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Date of Birth

9th November 1963

Citizenship

Sri Lankan

Civil status

Married, One child

Language Proficiency

Proficient in Sinhala and English

Vision statement

“Strive to serve the agriculture community for achieving economic prosperity, and wisdom through dedicated and committed intellectual effort for creating and disseminating knowledge in the fields of Agricultural Entomology and Plant Protections as well as by contributing to produce the best graduates who could make the society a better place”.

Teaching, Scholarship and Academic Development

1. Service

28.8.2017 – to date	Professor in Entomology
15.1.2001 - 2017	Senior Lecturer (Grade I)
15.1.1995-14.1.2001	Senior Lecturer (Grade II)
15.1.1991-14.1.1995	Lecturer (Probationary)
15.1.1990-14.1.1991	Assistant Lecturer

2. Qualifications

2000-2004	Doctor of Philosophy University of Manitoba, Canada. Thesis topic: Parasitoids of <i>Delia radicum</i> (Diptera, Anthomyiidae): Assessment of potential agents for classical biological control.
1992-1994	Master of Philosophy University of London, United Kingdom. Thesis topic: Development, reproduction and feeding behaviour of <i>Delphastus pusillus</i> , a Coccinellid predator of Glasshouse whitefly, <i>Trialeurodes vaporariorum</i> .
1984-1989	Bachelor of Science (Agriculture) Special; Second Class Upper University of Peradeniya, Sri Lanka Field of specialization: Entomology Dissertation topic: Effect of neem oil on <i>Plutella Xylostella</i> (Lepidoptera, Yponomeutidae) and other caterpillar species damaging cucifers in Sri Lanka.

3. Awards

Presidential Scholarship for Higher Education in 1992. A full scholarship was awarded to study for M.Phil. degree at Wye College, University of London, United Kingdom (September, 1991-September, 1994).

Canadian Commonwealth and Fellowship Programme-2000. A full scholarship was awarded to study for Ph.D. degree in University of Manitoba, Canada (September, 1999 – April, 2004).

Entomological Society of Manitoba Postgraduate Scholarship 2002.

Entomology Society of Canada Student Travel Award 2002.

UK Commonwealth Scholarship and Fellowship Plan 2012. The fellowship was awarded to study on taxonomy of insect parasitoids in Natural History Museum, Cromwell Rd, Kensington, London SW7 5BD, UK. (1st September, 2012 – 1st January, 2013).

JICA Fellowship – 2016. Awarded a fellowship under Knowledge Co-creation Programme, Japan International Cooperation Agency (JICA), to obtain a training on "Thermal treatment for disinfestations of fruit flies" at Naha Plant Protection Center, Naha, Okinawa and Okinawa International Center, 1143-1 Aza-Maeda, Urasoe-Shi, Okinawa 901-2552, Japan. (11th May – 7th September, 2016).

President's Awards for Scientific Publications in 2007: Journal of Applied Entomology 131(5): 338-346 and Biocontrol 43(1): 85-94

4. Current Interest

Agricultural Entomology
Biological Control of Insect Pests
Insect Taxonomy
Insect Pest Management
Domestic Pest Control

5. Postgraduate Supervision

Doctor of Philosophy (Ph.D.)

Student Name: Mrs. R Gnaneswaran (PGIA/4/5236)

Thesis title: : Taxonomy and Ecology of Leafhoppers in Sri Lanka

Institute: Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya

Year of Completion: 2010

Contribution: Senior Supervisor

Student Name: Mr. UGAI Sirisena (10-8531)

Thesis title: Diversity and Ecology of mealybugs (Hemiptera: pseudococcidae) in Agroecological systems of Sri Lanka

Institute: Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya

Year of Completion: 2014

Contribution: Senior Supervisor

Student Name: Ms. KMG Chanchala (14-401)

Thesis title: The plant vector relationship between sugarcane plant and vector of sugarcane white leaf disease (WLD), *Deltocephalus menoni* (Hemiptera: Cicadellidae) to identify criteria for varietal evaluation

Institute: Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya

Year of Completion: 2021

Contribution: Senior Supervisor

Master of Philosophy (M.Phil.)

Student Name: Ms. MCD Perera (11-8735)

Thesis title: Selection and evaluation of egg parasitoids for potential biocontrol of rice leaf folder, *Cnaphalocrocis medinalis*.

Institute: Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya

Year of Completion: 2016

Contribution: Senior Supervisor

Student Name: Mr. SAA Singhamuni (11-8873)

Thesis title: Selection and evaluation of egg parasitoids for potential biocontrol of crucifer feeding caterpillars.

Institute: Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya

Year of Completion: 2015

Contribution: Senior Supervisor

Student Name: Mr. K Prasannath (11-8873)

Thesis title: Impacts of climatic parameters and crop management practices on induction of host plant resistance and population dynamics of beneficial insects towards management of viral diseases in chilli and tomato.

Institute: Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya

Year of Completion: 2015

Contribution: Co- Supervisor

Student Name: Ms. T Nagalingam (PGIA 96-6166)

Thesis title: Diversity of parasitoids of major vegetable insect pests in the midcountry region of Sri Lanka.

