

R.H.G. Ranil, *PhD*

Department of Crop Science
Faculty of Agriculture, University of Peradeniya
Peradeniya 20400, Sri Lanka

Education

Doctor of Philosophy

- Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka (2004-2010)
- Research work on conservation biology of endemic tree fern species in Sri Lanka

Bachelor of Science

- Faculty of Agriculture, University of Peradeniya (2000 -2004)
- Four-year honors degree Specialized in Crop Science

Work experiences

- **Senior Lecturer**
Department of Crop Science, Faculty of Agriculture, University of Peradeniya (from 2012 to date)
- **Visiting Lecturer**
Postgraduate Institute of Agriculture, University of Peradeniya (from 2012 to date)
- **Lecturer (Temporary)**
Department of Crop Science, Faculty of Agriculture, University of Peradeniya (from 2009 to 2012)

Academic, research and social responsibilities and interests

- **Academic:** Academic responsibilities and interests include conducting lectures (*Crop Production Technologies, Tree Diversity and Improvement, Management and Conservation of Medicinal Plants, Plantation Crop Management, Forest ecology, Biodiversity, Forest Systematics*), practical and demonstrations, preparing of teaching materials, organizing practical and demonstrations and field visits for both undergraduate and postgraduate students.
- **Research:** Conducting agricultural and biodiversity research in collaboration with recognized national and international research institutes and universities.
- **Social:** Attending as a resource person for public awareness programmes related to environmental and biodiversity conservation, and agriculture organize by schools, academic and research institutes, non-government organizations, universities, and other environmental organizations and societies.

Contacts

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Education

BSc (Agriculture sp.)
PhD (Conservation Biology)

Current positions

Senior Lecturer
Department of Crop Science

Visiting lecturer
Postgraduate Institute of
Agriculture

Visiting professor
Department of Silviculture
Transilvania University of Brasov
Romania

Research interests

- Conservation biology
- Tropical biodiversity
- Agro-biodiversity
- Diversity and taxonomy of lycophytes and ferns of Sri Lanka
- Biogeography and plant systematics
- Forest ecology
- Crop wild relatives and underutilized crops
- Herbarium studies
- Ethnobotany
- Collection and conservation of plant genetic resources.
- Integrative conservation



Memberships of societies

International level

- American Fern Society (since 2005)
- International Association of Pteridologists (since Feb 2005)
- International Society of Tropical Foresters (since Nov 2020)
- Society of Herbarium Curators (since Feb 2021)
- Botanical Society of America (2010-2011, since Jan 2021)
- British Pteridological Society (since Jan 2021)
- Asia-Pacific Young Scientists Association (since Jan 2022)
- Indian Fern Society (since January 2016 to 2020)

National level

- Soil Science Society of Sri Lanka (since 2014 to date)
- Institute of Biology (since 2013 to date)
- Alumni Association, Faculty of Agriculture, University of Peradeniya (since 2016 to date)
- University Explores' Club (since 2003 to date)
- Institute of Environmental Professionals Sri Lanka (IEP) (Since 2007-2012)
- Sri Lanka Associations of the Advancement of Science (SLAAS) (2005-2010)
- Young Zoologist Association of Sri Lanka, National Zoological Garden, Dehiwela, Sri Lanka (1994)
- Youth Exploration Society of Royal Botanical Garden, Peradeniya (2002).

Academic distinctions and awards

- Chartered biologist - Institute of Biology, Sri Lanka - from 18th September 2019
- SLCARP awards for excellence in Agriculture Research - 2019 (a team award)
- The NRC merit award for Scientific Publication - 2015
- Rt. Hon. Sir. John Kotelawale Memorial Gold Medal - for achieving the highest Grade Point Average (GPA) in the Ph.D. programme, University of Peradeniya, Sri Lanka - 2006.
- The best presenter award - Session on genetics and Biological conservation, Annual Congress, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka - 2009 (Award by ALUMINI Association of the Postgraduate Institute of Agriculture).
- The best presenter award - Session on genetics and Biological conservation, Annual Congress, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka – 2009.
- The best presenter award (Co-winner) - Session on Genetics and Biological conservation of the Annual Congress of Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka. – 2006.

