Suresh and S. Karthick. Biochemical alternation and silicon accumulation in groundnut (*Arachis hypogaea* L.) in response to root and foliar application of two sources of silicon. **2019.** *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.
- ✓ **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).
- ✓ **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.
- ✓ **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>.
- ✓ **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).
- ✓ **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).
- ✓ **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).
- ✓ 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).

- ✓ 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).
- ✓ **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).
- ✓ 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).
- ✓ 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).
- ✓ 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).
- ✓ **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).
- ✓ **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).
- ✓ 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).
- ✓ **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).
- ✓ **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).
- ✓ 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).
- ✓ **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).
- ✓ **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).
- ✓ 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).
- ✓ **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).
- ✓ **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).
- ✓ 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).

- ✓ 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.
- ✓ 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).
- ✓ 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).
- ✓ 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).
- ✓ 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).
- ✓ 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).
- ✓ **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).
- ✓ **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).
- ✓ **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).
- ✓ **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).
- ✓ **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).
- ✓ **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).
- ✓ **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).
- ✓ **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).
- ✓ **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).
- ✓ **Parthiban, P.**, R. K. Murali Baskaran and K. Thangavel. 2014. Acute toxicity of Emamectin benzoate 5 WG against *Spodoptera litura* (Fab.) of cabbage. *Annals of Plant Protection Sciences*, 22 (2): 260–263. (ISSN: 0971-3573).

Review Article

- ✓ Murali-Baskaran, R.K., K. Sharma, P. Kaushala. J. Kumar, **P. Parthiban**, S. Senthil-Nathan and R. W. Mankin. 2018. Role of kairomone in biological control of crop pests-A review. *Physiological and Molecular Plant Pathology*. Elsevier. 101: 3-15. (ISSN: 0885-5765). <https://doi.org/10.1016/j.pmpp.2017.07.004>.
- ✓ Karthick, K. S., C. Chinniah, **P. Parthiban**, A. Ravikumar. 2018. Prospects and challenges in Meliponiculture in India. *International Journal of Research Studies in Zoology* 4 (1): 29-38. (ISSN:

- 2454-941X).
- ✓ Karthick., K. S., C. Chinniah, **P. Parthiban** and A. Ravikumar. **2018**. Newer report of Rugose Spiraling Whitefly, *Aleurodicus rugioperculatus* Martin (Hemiptera: Aleyrodidae) in India. *International Journal of Research Studies in Zoology* 4 (2): 12-16. (ISSN: 2454-941X).
 - ✓ **Parthiban, P.**, C. Chinniah, R. K. Murali Baskaran, K. Suresh and A. Ravikumar. **2016**. Induced resistance in crops. *E Journal of Agriculture Science*. 1: 1-16.
 - ✓ Karthick, K. S., **P. Parthiban**, C. Chinniah, K. Suresh and A. Ravikumar. **2016**. Sonification behaviour of insects. *E Journal of Agriculture Science*, 1(2): 36-54.
 - ✓ Rajesh, P., T. Ragavan, **P. Parthiban**, A. Sathishkumar and K. S. Karthick. **2016**. Polymers in production and protection agriculture: A review. *E Journal of Agriculture Science*, 2(1): 77-87.
 - ✓ **Parthiban, P.**, A. Ravikumar and C. Chinniah. **2016**. Newer Insecticidal Molecules and Their Implication on Pest Management – Ecofriendly Insecticides for IPM. *Advances in Life Sciences*, 5(23): 10854-10859. (ISSN: 2278-3849).
 - ✓ Ravikumar, A., **P. Parthiban** and C. Chinniah. **2016**. Genetic Improvement of Fungal Pathogens. *Advances in Life Sciences*, 5(23): 10860-10865. (ISSN: 2278-3849).

International Conference Papers

- ✓ **Parthiban, P.**, C. Chinniah, R.K. Murali Baskaran, K. Suresh and A. Ravikumar. **2018**. Positive influence of intercrops on Green lacewing, *C. zastrowi sillemi* in groundnut eco-system. International Conference on Biocontrol and Sustainable Insect Pest Management (ICBS). AC & RI, Killikulam. 186-188 pp (ISBN: 978-93-81102-46-6).
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