Institute: Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya

Year of Completion: 2008
Contribution: Co- Supervisor

Student Name: Ms. S Mayadunnage (PGIA 2007-6802)
Thesis title: Investigation of the diversity of predators of insect pests in vegetable ecosystems of mid country regions of Sri Lanka
Institute: Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya
Year of Completion: 2010
Contribution: Co- Supervisor

Student Name: Ms. GDN Menike (PGIA 2012-103)
Thesis title: Molecular variations of viruses infecting chilli (*Capsicum annum* L.) and tomato (*Solanum lycopersicum* L.) and insect vectors involved with virus transmission in different agroecological zones of Sri Lanka.
Institute: Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya
Year of Completion: 2017
Contribution: Co- Supervisor

6. Participation in continuing Professional Development Programmes/Extension Courses/Short courses/workshops

6.1 Participation:

1. Workshop on "Pre-entry risk assessment of invasive alien species" organized by the Ministry of Environment and Mahaweli Development on 17th November, 2016, held in Royal Botanical Garden, Peradeniya under the programme Strengthen the capacity to control introduction and spread of invasive alien species in Sri Lanka.
2. Seminar on legal and ethical aspects in conducting research on 10th November, 2016 at Faculty of Agriculture, University of Peradeniya; organized by the Research Committee, Faculty of Agriculture.
3. Training on "Thermal treatment for disinfestation of fruit flies" at Naha Plant Protection Center, Naha, Okinawa and Okinawa International Center, 1143-1 Aza-Maeda, Urasoe-Shi, Okinawa 901-2552, Japan. Knowledge Co-creation Programme, Japan International Cooperation Agency. 11th May – 7th September, 2016.
4. Workshop on "Finalize the Pest Management Decision Guides (PMDG's) and Preparation of Green and Yellow lists". The workshop was organized by Permanent Crop Clinic programme (PCCP), CABI, Switzerland and Plant Protection Service, Department of Agriculture at PGRC, Gannoruwa,

Peradeniya on 6th -8th May, 2014.

5. Training on "Taxonomy of *Trichogramma* spp." Natural History Museum, Cromwell Road, London SW7 5BD, United Kingdom. October-December, 2012. Commonwealth Professional Fellowship, Commonwealth Scholarship Commission in the UK, Woburn House, 20-24 Tavistock Square, London WC1H 9HF, UK.
6. Annual Symposium on Minor Export Crops (ASMEC), organized by Department of Export Agriculture, Gatabe, Peradeniya and held at PGRC, Gannoruwa, Peradeniya on 16th -17th August, 2012.
7. Annual Congress, Postgraduate institute of Agriculture held at PGRC, Gannoruwa, Peradeniya. Organized by Postgraduate institute of Agriculture, University of Peradeniya. 2005 - 2016.
8. Stakeholder meeting and workshop on "Minimizing postharvest losses and increasing storage life of fruits and vegetables" on 4th March, 2011. Organized by Faculty of Agriculture, University of Peradeniya.
9. Consultative workshop: Networking Agriculture Research in Universities and Ministry of Agriculture Sri Lanka. Development of an Agricultural Research Information sharing system/Network. 13th December, 2011 at Faculty of Agriculture. Organized by Ministry of Agriculture, Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya.
10. National workshop on classification of pesticides. 16th December, 2011, Faculty of Agriculture. Organised by Agriculture Education Unit, Faculty of Agriculture, National Committee in Plant Protection, Sri Lanka Council for Agricultural Research Policy and CropLife Sri Lanka.
11. Consultative workshop on "Pesticide Information sharing network (SPINet)" for SAARC Region. The workshop was organized by SARRC Agriculture Center (SAC), Dhaka, Bangladesh and the Department of Agriculture, Peradeniya and held at In-Service Training Institute, Gannoruwa, Peradeniya. 30th June, 2011.
12. Workshop on National Priorities in Plant Protection Research and Development held at Rice Research and Development Institute, Batalagoda on 9th May, 2011 organized by National Committee in Plant Protection, Sri Lanka Council for Agricultural Research Policy.
13. Workshop on Revision of Curriculum held at Oruthota Chalets, Digana on 31st December, 2011 and 1st January, 2012, organized by Curriculum Development Committee, Faculty of Agriculture, University of Peradeniya.

14. National workshop on “Development of Management strategies for Weligama coconut leaf wilt disease”, organized by Sri Lanka Council of Agricultural Research Policy (SLCARP), 11th January, 2011 at SLCARP, Colombo.
15. National workshop on “Vector transmission studies in the Agricultural crop sector”, organized by Sri Lanka Council of Agricultural Research Policy (SLCARP), 30th November, 2010 at SLCARP, Colombo.
16. Workshop for “Finalizing the national priorities in Plant Protection for incorporation into the national agriculture research plan 2012”, organized by Sri Lanka Council of Agricultural Research Policy (SLCARP), 6th May, 2011 at Rice Research and Development Institute, Batalagoda.
17. Workshop on “Human Resource Development : Attitude Development” for the academic staff of the Faculty of Agriculture, University of Peradeniya, organized by IRQUE (QEF) project, Faculty of Agriculture and held in Hotel Tourmaline, Kandy on 19th -20th December, 2009.
18. Training on Development of computer based learning materials at Center for Biological Information Technology (CBIT), University of Queensland, Brisbane, Australia. Three weeks – 2009.
19. University of Manitoba WebCT winter Workshop, University Teaching Service, University of Manitoba. (10 h), January, 2003.
20. European Workshop in 8th European Workshop on Insect Parasitoids “Community Ecology”. Tours, France. 1st – 5th September, 2002.
21. Course Construction and Organization, University Teaching Service, University of Manitoba. 9th -13th December, 2002.
22. Teaching techniques, Interactive workshop organized by University Teaching Service, University of Manitoba. (15 h), March, 2001.
23. Introduction to PowerPoint, University Teaching Service, University of Manitoba. 14th December, 2001.
24. Evaluation of Student Learning, University Teaching Service, University of Manitoba. 13th December, 2001.
25. Academic Integrity, University Teaching Service, University of Manitoba. 10th November, 1999.
26. Empowering Students to Learn, University Teaching Service, University of

Manitoba. 24th November, 1999.