Research experience and grants received

Grants received (as principal investigator)

1. Diversity, distributional ecology and conservation perspectives of fern flora of three isolated hills in Sri Lanka. (2021-2022). The IDEA WILD Foundation, USA.
2. Potential of Spineless Kohila (*Lasia spinosa* (L.) Thw.) to be used as a promising crop in Sri Lanka. (2018-2019). Funded by University of Peradeniya, Peradeniya, Sri Lanka.

3. Assessment of Lycophytes and fern diversity in Pidurutalagala mountain range. (2017-2018). Funded by the Nagao Natural Environment foundation (NEF), Japan.
4. Collection, characterization and evaluation of *Lasia spinosa* (L.) Thw. (kohila – lasia) germplasm for its conservation and improvement as a native vegetable crop for Sri Lanka. (2014-2015). Funded by University of Peradeniya, Peradeniya, Sri Lanka.
5. Assessment of diversity of lycophytes and ferns in four selected lowland wet evergreen forest reserves of Sri Lanka. (2014-2015). Funded by the Biodiversity Secretariate, Ministry of Mahaweli Development and Environment, Sri Lanka.
6. Ecology of tree ferns in Sri Lanka. (2011-2013). The IDEA WILD Foundation, USA, (Equipment grant).
7. Identification of diversity, habitats, population, and conservation status of tree ferns in Sri Lanka. (2011-2013). Funded by the Nagao Natural Environment foundation, Japan.

Grants received (as Co-investigator)

1. Molecular and biochemical characterization of Sri Lankan pomegranates and expression analysis of major hydrolysable tannin genes under different environment conditions and maturity stages to popularize cultivation in Sri Lanka. (2013-2016). Funded by: National Research Council, Sri Lanka.
2. Development of the household food security models for poverty stricken areas of Sri Lanka. (2013-2016). Funded by: National Science Foundation – National Thematic Research Program Food Security - 2012, Sri Lanka.
3. Diversity of pteridophyte flora of Sinharaja World Heritage site. (2008-2009). Funded by: Ministry of Environment and Natural Resources

Research experience (as team member)

1. Utilization of crop wild Relative in eggplant pre-breeding for adaptation to climate change. (2013-2016). Funded by The Global Crop Diversity trust, Germany.
2. Crop Wild Relatives of Sri Lanka (Wild Pepper team). (2004-2006). UNEP/GEF Crop Wild Relatives

Research experience (as research assistant)

1. Identification of habitats and reproduction of *Cyathea sinuata*, *Cyathea hookeri* and their possible hybrid and their characterization in Sinharaja and Kanneliya MAB reserves for their conservation. (2006-2009). Funded by: National Science Foundation, Sri Lanka.
2. Tree domestication project of CARP-ICRAF. (2004-2006). Funded by World Agroforestry Centre.

Species described and new combinations made

- *Christella* × *fraser-jenkinsii* Ranil. Phytotaxa 511 (2): 183–186. (2021).
- *Hymenasplenium amoenum* (C.Presl ex Mett.) Ranil. Phytotaxa 511 (2): 183–186. (2021).
- *Alsophila sledgei* (Ranil, Pushpakumara & Fraser-Jenk.) Ranil. Phytotaxa 511 (2): 183–186. (2021).
- *Alsophila srilankensis* (Ranil) Ranil. Phytotaxa 511 (2): 183–186. (2021).
- *Metathelypteris dassanayakei* (Fraser-Jenk.) Ranil. Phytotaxa 511 (2): 183–186. (2021).
- *Christella sledgei* (Fraser-Jenk.) Ranil. Phytotaxa 511 (2): 183–186. (2021).
- *Christella* × *parahispidula* (Fraser-Jenk.) Ranil. Phytotaxa 511 (2): 183–186. (2021).
- *Elatostema rigidiusculum* (Thwaites ex Hooker) Ranil & Nadeeka: Phytotaxa 404 (2): 085– 090. (2019).

