

1.	<b>Name</b>	:	<b>Dr. KARTHICK, K. S.</b>	
2.	<b>Designation</b>	:	Asst. Professor (Agrl. Entomology)	
3.	<b>Office Address</b>	:	Sethu Bhaskara Agricultural College and Research Foundation, Karaikudi – 630 306.	
4.	<b>Permanent Address</b>	:	383 D/ 19B, Balaji nagar, Periyar nagar (south), Vridhachalam (PO & TK), Cuddalore (Dt.) – 606 001	
5.	<b>E – mail Id</b>	:	kthick555@gmail.com	
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### 7. Educational Qualification

Course	Institution / University Studied	Year	Marks Secured (%)
<b>B.Sc. (Agriculture)</b>	Tamil Nadu Agricultural University, AC & RI, Madurai – 625 104	2008 – 12	77.40
<b>M.Sc. (Agricultural Entomology)</b>	Tamil Nadu Agricultural University, PAJANCOA & RI, Karaikal – 609 603	2012 – 14	81.70
<b>Ph.D. (Agricultural Entomology)</b>	Tamil Nadu Agricultural University, AC & RI, Madurai – 625 104	2015 – 20	83.00
<b>ASRB Net Examination: PASS in Agricultural Entomology (2018)</b>			

### 8. Course work and other additional works

SI. No.	Course no.	Course Title
1.	AEN 201	Fundamentals of Entomology (2 + 1)
2.	AEN 202	Management of Beneficial and Harmful Insects (2 + 1)
3.	ANM 201	Introductory Nematology (0 + 1)

4.	APW 401	Project Report Preparation, Presentation and Evaluation (0 + 1) for 2018 and 2019 batch students
<b>Additional Work</b>		
6.	Year Co – coordinator for 2021 batch students	
7.	Ward counsellor for 2020, 2021 and 2022 batch students	
8.	Lab in charge in Agricultural Entomology	
9.	Purchase committee for Associate for laboratory	

### 9. Experience Regarding Previous Experience

S. No	Employer	Post held	Pay drawn	Period of employment		Y	M	D
				From	To			
1.	KVK Vridhachalam	Technical Assistant	Rs.8,000	22.05.2015	26.08.2008	0	03	04
			<b>Total</b>			<b>0</b>	<b>03</b>	<b>04</b>

### 10. Details of Seminar/ Conference/ Training Attended

S. No.	Title	Name of the programme	Place	Duration	
				From	To
1.	Innovative Insect Management Approaches for Sustainable Agro Eco – System (IIMASAE)	International Conference	Agricultural College and Research Institute, Madurai	27.01.2015	30.01.2015
2.	Principles and applications of PCR in genomics era	Workshop	Agricultural College and Research Institute, Madurai	23.06.2016	-
3.	Recent Trends in Pest and Disease Management Strategies to Align with Environmental Protection	National Seminar	Adhiparasakthi Agricultural College, G.B. Nagar, Kalavai, Vellore, Tamil Nadu, India	12.07.2016	-
4.	New Horizons, Emerging Challenges and Recent Paradigms in	International Conference	American College (Autonomous), Madurai.	31.08.2016	01.09.2016

	Food Mediated Immunity and their Role In Human Health and Longevity				
5.	Innovative Technologies in Insect Science	National seminar	Guru Nanak College	14.10.2016	-
6.	Functional molecule identification in agriculture and food industry: High performance liquid chromatography (HPLC/UPLC)	Workshop	Agricultural College and Research Institute, Madurai	11.01.2017	-
7.	GS – MS Analytical platforms for Metabolomics: A way to understand complex biological pathways	Workshop	Agricultural College and Research Institute, Madurai	14.02.2017	-
8.	Optical microscopy: Comfortable workflow for image acquisition and processing	Workshop	Agricultural College and Research Institute, Madurai	07.06.2017	-
9.	Insect – Plant Interactions and Insect Pest Management	Science Academies Lecture workshop	Sathyabama Institute of Science and Technology	04.01.2018	05.01.2018
10.	Bicontrol and Sustainable Insect Pest Management (ICBS)	International Conference	Agricultural College and Research Institute, Killikulam	29.01. 2018	31.01.2018
11.	Entomology and Entrepreneurship	TV Ramakrishna Ayyar Memorial Lecture and Workshop	ESI (Madurai Chapter) & Agricultural College and Research Institute, Madurai	13.02.2018	-

## 11. Publications:

1. Research articles : 08
2. Book chapters : 3
4. Conference Abstracts : National -1
5. Symposium abstracts : 1

## 12. Membership in Scientific Bodies

1. Life membership in Pest Management in Horticultural Ecosystems (AAPMHE, Bengaluru)
2. Life membership in Society for Biocontrol Advancement (NBAIL, Bengaluru)