27. One week training on preparation of micro slides, and identification of *Aleochara* species that parasitize *Delia radicum* puparia under the supervision of Dr. J. Klimaszewski, Aleochara taxonomist, St. Laurention, Forestry Research Center, Quebec.
28. Workshop on "Study of insect diversity" at Dambulla, Sri Lanka on 23rd -26th January, 1998, organized by Biodiversity skill enhancement project, 238/ 5 A, Havelock Road, Colombo.
29. Workshop on "Collection and curation techniques of insects for taxonomy study" at Horticulture Research and Development Institute, Gannoruwa and Randenigala, Sri Lanka on 21st -23rd November, 1997 organized by Biodiversity Skill Enhancement Project, 238/ 5 A, Havelock Road, Colombo.
30. Workshop on "Safe and effective use of pesticides" at Faculty of Agriculture, Rajarata University, Makadura on 13th -17th October, 1997 organized by Zeneca Agrochemicals, Fernhurst, Surrey, GU27 3JE, UK and Chemical Industries (Colombo) Ltd., CIC House, Colombo 2, Sri Lanka.
31. Participated in FAO/IAEA Regional training course on SIT and F-1 sterility for control or eradication of noxious insects in Southeast Asia held at the Okinawa Prefectural Fruit Fly Eradication Project Office, Okinawa, Japan 6th - 12th November, 1995 and Philippine Nuclear Research Institute, Manila, Philippines, 13th November – 1st December, 1995; organised by the IAEA and FAO, in co-operation with the Government of Japan through the University of Ryukyus, and the Government of Philippines through the Philippine Nuclear Research Institute.
32. International workshop on Management of *Bemisia tabaci* at Belgrave Square, London, UK. 25th January, 1994.
33. The pesticide user training course on Hand Held Applicators; conducted according to the approved training recommendations published by the Agricultural Training Board to meet the general requirements of the control of pesticides regulations 1986. One day training on 7th July, 1993.
34. The pesticide user training course on Safe Use and Handling of Pesticides; conducted according to the approved training recommendations published by the Agricultural Training Board to meet the general requirements of the control of pesticides regulations 1986. One day training on 16th June, 1993.
35. Completed the assigned course work for M.Sc. in Integrated Pest and Disease Management, Wye College, University of London.

36. Attended the Pre-University Induction Course in Hilderstone College, Broadstairs, Kent, UK from 27th July – 3rd October, 1992.

37. Teaching Methods Workshop, Faculty of Agriculture, University of Peradeniya, Peradeniya. 20th January - 01st February, 1992.

6.2 Resource person

1. Course Coordinator and a Resource person for the course: Certificate course in Pest control, conducted by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya for the industry. (The course was conducted 5 times in 2016, 2015, 2014, 2013 and 2012).
2. Served as a resource person for the Training programme on “General Agriculture”, a 45-day residential programme, under Divinaguma programme, Ministry of Economic Development, organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya. 8th October-6th December, 2013.
3. Served as a resource person for the Certificate course on General Agriculture, a 45-day residential programme, under Second Community Development and Livelihood Improvement (SCDLI) Project, Ministry of Economic Development, organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya. 24th January-22nd March, 2012.
4. Served as a Resource person for Study Abroad programme on “Sustainable Tropical Agriculture Systems of Sri Lanka” offered to the students of Michigan State University, USA. The programme was organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya. 14th May-8th June, 2015.
5. Served as a Resource person for Study Abroad programme on “Sustainable Tropical Agriculture Systems” offered to the students of Michigan State University, USA. The programme was organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya. 8th May-4th June, 2014.
6. Served as a Resource person for Study Abroad programme on “Sustainable Tropical Agriculture Systems” offered to the students of Michigan State University, USA. The programme was organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya. 9th May-3rd June, 2013.

7. Served as a Resource Person a short course on “Integrated Pest Management” for the field officers of the Ministry of Economic Development. The programme was organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya. 10th -12th February, 2013.
8. Served as a Resource person for the training “Pest and Disease Management” held at Pemaduwa, Madawachchiya (North Central Province). The programme was organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya. 27th May, 2011.
9. Served as a Resource person for the training “Certificate course in Seed Production Technology”. The programme was organized by the Department of Crop Science. Faculty of Agriculture, University of Peradeniya. 8th -10th February, 2012.
10. Served as a Resource Person for a training programme on “Modern agriculture techniques” by delivering a lecture on “Role of microbes as a biological pesticide in modern agriculture”. The training programme was organized by Ceylon Tobacco Company, 175, Paranagantota Road, Mawilmada, Kandy on 6th August, 2007.
11. Served as a Resource Person the training programme on “Reduction of agrochemical and fertilizers” for the field extension officers and farmers. The programme was organized by the Ministry of Agriculture (Central Province), Gatabe, Peradeniya. The programme was held in 14 places: Nuwara Eliya (03.09.2009), Kadapola (03.09.2009), Haguranketha (17.09.2009), Rikillagaskada (17.09.2009), Bulugahapitiya (24.09.2009), Pallebowala (24.09.2009), Mandaram Nuwara (28.09.2009), Maturata (28.09.2009), Karalliyadde (01.10.2009), Mulhal (08.10.2009), Munwatta (08.10.2009), Nildandahena (19.10.2009) and Teripehe (19.10.2009).
12. Served as a Resource Person for the workshop on “Biosafety: Risk assessment and Management of genetically modified organisms, food, feed and processed products (GMO/FFPs)” by delivering a lecture on “Interactions between GM crops and IPM”. The training programme was organized by Board of Study: Agricultural Biology, Postgraduate Institute of Agriculture, University of Peradeniya and Ministry of Environment and held at Postgraduate Institute of Agriculture, Peradeniya on 7th -9th September, 2010.

