

CURRICULUM VITAE

KAPILA YAKANDAWALA
Professor in Landscape Horticulture

1. PERSONAL DETAILS

ADDRESS

Office

Dept. of Horticulture & Landscape Gardening
Faculty of Agriculture & Plantation
Management
Wayamba University of Sri Lanka,
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Residence

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2. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

| | | |
|---------------------|--|------|
| Primary Education | Kingswood College, Kandy, Sri Lanka | |
| Secondary Education | St. Sylvesters College, Kandy, Sri Lanka | |
| Ph.D | Plant Sciences | 2007 |
| | University of Colombo, Sri Lanka | |
| M.Sc | Horticulture specialized in Landscape Horticulture | 1999 |
| | University of Reading, United Kingdom | |
| B.Sc. | Special Degree in Botany Second Class Honors University of Peradeniya, Sri Lanka | 1991 |
| Certificate | Web design and Development (Distinction) Wayamba University of Sri Lanka | 2012 |
| Certificate | Teaching in higher Education Staff Development Centre, University of Colombo | 2003 |

3. CAREER PROFILE

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| Professor | Department of Horticulture and Landscape Gardening | 2017 to date |
| Senior Lecturer (Grade I) | Department of Horticulture and Landscape Gardening | 2013 to 2017 |
| Senior Lecturer (Grade II) | Department of Horticulture and Landscape Gardening | 2007 -2013 |
| Lecturer | Department of Horticulture and Landscape Gardening | 2001 to 2007 |
| Lecturer | Sri Lanka Agricultural Service, Department of Agriculture | 1996 to 2001 |
| Research Student Fellow | Division Biotechnology, Institute of Fundamental Studies, Kandy | 1994 - 1996 |
| Quality Assurance Executive | Ceylon Chocolates Ltd, Kundasale, Sri Lanka | 1991 - 1994 |
| Assistant Lecturer | Department of Botany, University of Peradeniya | 1991 |
| Undergraduate Research Associate | Institute of Fundamental Studies, Kandy | 1989 |

ADMINISTRATIVE EXPERIENCE

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|-------------|---|-------------|
| Head | Department of Horticulture and Landscape Gardening, Faculty of Agriculture and Plantation Management Wayamba University of Sri Lanka | 2010 - 2017 |
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4. VISITING TEACHING APPOINTMENTS

| | | |
|----------------------|---|----------------------------|
| Post Graduate | MSc in Floriculture & Landscape Architecture Post Graduate Institute of Agriculture (PGIA) University of Peradeniya, Subject: Landscape Horticulture | 2001 - 2015 2017 - 2018 |
| | Subject: Landscape Architecture Subject: Landscape Design | 2001 - 2005 2002 |
| | MSc in Plant Sciences Post Graduate Institute of Science (PGIS) University of Peradeniya Subject: Landscape Horticulture | 2003 - 2007 |
| | MSc in Biodiversity, Ecotourism & Environment Management Subject: Landscape Horticulture | 2009 |

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| | M.AETM. Master of Agri-Enterprise and Technology Management. | 2019 |
| | Wayamba University of Sri Lanka | |
| | Cluster: Lifestyle Agriculture | |
| Undergraduate | BSc (Plantation Management) External degree | |
| | Faculty of Agriculture and Plantation Management | |
| | Wayamba University of Sri Lanka | |
| | Subject: Botany of Crops | 2004 - to date |
| | Subject: Plant Nurseries | 2008 - 2012 |
| | BSc Food Science and Nutrition | |
| | Faculty of Livestock, Fisheries and Nutrition | |
| | Subject: Food Production systems I | 2009 |
| | BSc Food Science and Nutrition | |
| | Subject: Principles of Crop Production | 2002-2003 |
| | BSc Agriculture | |
| | Faculty of Agriculture, University of Jaffna | |
| | Subject: Landscaping & Floriculture | 2018 |
| | BSc Export Agriculture | |
| | Faculty of Animal Science & Export Agriculture | |
| | Uva Wellassa University of Sri Lanka | |
| | Subject: Landscape Gardening | 2012 |
| | BSc Agriculture | |
| | Faculty of Agriculture | |
| | University of Peradeniya, | |
| | Subject: Floriculture and Landscape Horticulture | 2001 |
| Diploma | Staff Development Centre, Wayamba University | |
| | Professional Diploma in Teaching Technology and Methodology | 2013 - 2014 |
| | Subject: Managing teaching learning environment | |
| | Diploma in Floriculture and Landscaping | |
| | Department of National Botanical Gardens, Peradeniya | 2009 |
| | Subject: Amenity Horticulture | |
| | National Institute of Plantation Management | |
| | National Diploma in Plantation Extension Management | 2007 to date |
| | National Diploma in Plantation Management | 2007 to date |