## Publications

### Research articles

S. No.	Article	NAAS rating
1.	<b>Karthick, K. S.,</b> M. Kandibane and K. Kumar. 2014. Safety of newer insecticides to natural enemies in the coastal rice ecosystem of Karaikal, U.T. of Puducherry. <i>Journal of Biopesticides</i> , 7(2):194 – 197.	4.83
2.	<b>Karthick, K. S.,</b> M. Kandibane and K. Kumar. 2015. Effect of newer insecticides to natural enemies in the coastal rice ecosystem of Karaikal district, Union Territory of Puducherry. <i>Asian Journal of Bio science</i> , 10 (1): 39 – 42.	3.54
3.	<b>Karthick, K. S.,</b> C. Chinniah, T. Ramasubramanian, M. Kalyanasundaram, K. Devrajan and N.S. Venkataraman. 2019. Seasonal incidence and influence of weather factors on the population dynamics of sugarcane web mite, <i>Schizotetranychus andropogoni</i> Hirst on sugarcane. <i>Int. J. Curr. Microbiol. App. Sci.</i> , 8 (7): 1695 – 1702.	5.38
4.	<b>Karthick, K. S.,</b> C. Chinniah, T. Ramasubramanian, M. Kalyanasundaram, K. Devrajan and N.S. Venkataraman. 2019. Studies on biology of leaf (or) web mite, <i>Schizotetranychus andropogoni</i> Hirst (Acari: Tetranychidae) on varieties of sugarcane. <i>Annals of Plant Protection Sciences</i> , 27 (2): 220 – 225.	4.82
5.	<b>Karthick, K. S.,</b> C. Chinniah, T. Ramasubramanian, M. Kalyanasundaram, K. Devrajan and N.S. Venkataraman. 2019. Efficacy of some acaricides against sugarcane web mite, <i>Schizotetranychus andropogoni</i> Hirst. <i>Indian Journal of Entomology</i> , 81 (4): 651 – 655.	5.89
6.	P. Parthiban, C. Chinniah, R. K. Murali Baskaran, M. Kalyanasundaram, K. Suresh and <b>K. S. Karthick</b> . 2019. Influence of calcium silicate application on the population of sucking pests of groundnut ( <i>Arachis hypogaea</i> L.). <i>Silicon</i> ,	7.21

	11(3): 1687 – 1692.	
7.	P. Parthiban, C. Chinniah, R. K. Murali Baskaran, M. Kalyanasundaram, K. Suresh and <b>K. S. Karthick</b> . 2019. Biochemical alternation and silicon accumulation in groundnut ( <i>Arachis// hypogaea</i> L.) in response to root and foliar application of two sources of silicon, Phosphorus, Sulfur, and Silicon and the Related Elements, 194 (9): 917 – 921.	6.78
8.	P. Parthiban, C. Chinniah, R. K. Murali Baskaran, N. Muthukrishnan, D. S. Rajavel and <b>K. S. Karthick</b> . 2018. Influence of calcium silicate application on the population of <i>Aproaerema modicella</i> Deventer (Lepidoptera: Gelechiidae) on groundnut. <i>Entomon</i> , 43(4): 231 – 236	4.42

### **Book chapters**

1.	<b>Karthick, K. S.</b> , M. Kandibane, P. Parthiban, C. Chinniah and A. Ravikumar. 2016. Alternate weed host plants of leaf folder, <i>Cnaphalocrocis medinalis</i> (Guenee) in wetland condition. pp 42 – 43. In: Recent Trends in Pest and Disease Management Strategies to Align with Environmental Protection, (eds S. Nanthakumar and B.Rajendran), Today Publications, Bangalore. 172 p.
2.	<b>Karthick, K. S.</b> , M. Kandibane and K. Kumar. 2015. Screening of rice genotypes against the leaf folder, <i>Cnaphalocrocis medinalis</i> (Guenee) in the coastal rice ecosystem of Karaikal, U. T. of Puducherry, South India. pp 238 – 240. In: Innovative Insect Management Approaches for Sustainable Agro Eco – System (IIMASAE). (eds. G. Srinivasan, R. Nalini, J. Jayaraj, C. Muthiah, S. Manisegaran, K. Premalatha, P. Chandramani, W. Babyrani, C. Chinniah, M. Kalyanasundaram and C. Chinnusamy).
3.	<b>Karthick, K. S.</b> , M. Kandibane and K. Kumar. 2015. Bioefficacy of newer insecticides against the leaf folder, <i>Cnaphalocrocis medinalis</i> (Guenee) in the coastal rice ecosystem of Karaikal district, Union territory of Puducherry, India. pp 490 – 491. In: Innovative Insect Management Approaches for Sustainable Agro Eco – System (IIMASAE). (eds. G. Srinivasan, R. Nalini, J. Jayaraj, C. Muthiah, S. Manisegaran, K. Premalatha, P. Chandramani, W. Babyrani, C. Chinniah, M. Kalyanasundaram and C. Chinnusamy).

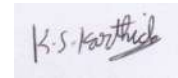
### **Research abstracts of National level conference**

1.	<b>Karthick, K. S.</b> , M. Kandibane, P. Parthiban, and A. Ravikumar. 2016. Bioefficacy of newer insecticides against the leaf folder, <i>Cnaphalocrocis medinalis</i> Guenee (Pyralidae: Lepidoptera) in rice. In: National Seminar on Innovative Technologies in Insect Science, Guru Nanak College, Velachery, Chennai, Tamil Nadu, India during October 14, 2016.
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**International Symposium abstracts:**

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| 1. | B. Poovizhiraja, C. Chinniah, A. Ravikumar and <b>K. S. Karthick</b> . 2018. Influence of irrigation schedule on the biological parameters of Two Spotted Spider mite TSSM, <i>Tetranychus urticae</i> Koch. on French bean, Pumpkin and Cassava: In: International Symposium on Innovations and Advancements in Agriculture and Plant Sciences (IAAPS), DSAC, Perambalur, May 23, 2018. p. 204. |
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Signature



**(K. S. KARTHICK)**