13. Served as a Resource Person the training programme on “Introduction of solar powered drip irrigation and water management in crop cultivation in protected houses” by delivering a lecture on “Pest and Disease Management in fruits and leaf vegetables under Protected houses” for the field extension officers and growers. The programme was organized by the Extension and Training Division, Department of Agriculture, Peradeniya.
14. Served as a Resource person for the training on “Ecological Agriculture” by delivering a lecture on “Problems associated with pesticide use and ecological pest management”, held at *Gamiseva sevana*, Galaha. The programme was organized by Movement for National Land and Agricultural Reform (MONLAR), 1151/58 A, 4th Lane, Kotte Road, Rajagiriya. 5th -7th May, 2011.
15. Served as a Resource person for the training on “Ecological Agriculture” by delivering a lecture on “Problems associated with pesticide use and ecological pest management”, held at *Gamiseva sevana*, Galaha. The programme was organized by Movement for National Land and Agricultural Reform (MONLAR), 1151/58 A, 4th Lane, Kotte Road, Rajagiriya. 27th -30th May, 2011.
16. Served as a Resource Person for a training programme on “Teacher Training Programme: Technology Stream of GCE A/L” by delivering a lecture and conducting practicals on “Insect Pest Management”. The training programme was organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya on request of Provincial Department of Education, Central Province, Kandy. 16th -17th July, 2015.
17. Served as a Resource Person for the short course on “Plant Protection Techniques” for newly recruited Research Officers to the Department of Agriculture. The workshop was jointly organized by the Board of Study Plant Protection, Postgraduate Institute of Agriculture and Sri Lanka Council of Agricultural Research Policy (SLCARP), Colombo. 24th November-4th December, 2014.
18. Served as a Resource person for the training on “Sustainable Agriculture” by delivering a lecture on “Integrated Pest Management”, held at Inservice Training Institute, Mahalluppallama. The programme was organized by Movement for National Land and Agricultural Reform (MONLAR), 1151/58 A, 4th Lane, Kotte Road, Rajagiriya. 22nd -24th April, 2005.

19. Served as a Resource person for “Residential training programme for Agricultural Extension field officers from the Republic of Maldives.

7. Research Projects

1. Biodiversity of leafhoppers (Cicadellidae) and their parasitoids in horticultural crops in the Mid Country in Sri Lanka. Sri Lanka Council for Agricultural Research Policy, Wijerama Mawatha, Colombo 7. Grant No. 12/668/504, Rs. 1,271,880.00. (2006-2008): Principal Investigator
2. Biological Control of mealybugs and whitefly populations using locally available coccinellid predators through augmentation and release: National Science Foundation, Maitland Place, Colombo 7. NSF/RG/2014/AG/02, Rs 1,941,864.00 (2014-2017): Principal Investigator
3. Selection and evaluation of potential egg parasitoids for biocontrol of rice leaf folder (*Cnaphalocrocis medinalis*): National Research Council, Colombo 7. Grant No. NRC/11-116 (2011), Rs. 1,304,000.00: Principal Investigator
4. Selection and evaluation of potential egg parasitoids for biocontrol of Crucifer feeding caterpillars. National Science Foundation, Maitland Place, Colombo 7. NSF/RG/2011/AG/05, (2011), Rs 1,484,952.00 :Principal Investigator
5. Species diversity and abundance of crop pollination in different agriculture systems of Mid-country in Sri Lanka. Biodiversity secretariat, Ministry of Environment and Renewable Energy, 980/5, Wickramasinghe Place, Ethul Kotte. Principal Investigator
6. Assessment of parasitoid fauna associated with house fly pupae. University Research Grant, University of Peradeniya. RG/2011/04/Ag : Principal Investigator
7. Identification of *Trichogramma* egg parasitoids in vegetable ecosystems. University Research Grant, University of Peradeniya. RG/2013/02/Ag : Principal Investigator
8. Identification of bee-foraging plants in selected home gardens in mid-country wet zone. Ministry of Mahaweli Development and Environment, “Sampathpaya”, No. 82, Rajamalwatta Road, Battaramulla, Rs. 369, 400.00: Principal Investigator
9. Diversity of Soil Dwelling Insect Fauna in Tea under Organic and Conventional Cultural Practices. Biodiversity secretariat, Biodiversity Secretariat, Ministry of Mahaweli Development & Environment, “Sampathpaya”, No. 82, Rajamalwatta Road, Battaramulla. : Principal Investigator
10. Development of eco-friendly methods of controlling plant virus diseases, (2012) HETC/QIGW3/PGIA : Collaborating Scientist.

11. Development of Organic Production Protocols for Commercial Scale Greenhouse Vegetable Production, NARP: Sri Lanka Council for Agricultural Research Policy, Wijerama Mawatha, Colombo 7 under NARP: Collaborating Scientist (2011-2018).
12. Development of Crop health based Integrated Pest Management (IPM) package for managing cinnamon pests (arthropods, pathogens and weeds). Sri Lanka Council for Agricultural Research Policy, Wijerama Mawatha, Colombo 7. Collaborating Scientist
13. Diversity and ecology of mealybugs (Hemiptera: Pseudococcidae) in agro-ecological systems of Sri Lanka. RUSL/O-Agri/N2, Rs. 2,100,00.00 : Principal Investigator
14. Assessment of parasitoid and predatory insects of insect pests in vegetable ecosystems in mid-country of Sri Lanka.). (CARP/12/616/464). Sri Lanka Council for Agricultural Research Policy, Wijerama Mawatha, Colombo 7, Rs. 2,000,000.00 : Collaborating Scientist
15. Development of a sustainable cropping system to minimize the environmental pollution in the fruit and vegetable based cropping system at Kalpitiya, Sri Lanka. URG/2016/04/Ag , Rs. 979,000.00: Collaborating Scientist
16. Assessment of introduced nesting sites for non-Apis bee pollinators in vegetable agro-ecosystems: A conservation approach. Ministry of Mahaweli Development and Environment, "Sampathpaya", No. 82, Rajamalwatta Road, Battaramulla, Rs. 150,000.00 : Principal Scientist

8. Contribution to Institutional Development

1. Served as the Head, Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya. 14.09.2010 -13.09.2013.
2. Served as the Acting Head, Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya. 10.09.2007 -24.09.2007.
3. Served as the Acting Dean, Faculty of Agriculture, University of Peradeniya. 4th May, 2012.
4. Secretary of the Board of Study Plant Protection, Postgraduate Institute of Agriculture, University of Peradeniya for the period of 3 years 16.01.2010-15.01.2013.