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| Certificate | Staff Development Centre, Wayamba University: | |
| Courses | Certificate course on Staff Development. | 2013 |
| | Induction course for planter trainees | |
| | National Institute of Plantation Management | 2008 to date |

5. PROFESSIONAL MEMBERSHIPS

Member-International Society for Horticultural Sciences (ISHS)
Member-Institute of Groundsmanship (IOG), UK
Member-Sri Lanka Association for Advancement of Sciences
Senior Treasurer-Nature Team, Wayamba University of Sri Lanka
Senior Treasurer-Student Union, Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka (2008 – 2017)
Advisor-Horticulture Society, Wayamba University of Sri Lanka (2010-2017)
Member-Horticulture Society, Wayamba University of Sri Lanka

6. ACTIVITIES AT WAYAMBA UNIVERSITY OF SRI LANKA

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| Member - Board of study – M.ATEM, Faculty of Agriculture and Plantation Management | 2019 |
| Chairman/ Steering Committee , FAPM-BCI Collaborative Program | 2019 |
| Member – Curriculum Development committee, Faculty of Agriculture and Plantation Management | 2019 |
| Member of Project & Proposal writing team – Development oriented research project (DOR) under Accelerating higher education expansion and development (AHEAD) project | 2018 |
| Activity Coordinator & Member of Proposal writing team – Enriching learning, teaching, assessment and english language skills enhancement (ELTA-ELSE) project under Accelerating higher education expansion and development (AHEAD) project | 2018 |
| Member - Faculty green initiative committee | 2018 |
| Member - Faculty teaching and learning committee | 2018 |
| Co-in-charge - Registration & Programme committee, International conference on Advances in Tea | 2017 |
| Coordinator - China- Sri Lanka Scholarship Program, Faculty of Agriculture & Plantation Management | 2017 |
| Senior Treasure - Nature team, Faculty of Agriculture and Plantation Management | 2016 to date |

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| Committee Member - National/International Participating Committee, Wayamba International Conference (WinC 2016) | 2016 |
| Committee Member - Publication Committee - Wayamba International Conference (WinC 2016) | 2016 |
| Member - Self-evaluation report writing committee, External Degree programme, Faculty of Agriculture & Plantation Management | 2015 |
| Chairman - Research Development and Higher Degree Committee, Faculty of Agriculture & Plantation Management | 2014 to date |
| Chairman - Publication and Editorial Committee, Wayamba International Conference (WinC 2014) | 2014 |
| Executive Committee Member - Wayamba International Conference (WinC 2014) | 2014 |
| Member - Quality assurance cell, Faculty of Agriculture & Plantation Management | 2014 to date |
| Member Board of Study - BSc Plantation Management, External Degree, Wayamba University of Sri Lanka | 2010 - 2017 |
| Member Board of Study Diploma in Food Business & Marketing | 2014 to date |
| Senior Student Counselor - Makandura premises, Wayamba University of Sri Lanka | 2010 to 2013 |
| Member Organizing Committee - To commemorate International Biodiversity day. The Workshop conducted by the Wayamba University of Sri Lanka in collaboration with the Ministry of Environment and Natural resources | 2010 |
| Member - University Convocation Committee | 2009, 2014, 2015, 2017 |
| Member - Strategic planning/Corporate planning Committee | 2012 |
| Member - Senate subcommittee for the preparation of a proposal to develop the land at Waikkala | 2012 |
| Faculty Representative - Library Committee | 2008 to 2012 |
| Faculty representative - Library Acquisition Committee | 2008 to 2012 |
| Member - Senate subcommittee, Library and Publication Committee | 2009 to 2011 |
| Academic Warden - Boys Hostel Makandura | 2009 to 2010 |
| Secretary - Wayamba University Teachers Association | 2008 to 2010 |
| Co-ordinator - 9 th Agricultural Research Symposium (AGRES) | 2009 |
| Chairman - Publication Committee, 8 th , 11 th & 12 th Agricultural Research Symposium (AGRES) | 2008, 2011, 2013 |

