



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	Microbiology & Guide Nematology Work	2024 [#]
2.	Ms. S. S. Shwetha	M.Sc. (Biotechnology) Thesis Work Pooja Bhagavat Memorial Mahajana P. G. Centre, Mysore, Karnataka	Microbiology & Guide Nematology Work	2024 [#]
3.	Ms. Baharani Soren	M.Sc. (Biotechnology) Thesis Work Ranchi University, Ranchi, Jharkhand	Stored Product Guide Entomology Work	2024 [#]
4.	Ms. T. Geetha	M.Sc. (Microbiology) Internship Work Dr. N.G.P. Arts and Science College, Coimbatore, Tamil Nadu	Microbiology & Guide Stored Product Entomology Work	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. Kalaivani 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*

#Ongoing; *Completed

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 ecosystem (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*, **11**, 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 annuum* 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 rugioeperculatus* 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).
- ✓ **Parthiban, P., R. K. Murali Baskaran, C. Chinniah and K. Thangavel. 2015.** Field evaluation of Emamectin benzoate 5 WG against spider predators in okra ecosystem. International conference on innovative insect management approaches for sustainable agro eco-system (IIMASAE). AC & RI, Madurai. 470–472 pp.
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| ✓ Indian Journal of Entomology | Life member | 2020 |
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