5. Secretary of the Board of Study Plant Protection, Postgraduate Institute of Agriculture, University of Peradeniya for the period of 3 years 16.01.2013-15.01.2016.
6. Member of the Board of Study Agricultural Biology, Postgraduate Institute of Agriculture, University of Peradeniya for the period 23.08.2013-15.1.2016.
7. Served as the Acting Dean, Faculty of Agriculture, University of Peradeniya. 4 May 2012.
8. Served as a member of the Library Committee, Faculty of Agriculture, University of Peradeniya: 2014.
9. Served as a member of the Computer Management Committee, Faculty of Agriculture, University of Peradeniya: 2014.
10. Served as a member of the E-Learning Committee, Faculty of Agriculture, University of Peradeniya: 2014.
11. Member of the Editorial Board, Journal of Tropical Agricultural Research Vol. 25 (2013), Postgraduate Institute of Agriculture.
12. Member of the Student Advisory Programme, Faculty of Agriculture, University of Peradeniya. 2014.
13. Served as the Chairperson, Publication and Public Relations Committee, Faculty of Agriculture, University of Peradeniya: 2015.
14. Served as a member of the Computer Management Committee, Faculty of Agriculture, University of Peradeniya: 2015
15. Member of the Editorial Board, Journal of Tropical Agricultural Research Vol. 26 (2014), Postgraduate Institute of Agriculture.
16. Served as a Member of the Faculty Industrial Relations Committee (FIRC), in managing the sub-activity 2 of the QIG-ATM Project, HETC, Faculty of Agriculture, University of Peradeniya, Peradeniya. 2014.
17. Served as a Member of the Selection Committee on Recruitment of Lecturer/Senior Lecturer (I/II), Department of Plant Science, Faculty of Agriculture and appointed by the Senate of Rajarata University of Sri Lanka.

9. Research Publications:

Journal articles

- 9.1.1 Marasinghe J. P., Karunarane, S.H.P.P., Surendran, S.N. Hemachandra, K.S. and Nugaliadde, L. (2023). Insecticide Resistance, Resistance Mechanisms, and Phylogeny of Three *Myzus persicae* Populations in Cabbage from Three Agroclimatic Zones of Sri Lanka. *Tropical Agricultural Research*, 34(2): 80-93.
- 9.1.2 Kumaratennaa, KPS, S.S. Weligamageb , P.G.A.S. Warnasooriyaa and K.S. Hemachandra (2022) Effect of mulching on diversity and abundance of natural enemies associated with brinjal (*Solanum melongena* L.) crop in Mawathagama, Kurunegala (IL1). *Journal of Agriculture and Value Addition*, 5(2): 1-15
<https://dx.doi.org/10.4038/java.v5i2.44>
- 9.1.3 Hettiarachchi HASN and Hemachandra KS (2022) Physical barriers for diamondback moth management in cabbage of up-country region in Sri Lanka. *Tropical Agricultural Research & Extension* 25 (3): 223-231
- 9.1.4 Chanchala, KMG, YAPK Dayasena, VKASM Wanasinghe, KS Hemachandra, L Nugaliyadde, WRG Witharama, A Nikpay (2022) Disease Transmission Ability and Pattern of *Deltocephalus menoni* (Hemiptera: Cicadellidae) Vector of Sugarcane White Leaf Disease. *Agrica* 11: 54-60
- 9.1.5 Sarathchandra, S.R., Hennayake, K.P.S.D., Jayaweera, M.P.H.K., Nugaliyadde, L., Hemachandra, K.S. and Kumara, A.D.N.T., 2022. Assessment of Grain Preference Among Selected Rice Varieties by Field Rat, *Bandicota bengalensis* and House Rat, *Rattus rattus* in Sri Lanka. *Tropical Agricultural Research*, 33(3), pp.280–288. DOI: <http://doi.org/10.4038/tar.v33i3.8572>
- 9.1.6 Chanchala, KMG., Hemachandra, KS., Nugaliyadde, L., Witharama, WRG., Wanasinghe, VKASM., and Kiriella, SH. (2022) Role of Leaf Fibro-vascular Bundle Configuration on Feeding of *Deltocephalus menoni* (Hemiptera: Cicadellidae) in the Transmission of White Leaf Disease in Sugarcane Varieties. *The Journal of Agricultural Sciences-Sri Lanka* 17(1):185-199.
- 9.1.7 Chanchala, KMG., Wanasinghe, VKASM., Kulasekara, BR., Hemachandra, KS., Nugaliyadde, L., Witharama, WRG (2021) Tri-trophic relationship among Sugarcane White Leaf Disease Phytoplasma (WLDP), *Deltocephalus menoni* (Homoptera: Cicadellidae) and sugarcane plant in secondary transmission of the disease. *The Journal of Agricultural Sciences*, 16(3):443-451
- 9.1.8 Singhamuni, S.A.A., **Hemachandra, K.S.** and Warnasooriya, P.G.A.S., 2021. Egg Parasitoids of Cabbage Caterpillars in Sri Lanka: A Search for Biocontrol Agents. *Journal of Agricultural Sciences – Sri Lanka*, 16(1), 174–181.