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| Chairman - Marketing and Promotions Committee, 10 th Agricultural Research Symposium | 2010 |
| Senate member - Representative of the Faculty of Agriculture & Plantation Management | 2008 to 2011 |
| Student Counselor - Faculty of Agriculture & Plantation Management | 2008 to 2010 |
| Chairman - Student Advisory & Welfare Committee, Faculty of Agriculture & Plantation Management | 2009 -2016 |
| Member - Scholarships, Staff Development & Ethics committee, Faculty of Agriculture & Plantation Management | 2009 -2016 |
| Senior Treasurer - Student Union, Faculty of Agriculture and Plantation Management | 2008 - 2017 |
| Member - Proposal writing team. Higher Education for 20 th Century Project, Faculty of Agriculture & Plantation Management | 2011 |
| Member - Sport Advisory Board, Wayamba University of Sri Lanka | 2009 to 2015 |
| Member - Subcommittee for Promoting ethnic cohesion among students & staff. Higher Education for 20 th Century Project (HETC) | 2010 |
| Chairman - Canteen committee Makandura premises | 2003/ 2004 |
| Assistant Secretary - Wayamba University Teachers Association | 2002 / 2003 |

7. MEMBERSHIPS AT OTHER INSTITUTES

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| Member - Board of Study in Biochemistry and Molecular Biology Postgraduate Institute of Science, University of Peradeniya | 2010- 2017 |
| Member - National committee on National Flower – Ministry of Environment | 2012 |
| Member - Cashew Research and Management committee, Sri Lanka Cashew Corporation | 2012 - 2017 |
| Member Validation Committee. Validation of competency standard for the occupation of Floriculture & Landscape Gardening. National Apprentice and Industrial Training Authority | 2010 - 2011 |
| Member - Validation Committee. Validation of competency standard for the occupation of Field Assistant (Agriculture) National Apprentice and Industrial Training Authority | 2010 |
| Member - Coordinating committee. Implementation of National action plan for Haritha Lanka Programme | 2010 |

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| Chairman - Technical evaluation committee. Development of tissue culture laboratory. Ministry of Land, Agriculture, Irrigation & Animal Production Services, North Western Provincial Council | 2008 - 2009 |
| Member - National Floriculture Programme Research Group. Council for Agricultural Research Policy (CARP) | 2005 |

8. INVITED SPEECHES AT INTERNATIONAL CONFERENCES

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| Invited speech - to present the country report on Horticulture sector in Sri Lanka in the SAARC session. Organized by the Horticulture Society of Nepal from 8-11 th April 2016, Kathmandu, Nepal. | 2016 |
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| Keynote speech - 3 rd International Symposium on Quality Management in Supply Chains of Ornamentals. Title: Aquatic Cut Flower Industry. Organized by the International Society of Horticultural Sciences (ISHS) and Azad University. 1-3 May 2015, Kermanshah, Iran. | 2015 |
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9. RESOURCE PERSON IN WORKSHOPS & TRAINING PROGRAMMES