- *Selliguea hastata* subsp. *montana* (Sledge) Fraser-Jenk. & Ranil: Indian Journal Forest. 42: 315 (2019).
 - *Phyllagathis phamhoangii* V.T.Pham, T.C.Vu & Ranil: Phytotaxa 314(1):140-144. (2017).
 - *Cyathea sledgei* Ranil, Pushpakumara & Fras.-Jenk.: Fern Gazette 18(7):318-325. (2010)
 - *Cyathea srilankensis* Ranil: American Fern Journal 100(1):39-44. (2010)
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Travel grants received to attend Trainings/Conferances/Workshops

Fully funded travel grants

1. **Granted by:** The Global Crop Diversity trust, Germany. **Period:** 1st – 5th December 2015. **Purpose:** Paper presentation at the international conference on crop improvement, University of Putra Malaysia, Malaysia.
2. **Granted by:** The Global Crop Diversity trust, Germany. **Period:** 07th January - 5th April 2015. **Purpose:** Training on utilization of crop wild relatives in eggplant pre-breeding for adaptation to climate change at the Universitat politecnica de Valencia, Spain.
3. **Granted by:** National Science Foundation, Sri Lanka. **Period:** 9th -20th January 2017. **Purpose:** Training on chromosomal analysis techniques of ferns and Lycophytes, Taiwan Forestry Research Institute, Council of Agriculture, Taipei, Taiwan.
4. **Granted by:** National Science Foundation, Sri Lanka. **Period:** 1st-14th July 2012. **Purpose:** Training on molecular phylogeny of ferns at the Department of Botany, National Museum of Nature and Science, Tsukuba, Japan.
5. **Granted by:** Alan Lennox Boyd Trust Fund, Royal Botanic Gardens, Kew, UK. **Period:** 27th January- 21st February 2014. **Purpose:** Training on Botanical Nomenclature and DNA sequencing of pteridophytes at the Jodrell laboratory, Royal Botanic Gardens, Kew.
6. **Granted by:** International Research Centre, University of Peradeniya, Sri Lanka. **Period:** 25th- 30th August 2014. **Purpose:** Attend to the 6th Symposium on Asian Pteridology held on 26th -29th August 2014 at the Bali Botanic Gardens, Indonesia.

Partially funded travel grants

1. **Granted by:** Universiti Brunei Darussalam, Brunei. **Period:** 30th June- 6th July 2019. **Purpose:** Attend to the 11th Flora Malesiana Symposium held on 30th June- 6th July 2019 at the Universiti Brunei Darussalam, Brunei.
 2. **Granted by:** Singapore Botanic Gardens, National Park Board, Singapore. **Period:** 3rd -14th September 2018. **Purpose:** Training on herbarium management and curation at the herbarium, Singapore Botanic Gardens.
 3. **Granted by:** Bond violation fund, University of Peradeniya, Sri Lanka. **Period:** 28th April- 6th May 2016. **Purpose:** Training on herbarium techniques at the Auckland War Memorial Museum, Auckland, New Zealand and attend to the workshop on “working with canopy plant: ecological restoration to urban landscaping” at the Auckland Botanic Gardens, Auckland, New Zealand.
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Positions held and contributions made to other professional bodies