- 9.1.9 Gunaratne, LHP., **Hemachandra, KS.**, Kumudumali, YMK., Manawasinghe, NKGKR., Sathischandra, HGAS., Soorasena, JM., Thelasinghe, HMUM., Upali, WSPY., Weerakkody, WAP., Weerasinghe, KWLK., and Weerawarna, SBA (2021) Comparative Assessment of Vegetable Crop Performances and Ecological Indicators during Transition from Conventional to Ecological Agriculture, *Asian Research Journal of Agriculture*, 14(1): 1-9
- 9.1.10 Gunawardana, D.U.M. and **K.S. Hemachandra**(2020) Mass Rearing of Mealybug Predator, *Cryptolaemus montrouzieri* Mulsant (Coleoptera: Coccinellidae) on two Mealybug Species, *Planococcus minor* and *Pseudococcus viburni*. *Journal of Tropical Agricultural Research* 31(1):31-41
- 9.1.11 Chanchala, K.M.G., V.K.A.S.M. Wanasinghe, **K.S. Hemachandra**, L. Nugaliyadde and W.R.G. Witharama (2020) Effect of the Epicuticular Wax Level of Leaf Lamina on the Behaviour of Leaf Hopper *Deltocephalus menoni* (Hemiptera: Cicadellidae); A Vector of Sugarcane White Leaf Disease. *Journal of Tropical Agricultural Research* 31(1):73-85.
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Chanchala, K.M.G, **Hemachandra, KS.**, Nugaliyadde, L., Wanasinghe, VKASM., Kiriella, SH, and Witharama, WRG (2022) Effect of the leaf trichome types, density and length on selected behavioural and physiological characteristics of *Deltocephalus menoni* (Hemiptera: Cicadellidae); Vector of Sugarcane White Leaf Disease. International Symposium on Agriculture and Environment, University of Ruhuna, Sri Lanka held on 16.6.2022

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- 9.3.32 Karunarathne, MMS. and **Hemachandra, KS.** (2014). Evaluation of (*Cryptolaemus montrouzieri* Mulsant), a Coccinellid Predator, as a Potential Biocontrol Agent to Control Papaya Mealybug (*Paracoccus marginatus* Williams and Granara de Willink). *Proceedings of Faculty of Agriculture Undergraduate Research Symposium, 23rd December 2014*. Peradeniya, Sri Lanka. pp. 148.
- 9.3.33 Jayasuriya, MIUF. and **Hemachandra, KS.** (2013). Host Search Behavior of *Trichogramma chilonis* Ishii, an Egg Parasitoid of Cabbage Semilooper, *Trichoplusia ni*. *Proceedings of Undergraduate Research, Department of Agricultural Biology 4*: 1.
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- 9.3.38 Hapangama, HAMH. and **Hemachandra, KS.** (2013). Diversity of Parasitoids Fauna Exist in Solanaceous Vegetable Ecosystems in Sri Lanka. *Proceedings of Undergraduate Research*, Department of Agricultural Biology, 4: 19.
- 9.3.39 Bandara, LMMS., **Hemachandra, KS.** and Sirisena, UGAI. (2013). Species Diversity and Abundance of Pollinators in Home Gardens in Mid-Country of Sri Lanka. *Proceedings of Undergraduate Research*, Department of Agricultural Biology, 4: 22.
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- 9.3.48 Senaviratne, HMHD. and **Hemachandra, KS.** (2012). Analysis of Predatory Community in a Rice Ecosystem. *Proceedings of Undergraduate Research*, Department of Agricultural Biology, 3: 21.
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- 9.3.53 Abeykoon, AMHMM., Wijayagunasekara, HNP. and **Hemachandra, KS.** (2011). Evaluation of susceptibility of selected economically important plants of papaya mealybug (*Paracoccus marginatus* Williams and Granara Willink). *Proceedings of Undergraduate Research*, Department of Agricultural Biology, 2: 1.
- 9.3.54 Perera, MCD., Wijayagunasekara, HNP. and **Hemachandra, KS.** (2011). Diversity of parasitoids of mealybug (Hemiptera: Pseudococcidae) in some selected areas of Sri Lanka. *Proceedings of Undergraduate Research*, Department of Agricultural Biology, 2: 9.
- 9.3.55 Ranaweera, RADTD., Wijayagunasekara, HNP. and **Hemachandra, KS.** (2011). Assessment of host range of *Acerophagous papaya* Noyes and Schauff (Hymenoptera: Encyrtidae). *Proceedings of Undergraduate Research*, Department of Agricultural Biology, 2: 13.
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- 9.3.58 Rathnayake, IDCJ., Wijayagunasekara, HNP. and **Hemachandra, KS.** (2011). Evaluation of four plant substrates and an artificial diet for mass rearing of *Paracoccus marginatus* Williams and Granara Willink (Hemiptera: Pseudococcidae). *Proceedings of Undergraduate Research*, Department of Agricultural Biology, 2: 21.
- 9.3.59 Perera, WSS., **Hemachandra, KS.** and Weerakkody, WAP. (2010). Assessment of efficacy of selected plant based mixtures for the suppression of insect pests of cowpea (*Vigna unguiculata*) in the field. *Proceedings of Undergraduate Research*, Department of Agricultural Biology, 1: 10.
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- 9.3.63 Shalika, SVN. and **Hemachandra, KS.** (2008). Insect diversity and abundance in vegetation in conventional and pesticide free mixed vegetable ecosystems. SLAAS Abstract :
- 9.3.64 Nagalingam, T. Wijayagunasekara, HNP and **Hemachandra, KS.** (2008). Parasitoids of vegetable leaf miner in the mid country areas of Sri Lanka. *Entomological Society of Manitoba, 13-14 November 2008*.
- 9.3.65 Holliday, NJ., Kuhlmann, U., Mason, PG., **Hemachandra, KS.**, Riley, K. and Andreassen, L. (2007). Development of a classical biological control program for *Delia radicum* in canola. Invited symposium paper, *Joint Meeting Entomological Society of Manitoba and North Central Branch, Entomological Society of America, March 2008*. Winnipeg.
- 9.3.66 Anver, FS. and **Hemachandra, KS.** (2007). Assessment of floral resource providers for parasitoids and other arthropods. *SLAAS Proceedings of the 63rd Annual Session*. : 31-32
- 9.3.67 **Hemachandra, KS.**, Andreassen, L., Holliday, NJ. and Kuhlmann, U. (2006). Distribution and biology of a potential classical biological control agent of root maggots in Canadian canola. *Poster paper, International Symposium Integrated Pest Management in Oilseed Rape, April 2006*. Göttingen, Germany.