- Resource person: Medicinal Plant Garden Establishment Programme conducted by the Sri Lanka Association for the Advancement of Science Section - B held at Wayamba University of Sri Lanka. 28th October 2015.
- Resource person: in the workshop conducted by the QIG grant under HETC project, Faculty of Applied Sciences, Rajarata University of Sri Lanka. Title: Bottle Gardening on 19th November 2015.
- Resource person & Coordinator: workshop for the GCE (A/L) Teachers attached to the Mahawa educational zone in Bio-system Technology. 27th July 2015
- Resource person: workshop for the GCE (A/L) Teachers attached to the Nikaweratiya educational zone in Agriculture. 16th July 2015
- Resource person: Practical session on the development of the school garden at Mihindu Primary School, Dankotuwa. 15th May 2015.
- Resource person & Coordinator: Training programme for the GCE (A/L) Bio-system Technology students attached to the Kekunagolla Central College, Giriulla. 12th March 2015

- Resource person: Workshop on Management of School Environment conducted for newly appointed principles of North Western Province. Organized by the Zonal Education office, Hingurakgoda on 28th November 2014.
- Resource person: Workshop on Commercial Floriculture and Landscaping for Advance level Agro-technology teachers under the bio-system engineering subject, Wayamba Province 11-12 August 2014
- Resource person: Consultation workshop with stakeholders on curriculum revision Faculty of Applied Sciences, Rajarata University April 2014
- Resource person: Workshop on landscaping for teacher trainees and academic staff members at Sariputta National College of Education, Dambadeniya. September 2013
- Resource person: Workshop on Stress Management for better performance at your workplace under the title “Relieving stress through Horticulture” organized by the National Science and Technology Commission in Collaboration with Section A of the Sri Lanka Association for the Advancement of Science on 19th October 2012.
- Resource person: Workshop on “Art and Science in Landscaping” organized by the Section D of the Sri Lanka Association for the Advancement of Science at University of Ruhuna, Matara on 19th October 2012
- Resource person: Workshop on How to landscape your office premises / Home garden for the Academic, Administrative and Non-academic staff members of Wayamba University of Sri Lanka conducted by the Staff Development Centre January 2012
- Faculty Talk of the Faculty of Agriculture and plantation Management, Wayamba University of Sri Lanka on “National Flower of Sri Lanka” Are we following an imposter? On 06th April 2011
- Resource person: Workshop to popularize landscaping as a self-employment for rural women in the Bingiriya and Kuliyaipitiya electorates. Organized by the Bingiriya Development foundation. 2011
- Resource person: Workshop on landscaping for Advance level Agriculture and Agri-technology teachers, Wayamba Province 2011
- Resource person: Workshop on landscaping & Gardening organized by the Staff Development Centre of University of Sri Jayawardenepura on 6th December 2011
- Resource person: Training of subject directors and teachers in grade 13 GCE (A/L) Agriculture science subject. National Institute of Education (NIE) 2009/2011
- Resource person: Workshop on Biodiversity, Development and Poverty Alleviation to commemorate International Biodiversity day, 22nd May 2010

- Resource person: Workshop on Nature Gardening organized by the Biodiversity Secretariat, Ministry of Environment together with field ornithology group of Sri Lanka of the University of Colombo 14-16 December 2010 at Subodhi Institute of Integral Education, Piliyandala topic on How to use plants during nature gardening. December 2010
- Resource person: Training of teachers in grade 13 GCE (A/L) Agro Technology subject Landscaping National Institute of Education (NIE) 2009/2010
- Resource person and Coordination: Workshop on Wild life Gardening jointly organized by the Postgraduate Institute of Science (PGIS) University of Peradeniya and Department of Horticulture and Landscape Gardening, Wayamba University of Sri Lanka at PGIS, Peradeniya on 15th May 2009
- Resource person for the annual in-service Training programme for the officers of the National Botanical Garden on 3-4 December 2009 at the Education Centre, Royal Botanical Garden, Peradeniya on Wildlife gardening
- Resource person: Seminar for Advance Level school teachers in Landscaping and its applications. Organised by the National Institute of Education, Maharagama. May 2008
- Resource person: Training course in Floriculture and Landscaping, organised by the Department of Botany, University of Sri Jayawardenapura in collaboration with Sri Lanka Association for the Advancement of Science Section - B 6th, - 27th September 2008 at the University of Sri Jayawardenapura.