1. Visiting professor, Department of Forest Engineering and Silviculture, Transilvania University of Brasov, Romania (Since 15th January 2023 – to date).
2. Senior Lecturer, Department of Crop Science, Faculty of Agriculture, University of Peradeniya (since July 2012 - to date).
3. Visiting Lecturer, Postgraduate Institute of Agriculture, University of Peradeniya (since 2012 to date).
4. Counterpart, Department of Ethnobotany, Institute of Botany, Ilia State University, Georgia. (Since June 2021 to date).
5. Board member, Board of Study in Crop Science, Postgraduate Institute of Agriculture, University of Peradeniya (since Jan 2021 to date).
6. Warden, University Hostel, University Sub Campus, Mahailuppallama, Faculty of Agriculture, University of Peradeniya (January 2020 to December 2021).
7. Senior Treasurer and Founder, Association of Young Agriculturist, Faculty of Agriculture, University of Peradeniya (since 2016 to date).
8. Volunteer expert, IUCN commission, World Conservation Union (since 2012 to date).
9. Member of the flora expert committee of the Redlisting: Biodiversity Secretariat of the Ministry of Mahaweli Development and Environment and Natural Resources and the National Herbarium of the Department of National Botanic Gardens, Peradeniya – (2020).
10. Member of National Codex Committee: Ministry of Health, Nutrition and Indigenous Medicine, Sri Lanka (2016 and 2017).
11. Member of the committee appointed to study feasibility of self-sufficiency in Cocoa in Sri Lanka by 2023, Prime Minister's Office, Sri Lanka (2017).
12. Senior Student Counsellor, Faculty of Agriculture, University of Peradeniya (2015).
13. Member of the Flora expert committee: Biodiversity Secretariat, Ministry of Environment and Natural Resources and the National Herbarium, Department of National Botanic Gardens, Peradeniya (2012).
14. Member of the consultative team for preparation of Environmental Impact Assessment (EIA) reports specialized field on identification of flora (since 2003 to date).
15. Resource person of public awareness programme related to environmental and biodiversity conservation, organised by schools, non-government organizations, universities and other environmental organizations and societies (since 2003 to date).

Trainings/workshops/conferences/symposia attended (International level)

1. Visit to Transilvania University of Braşov, **Romania** to participate a teaching staff mobility program between University of Peradeniya, Sri Lanka and Transilvania University of Braşov, Romania (16th - 24th July, 2022).
2. Exposure visit to the Xishuangbanna tropical botanical garden, **China** (1st- 10th September, 2019).
3. A paper presented at the 11th Flora Malesiana Symposium held on 30th June - 6th July 2019 at the University Brunei Darussalam, **Brunei**.
4. Training on molecular sequencing techniques and method of phylogenetic reconstructions at the Massey University, **New Zealand** (29th April – 24th May 2019).
5. Training on herbarium management and curation at the Herbarium, Singapore Botanic Gardens, **Singapore** (2nd – 7th September 2018).

6. Training on chromosomal analysis techniques of plants at the Taiwan Forestry Research Institute, Taipei, **Taiwan** (9th – 20th January 2017).
7. Training on herbarium techniques at the Auckland War Memorial Museum, Auckland, **New Zealand** (2nd - 6th May 2016).
8. Attended to the workshop on “working with canopy plant: ecological restoration to urban landscaping” at the Auckland Botanic Gardens, **New Zealand** (28th- 30th April 2016).
9. Training on utilization of crop wild relatives in eggplant pre-breeding for adaptation to climate change at the Universitat politecnica de Valencia, **Spain**. (07thJan - 5th April 2015).
10. A paper presented at the 2nd international Conference on Crop Improvement held on 2nd-3rd December 2015 at the University Putra Malaysia, **Malaysia**.
11. Training on Botanical Nomenclature at the Herbarium, Royal Botanic Gardens, Kew, **UK** (27th -31st January 2014).
12. Training on DNA sequencing of pteridophytes at the Jodrell laboratory, Royal Botanic Gardens, Kew, **UK** (3rd - 21st February 2014).
13. A paper presented at the 6th Symposium on Asian Pteridology held on 26th -29th August 2014 at the Bali Botanic Gardens, **Indonesia**.
14. Laboratory training on molecular phylogeny of ferns organized by the National Museum of Nature and Science, **Japan** (2nd– 14th July 2012).
15. A paper presented at the 5th symposium on Asian Pteridology held on 15th – 21st November 2010 at the Shenzhen FairyLake Botanical Garden, Scenzhen, **China**.
16. Field training on Himalayan fern flora in **Nepal** (7th - 19th July 2009).
17. A paper presented at the World Biodiversity Congress held on 11-14 March 2009 at the Hotel Empress, Chiang Mai, **Thailand**.
18. Training on chromosome counting techniques at the St, Xavier’s College, **India** (7th – 20th April 2008).
19. A paper presented at the 4th Symposium on Asian Pteridology and Garden Show held on 13th -17th November 2007 at the Central Mindanao University, Musuan, Bukidnon, **Philippines**.