- 9.3.68 **Hemachandra, KS.**, Riley, K., Kuhlmann, U., Klimaszewski, J. and Holliday, NJ. (2003). Potential biological control of *Delia radicum* (Diptera: Anthomyiidae) with *Aleochara* spp. (Coleoptera: Staphylinidae). Poster paper, *Annual Meeting of the Entomological Societies of Canada and British Columbia, November 2003*. Kelowna.
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- 9.3.70 **Hemachandra, KS.**, Kuhlmann, U., Holliday, NJ. (2002). Analyzing the parasitoid community of a below ground insect pest in the cabbage and canola habitat. Poster presented in European Workshop in *8th European Workshop on Insect Parasitoids "Community Ecology"*. 1- 5 September, 2002. Tours, France.
- 9.3.71 **Hemachandra, KS.**, Holliday, NJ., Kuhlmann, U. (2002). The parasitoid guild of *Delia radicum* in canola in the Canadian Prairies and Europe. An oral presentation in *Delia* workshop "*Delia* spp. as pests of crops in Canada" in Entomological Society of Canada and Entomological Society of Manitoba Joint Meeting. 5-9 October, 2002. Winnipeg
- 9.3.72 **Hemachandra, KS.** and Holliday, NJ. (2001). Parasitoid guild of *Delia radicum* (L.), in canola in Prairie Provinces. Poster presented in *Annual Meeting Entomological Society of Canada*, Niagara Falls, Ontario.
- 9.3.73 **Hemachandra, KS.** and, Holliday, NJ. (2001). Parasitoid guild of cabbage root maggot, *Delia radicum* (L.), in canola in the Prairie Provinces Canada. *Proceeding of the Entomological Society of Manitoba*. 57: 26.
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- 9.3.76 **Hemachandra, KS.** and Ekanayake, EMW. (1997). Mass culture and induced sporulation of *Metarrhizium* sp., pathogenic on insects. *Proceedings of SLAAS*, (53):51

9.4 Books / Book Chapters

- 9.4.1 **Hemachandra, KS.**, Nugaliyadde, L. (2007). Rice black bug, *Scotinophara lurida* (Burmeister) (Hemiptera: Pentatomidae), in Sri Lanka In. Rice black bugs: taxonomy, ecology, and management of invasive Species. Eds. Ravindra C. Joshi, Alberto T. Barrion and Leocadio S. Sebastian. Science City of Muñoz, Nueva Ecija: Philippine Rice Research Institute. 661-670.

- 9.4.2 **Hemachandra, KS.** (2015). Field guide for insect damages in major crops in Sri Lanka. HETC (QIG), ATM, Faculty of Agriculture, University of Peradeniya. ISBN: 978-955-81730-2-2.
- 9.4.3 Sirisena, UGAL., Watson, GW., **Hemachandra, KS.**, Wijayagunasekara, HNP. (2016). Diversity of soft scale insects (Hemiptera, Sternorrhyncha, Coccoidea) in Sri Lanka. In: Arthropod Diversity and Conservation in the Tropics and Sub-tropics (Akshay Kumar Chakravarthy and Shakunthala Sridhara (Eds). Springer, Singapore. : 285-296.
- 9.4.4 Hemachandra, KS (2020) A Cross Section of Century-Long Experiences in Entomological Research in Crop Sectors: Directions for Future Research. In Agricultural Research for Sustainable Food Systems in Sri Lanka (Ed. Marambe, B et al.). Springer, Singapore.
- 9.4.5 කෘමි පළබෝධ කළමනාකරණයෙහි මූලික සිද්ධාන්ත. (2016) කේ.එස්. හේමචන්ද්‍ර, කෘමි අධ්‍යාපන ඒකකය, කෘමිකර්ම පීඨය, ජේරාදෙනිය විශ්වවිද්‍යාලය, ජේරාදෙනිය. ISBN 978-955-43095-0-0
- 9.4.6 කෘමි ජීව විද්‍යාවේ මූලික සිද්ධාන්ත, කේ.එස්. හේමචන්ද්‍ර, (2017) සී/ස කෘමිකාර්මික හා පාරිසරික විද්වතුන්ගේ සමුපකාර සමිතිය, 2/1/1, දෙවන පටුමග, ධර්මාශෝක මාවත, මහනුවර. ISBN 978-955-7453-00-2
- 9.4.7 පළබෝධ කළමනාකරණය (2015), ජෛව පද්ධති තාක්ෂණවේදය, II කොටස, අධ්‍යයන පොදු සහතික පත්‍ර උසස් පෙළ තාක්ෂණවේදය විෂය ධාරාව, අධ්‍යාපන ප්‍රකාශන දෙපාර්තමේන්තුව, ඉසුරුපාය, බත්තරමුල්ල.
- 9.4.8 Hemachandra, KS and Sigera, MDD (2022) Basics of household insects: Biology, ecology and management. Pest Solutions Pvt. Ltd., Piliyandala. ISBN 978-624-98932-0-7