10. COMMUNITY SERVICE AND OTHER ACTIVITIES

Training: School children from Wayamba Province upon their request in Horticulture area, from 2010 – 2017.

As a resource person in Medicinal garden establishment programme conducted by the Sri Lanka Association for the Advancement of Science Section B. 2015.

Practical session on development of the school garden at Mihindu Primary School, Dankotuwa. 15th May 2015.

Designing the Children park at Bingiriya Development foundation, Ministry of Industry & Commerce. 2012.

Development of Nature Parks, Ministry of Environment. 2011-2012.

Awareness programme on Landscaping as a self-employment to rural women in Bingiriya and Kuliyaipitiya electorates. Organized by the Bingiriya Development Foundation in 2011.

Commercialization of the Tissue culture laboratory project, Ministry of Land,

Agriculture, Irrigation & Animal Production Services, North Western Provincial Council. 2009.

11. CONSULTANCIES

Designing the Industrial Park at the Bingiriya export zone, Bingiriya Development foundation, Ministry of Industry & Commerce. 2012.

Environment Impact Assessment prepared for the proposed Madampe Industrial Estate for the Ministry of Industries. 2010. In charge – Flora component.

Environment Impact Assessment prepared for the proposed Puttalam Industrial Estate for the Ministry of Industries. 2009. In charge – Flora component.

12. MEMBER, JUDGING PANEL AND CHAIRMAN, TECHNICAL SESSIONS

MEMBER OF THE JUDGING PANELS

3rd Wayamba University Research Congress, Wayamba University of Sri Lanka, 2019

2nd International Research Symposium (IRSUWU) organized by the Uva Wellassa University, February, 2018

2nd Wayamba University Research Congress, Wayamba University of Sri Lanka, 2018

National Symposium of Floriculture Research, organized by the Sri Lanka Council for Agriculture Research Policy and Department of National Botanical Gardens, December, 2016

5th Young Scientist forum Symposium organized by the National Science and Technology Commission January 2016

Faculty of Agriculture Undergraduate Research Symposium (FAuRS-2015), University of Peradeniya December 2015

23rd Annual Congress of the Postgraduate Institute of Agriculture, University of Peradeniya November, 2011

Member, judging panel, Technical Sessions of the In-plant Training Symposium (IPTS) of the Department of Agribusiness Management, 2008

CHAIRMAN IN TECHNICAL SESSIONS

Wayamba University Research Congress 2018, Wayamba University of Sri Lanka
Wayamba International Conference. Theme – Life Style Agriculture. Session – Horticulture & Environment sciences August, 2018

Wayamba International Conference. Theme – Life Style Agriculture. Session – Horticulture. August, 2016.

Wayamba International Conference. Theme – Climate & Environment. Session – Biodiversity Conservation. August, 2014.

Horticulture In-plant Training Sessions (HITS) of the Department of Horticulture & Landscape Gardening from year 2006 to 2014.

Agricultural Research Symposiums (AGRES) of the Department of Horticulture & Landscape Gardening from year 2004 to 2018.

National Symposium of Floriculture Research, organized by the Sri Lanka Council for Agriculture Research Policy and Department of National Botanical Gardens, December, 2016.