Trainings/workshops/conferences/symposia attended (national level)

Paper presented at conferences and symposia

1. A paper presented at the conference on Biogeography and biodiversity conservation in Sri Lanka in a changing climate conference held on 12th-13th November 2015 at the National Science Foundation, Colombo, Sri Lanka. Title: Biogeography of scaly tree ferns (Cyatheaceae) of Sri Lanka: A step towards conservation of unique genetic pool.
2. A paper presented at the National Symposium on Invasive Alien Species held on 21st-22nd May 2009 at the Browns Beach Hotel, Negombo, Sri Lanka. Organized by the Biodiversity Secretariat, Ministry of Environment, Sri Lanka. Title: Misidentification of *Pteridium revolutum* (Blume) Nakai as an invasive alien *Pteridium aquilinum* (L) Kuhn in Sri Lanka.
3. A paper presented at the session on Genetics and Biological Conservation, Annual Congress, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka 2009. Title: Variation of three co-occurring taxa of the genus *Cyathea* and their relationship in Sinharaja and Kanneliya lowland rain forests of Sri Lanka.
4. A paper presented at the 13th Annual Forestry and Environment Symposium held on 27th-28th December 2008 at the Tangerine Beach Hotel, Kalutara, Sri Lanka. Organized by Department of Forestry and Environmental Science, University of Sri Jayawardenapura, Sri Lanka. Title: How many endemic Pteridophytes are there in Sri Lanka.
5. A paper presented at the National Symposium on Invasive Alien Species held on 11th November 2008 at the Sri Lanka Foundation Institute, 100, Independence Avenue, Colombo. Organized by the

Sri Lanka Association of the Advancement of Science (Section D) and National Science Foundation, Sri Lanka. Title: *Pteridium revolutum* (Blume) Nakai is not an invasive alien species in Sri Lanka.

6. A paper presented at the National Geography Conference held on 11th- 12th March 2011 at the Department of Geography, University of Sri Jayawardhenapura, Nugegoda, Sri Lanka. Organized by the Department of Geography, University of Sri Jayawardhenapura, Sri Lanka. Title: Phytogeography of tree ferns (Cyatheaceae) in Sri Lanka.
7. A paper presented at the 12th International Forestry and Environment Symposium 2007 held on 30th November to 1st December 2007 at Tangerine Beach Hotel, Kalutara, Sri Lanka. Organized by the Department of Forestry and Environmental Science, University of Sri Jayawardenapura, Sri Lanka. Title: Biodiversity of Pteridophytes at Mulawella mountain of Sinharaja forest. pp. 26.
8. A paper presented at the session of genetics and biological conservation of the Annual Congress of Postgraduate Institute of Agriculture, 2006, University of Peradeniya, Sri Lanka. Title: Variation of *Pyrrosia heterophylla* (L.) Price and evidence for occurrence of two other *Pyrrosia* species in Sri Lanka.
9. A paper presented at the 11th Annual Forestry and Environment Symposium held on 22nd - 23rd December 2006 at the Villa Ocean View, Waddauwa. Organized by the Department of Forestry and Environmental Science, University of Sri Jayawardenapura, Sri Lanka. Title: Pteridophyte flora of Udawattakele forest: the past, present and future.
10. A paper presented at the 10th Annual Forestry and Environment Symposium held on 2nd -3rd December 2005 at the Department of Forestry and Environmental Science, University of Sri Jayawardenapura. Organized by the Department of Forestry and Environmental Science, University of Sri Jayawardenapura, Sri Lanka. Title: Uses of Pteridophyte flora in Sri Lanka.

Trainings/Workshops attended.