10. Editor / Co-editors

- 10.1 Editor in Chief: Tropical Agricultural Research Vol. 20 (2008), Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya.
- 10.2 Editor in Chief: Proceedings of the Undergraduate Research. Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya. Volume. 4 (2014).
- 10.3 Co-editor: Gunarathna, LHP., Weerakkody, WAP., Hemachandra, KS. and Yapa, PI. (2009) Role of community in adaptation to the climate change crisis. Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya.
- 10.4 Co-editor: Gunarathna, LHP., Weerakkody, WAP., Hemachandra, KS. and Yapa, PI. (2009) Role of community in adaptation to the climate change crisis. Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya. (Sinhala).

- 10.5 Co-editor: Proceedings of the Undergraduate Research. Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya. Volume.1 (2010, 2011, 2013 and 2014).
- 10.6 Co-editor: Tropical Agricultural Research Vol. 21, 22, 25, 26 and 27, Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya.

11. Academic and Administrative positions held

- 11.1 Served as the Head in Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya for a period of three years (2010-2012).
- 11.2 Serving as the Secretary, Board of Study in Plant Protection, Postgraduate Institute of Agriculture, University of Peradeniya since 2011 to date.
- 11.3 Serving as a member, Board of Study in Plant Protection, Postgraduate Institute of Agriculture, University of Peradeniya since 2015 to date.
- 11.4 Served as a member of Board of Study in Plant Protection, Postgraduate Institute of Agriculture, University of Peradeniya since 1997-2000.
- 11.5 Served as a member of the Board of Management, Postgraduate Institute of Agriculture, University of Peradeniya (2011-2012).
- 11.6 Serving as a member of the Board of Management, Postgraduate Institute of Agriculture, University of Peradeniya (2016-to date) for a period of three years.
- 11.7 Served as the Representative of Faculty of Agriculture to the Senate, University of Peradeniya, 2009.
- 11.8 Serving as a member, Board of Study in Agricultural Biology, Postgraduate Institute of Agriculture, University of Peradeniya in 2015-16.
- 11.9 Serving as a Programme coordinator for the MSc in Plant Protection Technology Programme, offered by Board of Study Plant Protection, Postgraduate Institute of Agriculture, University of Peradeniya. 2005-todate.
- 11.10 Served as a Chairman of the Publications and Public Relations subcommittee, Faculty of Agriculture, University of Peradeniya. 2015.
- 11.11 Served as a Person in Charge for the activity 4.1 Human Resource Development, IRQUE Project, Faculty of Agriculture, University of Peradeniya, Peradeniya (2010-2014)
- 11.12 Served as the Chairman of the Library subcommittee, Faculty of Agriculture, University of Peradeniya. 2008-2009.

- 11.13 Served as the Secretary of E-Learning Subcommittee, Faculty of Agriculture, University of Peradeniya. 2008-2009.
- 11.14 Served as the Chairperson, Peradeniya University Agriculture Teachers Association (PUATA), 2009.

12. Contribution for National Development

- 12.1 Served as a member of the committee of Annual Research Review, Sugarcane Research Institute, Udawalawa (2013).
- 12.2 Served as a member of the Research Advisory Committee, Tea Research Institute, Talawakelle (2014).
- 12.3 Served as an Invited member of Committee of Entomology Working Group, Department of Agriculture, Peradeniya (2011-2014).
- 12.4 Served as a member of the Steering Committee of Integrated Pest Management - Kandy District, Sri Lanka. Coordinated by the FAO and Provincial (Central) Department of Agriculture.
- 12.5 Chairman of the Appeal Board: Appointed by the Ministry of Agriculture, as per the provision of Control of Pesticides Act, No. 33 of 1980 in Sri Lanka. 2015.
- 12.6 Served as a member of the panel of resource persons for Preparation of model question papers of the Bio system Technology in General Certificate Examination in Technology (GCE (A/L))-2015.
- 12.7 Served as a Co-controller for Conducting of practical examination of Bio system Technology of the General Certificate Examination in Technology (GCE (A/L))-2015 and 2016.
- 12.8 Member of the Evaluating panel of the Curriculum of BSc in Bio system Technology, Faculty of Agriculture, Sabaragamuwa University of Sri Lanka. 2016.
- 12.9 Member of the Panel of Examiner: Efficiency Bar Examination, Department of Agriculture, Peradeniya.
- 12.10 Member of the Panel of Examiner: Department of Technical Education and Training, PO Box 557, Olcott Mawatha, Colombo 10. (2006, 2007, 2008).
- 12.11 Served as a PhD thesis examiner: Annamalia University, Annamalainagar 608 002, Tamilnadu, India. Candidate: B Ananda Ganesa Raja.
- 12.12 Served as a resource person in preparation of "National Priorities in Plant Protection". Sri Lanka Council of Agriculture Research Policy (SLCARP), Wijerama Mawatha, Colombo 7.

- 12.13 Served as a resource person in preparation of “National Priorities in Floriculture”. Sri Lanka Council of Agriculture Research Policy (SLCARP), Wijerama Mawatha, Colombo 7.
- 12.14 Served as a Member of the Selection Committee on Recruitment of Lecturer/Senior Lecturer (I/II), Department of Plant Science, Faculty of Agriculture and appointed by the Senate of Rajarata University of Sri Lanka.
- 12.15 Served as a Member of the Selection Committee on Recruitment of Lecturer/Senior Lecturer (I/II), Department of Export Agriculture, Faculty of Animal Science and Export Agriculture and appointed by the Senate of Uva-Wellassa University of Sri Lanka.