13. PROFESSIONAL AWARDS AND FELLOWSHIPS

Fulbright Professional Scholar Award 2019/2020, University of Illinois, Chicago, USA

Merit certificate for research from Wayamba University of Sri Lanka, 2017

Nepal Horticulture Society (NHS) fellowship to present the country report on Horticulture sector in Sri Lanka in the SAARC session of the 1st International Horticultural Congress organized by the Horticulture Society of Nepal from 8-11 April 2016, Kathmandu, Nepal.

National Science foundation travel grant to deliver a keynote address at the 3rd International Symposium on Quality Management in Supply Chains of Ornamentals Organized by the International Society of Horticultural Sciences (ISHS) and Azad University at Kermanshah, Iran May 2015

International Association of Botanical Gardens (IABG) travel grant to participate 13th Conference of International Association of Botanical Gardens, Guangzhou, China. November 2012.

European Weed Research Society (EWRS) Young Scientist Fellowship to participate the 12th International Symposium on 'Aquatic Weeds' held in Jyväskylä, Finland, from 24 to 28 August 2009.

National Science foundation travel grant to participate 6th International Congress on Education in Botanic Gardens. University of Oxford, UK, September, 2006

14. RESEARCH AND PUBLICATIONS

14.1 Research Grants

- Principle Investigator: Council of Agriculture Research Policy
Title: Introduction and propagation of *Helicteres isora* as a potential landscape plant.

2004

- Principle Investigator : Ministry of Environment and Natural Resources 2008
Title: Investigation of *Mayaca fluviatilis* as a potential invasive aquatic plant.
- Principle Investigator: Wayamba University Research Grant 2010
Title: Dust interception ability of hedge plants used in landscaping.
- Principle Investigator: Ministry of Environment and Natural Resources 2010
Title: *Ludwigia sedioides* : An ornamental aquatic with invasive potential in Sri Lanka.
- Principle Investigator: Wayamba University Research Grant 2013
Title: Low maintenance planting designs of wild and ornamental species to enhance aesthetics and insect diversity in abandoned lands.
- Principle Investigator: Wayamba University Research Grant 2013
Title: *Ludwigia sedioides*: Threats to the aquatic ecosystems of Sri Lanka.
- Principle Investigator: Ministry of Environment and Renewable Energy 2013-2014
Title: Low maintenance planting designs to enhance pollinator diversity in abandoned lands.
- Principle Investigator: Provincial Department of Agriculture. 2016
Title: Controlling unidentified weeds in the Wayamba Province Completed
- Principle Investigator: Wayamba University Research Grant 2018
Title: Conservation of threatened *Lagenandra* species in Sri Lanka Ongoing
- Co-Investigator: Wayamba University Research Grant 2010
Title: Identification of Causal Organisms of Common Diseases on Foliage Plant Grown in NWP and Development of Control Measures Completed
- Co Investigator: National Science Foundation (NSF) 2012
Title: Taxonomic Study on *Nymphaea nouchali* Burm.f. and the identification of hybrid taxa using molecular techniques. Completed
- Co-Investigator: Wayamba University Research Grant 2013
Title: Characterization of Mountain Papaya in Comparison with Carica papaya Cultivars using Morphological, Inter-simple Sequence Repeat and Simple Sequence Repeat Markers Completed

- Co Investigator: National Research Council 2015
Title: Clonal propagation of threatened *Nymphaea nouchali* Burm.f. Completed
The national Flower of Sri Lanka, to prevent its extinction
- Co-Investigator: Wayamba University Research Grant 2015
Title: Clonal propagation of threatened *Nymphaea nouchali* Burm.f. Completed
The national Flower of Sri Lanka, to prevent its extinction
- Co-Investigator: National Science Foundation (NSF) 2018
Title: Taxonomic study of Sri Lankan species belonging to Family Ongoing
Elaeocarpaceae

14.2 Post Graduate Research Supervision

PhD degrees

- Geographical distribution & genetic diversity of *Vanda tessellate* (Roxb)Hook. ex G. Don in Sri Lanka. Institute: Wayamba University of Sri Lanka. Ongoing.