1. Workshop on Historical Biogeography in Phylogenetic Context, Royal Botanic Gardens, Peradeniya. Jointly organized by the Institute of Biology and Department of National Botanic Gardens, Sri Lanka (16th August 2017).
2. Induction program for academic staff (150 hrs) in, conducted by the staff development Centre, University of Peradeniya (2013).
3. Training on biodiversity, conservation and taxonomy of Bryoflora of Sri Lanka. Organized by the National Herbarium of Sri Lanka (6th – 11th August 2012).
4. Training on Chromosome counting and karyotyping of Sri Lankan plants held on the National Herbarium, Peradeniya. Organized by the National Herbarium of Peradeniya and University of Vienna, Austria (10th -15th May 2010).
5. Training on Fundamentals of phytochemical and anatomical studies on plants in Bandaranayake Memorial Arurvedhic Research Institute (BMARI), Nawinna (16th - 20th February, 2009).
6. Training on capacity building for the clearing house mechanism of the convention on biological diversity in South Asia, held in Colombo, Sri Lanka Organized by the South Asia Co-operative Environmental Program (26th - 29th March, 2007).
7. Training workshop on Plant Systematic (Higher plants), Postgraduate Institute of Science, University of Peradeniya, Sri Lanka. (1st - 3rd December, 2004).

Training Programs/Workshops Organized or coordinated

1. Worksop on plant exploration for beginners held on 13th November 2022 at the Department of Crop Science, Faculty of Agriculture, University of Peradeniya. The workshop was jointly organized by the Tropical Forestry and Ethnobotany Laboratory, Department of Crop Science, Faculty of Agriculture,

University of Peradeniya and The Environmental Consultant, Educational and Rehabilitation Organization (ECERO).

2. Workshop on enhancing the knowledge, skills and attitudes of agricultural officer's on alternative crops for tobacco cultivation in Monaragala and Anuradhapura districts held on xx August 2022 at the Department of Crop Science, Faculty of Agriculture, University of Peradeniya. The workshop was jointly organized by the Agriculture Education Unit, Faculty of Agriculture, University of Peradeniya and National Authority on Tobacco and Alcohol.
3. Capacity building workshop on diversity and taxonomy of Sri Lankan flora. University Sub Campus, Mahailuppallama. Jointly organized by the Biodiversity Secretariat, Ministry of Mahaweli Development and Environment and Faculty of Agriculture, University of Peradeniya. Participants: school teachers of advance level biological stream in North Central Province (29th- 30th October 2018).
4. Workshop on manufacturing of mushroom by-products. University Sub Campus, Mahailuppallama. Jointly organized by the Food Research Unit, Mahaweli Authority and Faculty of Agriculture, University of Peradeniya. Participants: Mahaweli farmers. (15th June 2017).
5. Workshop on practical agricultural skills. University Sub Campus, Mahailuppallama. Organized by at the University Sub Campus, Mahailuppallama. Participants: School students (Advanced Level) in North Central Province (16th March 2017).
6. Workshop on mushroom cultivation. University Sub Campus, Mahailuppallama. Jointly organized by the Horticulture Research and development institute, Gannoruwa and Faculty of Agriculture, University of Peradeniya. Participants: Mahaweli farmers around the University Sub Campus, Mahailuppallama (28th February 2017).
7. Workshop on mushroom cultivation. University Sub Campus, Mahailuppallama. Jointly organized by the Horticulture Research and development institute, Gannoruwa and Faculty of Agriculture, University of Peradeniya. Participants: Mahaweli farmers (22nd November 2016).
8. Capacity building workshop on diversity and taxonomy of Sri Lankan flora. University Sub Campus, Mahailuppallama. Jointly organized by the biodiversity secretariat of Ministry of Mahaweli Development and Environment and Faculty of Agriculture, University of Peradeniya. Participants: school teachers of advance level biological stream in the North Central Province (16th- 17th November 2016).
9. Workshop on use of modern technology for agriculture. University Sub Campus, Mahailuppallama. Jointly organized by the University Sub Campus, Mahailuppallama and Agricultural Education Unit, Faculty of Agriculture, University of Peradeniya. Participants: School students (Ordinary Level) in the North Central Province (21st September 2016).
10. Workshop on species identification and conservation priorities of tree ferns in Sri Lanka for field level forest officers on. Jointly organized by the Department of Crop Science, Faculty of Agriculture, University of Peradeniya, National Herbarium, Department of National Botanic Gardens, Peradeniya and Nagao Environmental Foundation, Japan. Participants: Field level forest officer, Forest Department (4th November 2014).