M.Phil degrees

- Taxonomic Study on *Nymphaea nouchali* Burm.f. and the identification of hybrid taxa using molecular techniques. Institute: PGIS, University of Peradeniya. Completed in 2017.
- Vegetation Management: A tool to design the entrance area of the Kaudulla National Park. Institute: Wayamba University of Sri Lanka. Completed in 2017
- Low maintenance planting designs of wild and ornamental species to enhance aesthetics and pollinator diversity in abandoned lands. Institute: Wayamba University of Sri Lanka. Completed in 2018.
- *Ludwigia sedioides*: Threats to the aquatic ecosystems of Sri Lanka. Institute: Wayamba University of Sri Lanka. Completed in 2019.

M.Sc degrees

Control further spread of *Mayaca fluviatilis* Aubl.: An ornamental aquatic with invasive potential in Sri Lanka. Institute: Post Graduate Institute of Science, University of Peradeniya. Completed in 2016.

14.3 REVIEW AND EDITORIAL WORK

Member Editorial Board: Agro Technology, volume I. A book published by the Department of Agriculture, (□□□□ □□□□□□ □□□□ □□□□□□□□. □□□□ □□□□).

Member Editorial Board: Agro Technology, volume II. A book published by the Department of Agriculture, (□□□□ □□□□□□ □□□□ □□□□□□□□. □□□□ □□□□).

Reviewer: Journal of Food and Agriculture. 2013, 2018 and 2019

Member of expert review panel. Journal of Environmental Professionals Sri Lanka. 2013 – 2016

Editor-in-chief. Proceedings of the Wayamba International Conference (WinC 2014) August 2014, Wayamba University of Sri Lanka.

Member of Review panel. Proceedings of the National Symposium on Invasive Alien Species (IAS 2014). November 2014

Reviewer: Journal of National Science Foundation. 2015 – 2017

Reviewer: In plant training symposium. Department of Agribusiness Management, Wayamba University of Sri Lanka. 2015 – 2016.

Member Editorial Board. Proceedings of the Wayamba International Conference (WinC 2016). August 2016. Wayamba University of Sri Lanka.

Member Editorial Board: Proceedings of the Agricultural Research Symposiums. In years 2016, 2015, 2013, 2011-2007 and 2003. Wayamba University of Sri Lanka.

Reviewer: Journal of Agricultural Sciences. – AGRIEAST. 2017

14.4 PUBLICATIONS

RESEARCH PUBLICATIONS IN REFEREED JOURNALS

Ramanayake, S.M.S.D and **Yakandawala, K.** (1997). Micropropagation of the Giant bamboo (*Dendrocalamus giganteus* Munro) from nodal explants of field grown culms. Plant Science 129:213-223.

Ramanayake, S.M.S.D and **Yakandawala, K.** (1998). Incidence of flowering, Death and Phenology of Development in the *Dendrocalamus giganteus* Munro. Annals of Botany 82: 779 - 785.

Yakandawala, D and **Yakandawala, K.** (2007). *Mecardonia procumbens* (Mill.) Small. An addition to the Sri Lankan Scrophulariaceae Juss. Ceylon Journal of Science (Biological Sciences). 36 (1): 61-64.

Yakandawala, K. and Dissanayake, D.M.G.S. (2010). *Mayaca fluviatilis* Aubl. : An ornamental aquatic with invasive potential in Sri Lanka. Hydrobiologia. 656 (1): 199-204

Yakandawala, D and **Yakandawala, K.** (2011). Hybridization between native and invasive alien plants: An overlooked threat to the biodiversity of Sri Lanka. Ceylon Journal of Science (Biological Science). 40 (1): 13 – 23.

Yakandawala Deepthi, **Yakandawala Kapila**, Saturusinghe Anura and Gunasekera Samantha (2013). The blooming ornamental aquatic plant industry: A threat to the aquatic ecosystems of Sri Lanka? The Sri Lanka Forester. Volume 35. Pp 1-106.