Invited speeches/ served as resource person

1. Served as a resource person for the workshop organized by Emerging Hope Lanka Organization at the Town Hall, Haputale, Sri Lanka on 20th August 2022. Title: Help and promote home gardening among the women in local communities.
2. Served as a resource person for the workshop organized by the Horticulture society at the Department of Crop Science, faculty of agriculture, University of Peradeniya on 7th May 2022. Title: Ferns for your garden.

3. A guest speech on “Conservation of fern flora in Asia: challenges and strategies” at the 16th Conference of the Indian Fern Society and International Symposium held on 17th -19th March 2022 at the Department of Botany, University of Calicut, India.
 4. Residential training programs for 50 community participants of Kahatagasdigiliya range forest area under No: 37 OL2L LT CPISRL/3 706 on homegarden improvement and plant nursery management for food and nutritional security and livelihood improvement held on 28th-29th December 2021 at the MI sub campus, Mahailuppallama, Faculty of Agriculture, University of Peradeniya. Organized by Faculty of Agriculture, University of Peradeniya in collaboration with Forest Department of Sri Lanka and Food and Agriculture Organization, Sri Lanka. Title: Establishment and management of plant nurseries.
 5. Training program for technical officers on “laboratory and field analysis of plants samples” held on 22nd October 2021 at the Department of Crop Science, Faculty of Agriculture, University of Peradeniya. Organized by the Department of Crop Science under the AHEAD/ELTA/ELSE World Bank Grant. Title: GPS tracking and Taking Tree Measurements.
 6. A guest speech delivered at the Conference Hall in Xishuangbanna Headquarters, Xishuangbanna Tropical Botanic Gardens, China on 9th September 2019. Title: Biodiversity of Sri Lanka: current status and future perspectives.
 7. Capacity building workshop on diversity and taxonomy of Sri Lankan flora held on University Sub Campus, Mahailuppallama on 29th- 30th October 2018. Jointly organized by the biodiversity secretariat of Ministry of Mahaweli Development and Environment and Faculty of Agriculture, University of Peradeniya. Title: taxonomy and conservation of fern flora of Sri Lanka. Participants: school teachers of advance level biological stream in the North Central Province.
 8. Workshop on practical agricultural skills held on 16th March 2017 at the University Sub Campus, Mahailuppallama. Organized by at the University Sub Campus, Mahailuppallama. Title: identification of agricultural weeds. Participants: school students (Ordinary Level) in the North Central Province.
 9. Criptogamic workshop held on 18th December 2017 at the Kande-Ela Educational Forest Park. Organized by the Forest Department, Sri Lanka. Title: identification of pteridophytes; Participants: forest officers, Nuwar Eliya range.
 10. Capacity building workshop on diversity and taxonomy of Sri Lankan flora held on University Sub Campus, Mahailuppallama on 16th- 17th November 2016 jointly organized by the biodiversity secretariat of Ministry of Mahaweli Development and Environment and Faculty of Agriculture, University of Peradeniya. Title: Diversity and conservation of fern flora of Sri Lanka. Participants: school teachers of advance level biological stream in the North Central Province.
 11. Workshop on use of modern technology for agriculture held on 21st September 2016 at the University Sub Campus, Mahailuppallama jointly organized by the Agricultural Education Unit, Faculty of Agriculture, University of Peradeniya. Title: Title: use of crop wild relatives in crop improvement. Participants: School students (Advanced Level) in North Central Province.
 12. The forestry research conference held on 16th November 2015 at the Ministry of Mahaweli Development and Environment. Organized by the Forest Department, Sri Lanka. Title: pteridophyte research of wet zone forests of Sri Lanka. Participants: district forest officers, Forest Department.
 13. Capacity building workshop on bryophytes, ferns and ants held on 23rd December 2015 at the Centre of Banking studies, Rajagiriya. Organized by the Biodiversity Secretariat, Ministry of Mahaweli Development and Environment, Sri Lanka. Title: diversity and conservation perspectives of fern flora of Sri Lanka. Participants: young field researches and field officers of stallholder organizations.
 14. Seminar on current issues of biodiversity of Sri Lanka held on 6th August 2009 at the Appadthurai Auditorium, Faculty of Agriculture, organized by the Agriculture Faculty Forest Society, University of Peradeniya, Sri Lanka. Title: introduction to biodiversity. Participants: undergraduate students of faculty of agriculture.
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Research students supervised

Graduate students

1. N.A.T.U. Dias (2013). The assessment of floristic diversity of isolated forest patch in the Dodangolla Experimental Station.
2. W.M.S.S.K. Weerasinghe (2014). Comparison of growth and yield performance of tissue cultured and mini tuber plants of two potato varieties in an aeroponic system.
3. R.P.T.J. Kumari (2015). Assessment of morphological variation and selected nutritional properties of *Lasia spinosa* (L.) Thw. in Sri Lanka.
4. S.M.P.H. Samarakoon (2015), Characterization and assessment of some nutritional properties of *Solanum insanum* L. in selected agro-ecological regions of Sri Lanka.
5. S.U. Manathunga (2015), Evaluation of morphological, nutritional, biochemical and growth performance of three type of ginger and delaying sprouting of seed ginger.
6. R. Mambulage (2015). Sex determination of nutmeg (*Myristica fragrance* Houtt.) seedling based on morphological and chemical characteristics.
7. K.M.L. Kumara (2016). Structure and Composition of Homegardens in Monaragala District and their Contribution for Conservation of Plant Genetic Resources.
8. A. M. S. Saumyamali (2019). Manipulation of Some Agronomic Practices on Yield Attributes of Okra (*Abelmoschus esculantus* (L.) Moench) in Intermediate Zone in Sri Lanka.
9. C.A.I. Indrachapa (2019). Productivity enhancement of foxtail millet-green gram intercropping system: A step towards bringing foxtail millet back to the plate of Sri Lanka.
10. S.S. Mendis (2018), Development of a grafting technique for sweet pepper (*Capsicum annum* L.) to enhance the production of greenhouse and homegarden.
11. P.V.S. Madhubhashana (2018). Evaluate the performance and effect of newly developed selective harvesting machine for the yield and quality parameters of tea (*Camellia sinensis* (L.) Kuntze).
12. R.D.S.M. Wickramarathna (2020). Effect of shelterbelt on production of high quality betel (*Piper betel* L.) leaves.
13. A.S.K. Athauda (2020). Ethnobotanical Survey of Underutilized Edible Species in Three Selected Villages in the Neighborhood of Ritigala Strict Nature Reserve.
14. L.A.S.I. Lansakara (2020). The "Owita" agro-ecosystem: A promising land management system for sustainable agriculture.
15. L. C. N. Samarawickrama (2021). Diversity and morphological characterization of *Musa* spp. in Sri Lanka.
16. A.M.A.A.M. Alagiyawanna (2022). Feasibility of clove cultivation in Gampaha District.
17. N.V.K.P. Kumara (2022). A situational analysis of wild animal attacks in *Kandyan* homegarden system.
18. U.A.M.T. Kithsiri (2022). Mapping of eco-geographical distribution of native medicinal plants of Sri Lanka: the basis of study, conservation and utilization.

Postgraduate students

1. D.M.B.G.A.I.K. Dissanayake (2016). Characterization of wild relatives of cultivated eggplant (*Solanum melongena* L.) [Co-supervisor of M.Phil. degree program].
2. Indika Herath (2019). Study on Segregation Patterns of Important Characters in Bitter guard (*Momordica charantia* L.) Selected Breeding Lines.
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