Pallawala, P.A.P.M., Wijesinghe, S.A.E.C. and **Yakandawala, K.**, (2013). Potential Tree Species as a Source of Air Filters to Capture Particulate Matter of the Atmosphere. *Journal of Food and Agriculture*. 6 (1-2), pp. 45-53.

K. Yakandawala and Adikari, A. M. L. G. (2014). *Lawsonia inermis* (Lythraceae): From the Wild to the Garden. *Journal of Environmental Professionals Sri Lanka*: 3 (2). 48-59.

Wijesooriya, H.D.S.N., Debarawatte, D.D.N., **Yakandawala, K.**, Dabarera, R. and Sanjeevanie, W.A.P. (2015). Effect of Growth and Yield of Brinjal (*Solanum Melongena* L.) Grown Under Different Poly Mulches. *Journal of Food and Agriculture*. 8 (1 & 2): pp 24 - 31.

Fernando, M. S. N. and **Yakandawala, K.** (2015). Performance of selected native ground cover species under induced drought conditions. *Journal of Environmental Professionals Sri Lanka*: 4 (2) 25-35.

D.P.G. Shashika K. Guruge, Yakandawala, Deepthi and **Yakandawala, Kapila** (2016). Confirming the identity of newly recorded *Nymphaea rubra* Roxb. Ex andrews discerning from *Nymphaea pubescens* Willd. using morphometrics and molecular sequence analyses. *Bangladesh Journal of Plant Taxonomy* 23(2): 107-117.

Wijesinghe, S. A. E. C., **Yakandawala, K.** and Karunarathne, W. A. I. P. (2016). Seed Germination of Selected Wild Flowering Species for Low Maintenance Planting Designs. *Journal of Environmental Professionals Sri Lanka*. 5 (2) 1-15

Debarawatta, R.D.N., **Yakandawala, K.** and Attanayake, D.P.S.T.G. (2016). Regeneration ability of fragments of *Ludwigia sedioides*: a potential invasive plant in Sri Lanka. *Pakistan Journal of Weed science Research*. 22(4). 499-510.

De Mel, L.M.S. and **Yakandawala, K.** (2016). Breaking Seed Dormancy in a Forest Plant: *Grewia damine* Gaertn. *Journal of Environmental Professionals Sri Lanka*: 5 (1) - 41-52

Chathurangani D., **Yakandawala, K.** and Yakandawala D. (2016). A Study on Competition Between *Hydrilla verticillata* and *Mayaca fluviatilis*. *Journal of Environmental Professionals Sri Lanka*: 5 (1)11-22

Wijesinghe, Erandi C., **Yakandawala, Kapila** and Karunarathne, Inoka P. (2016). Environmental Consciousness Derived from Classroom Teaching. *Open Science Journal of Education*. 4 (1) 6-10.

Fernando, C.N., **Yakandawala, K.**, Attanayake, D.P.S.T.G. and Perera, P.I.P. (2016). Optimization of the sterilization protocol and the leaf stage for minimizing the

contamination risk in cultured Violet Flowered *Nymphaea* leaves. Transactions of Persatuan Genetik Malaysia. No 3 Pp 101-104.

Yakandawala, DMD, Guruge, DPGS. & **Yakandawala, K.**, (2017). Evidence for interspecific hybridization between exotic 'Dam manel, (*Nymphaea* x *erangae*) and native 'Nil manel' (*Nymphaea nouchali* Burm. f.) in Sri Lanka. Ceylon Journal of Science. **46** (3): 81-91.

Warnakula, W., Kottearachchi, N. and **Yakandawala, K.**, (2017). Morphological, SSR and ISSR marker based genetic diversity assessment of mountain papaya germplasm in comparison with *Carica papaya*. Journal of the National Science Foundation of Sri Lanka, 45(3), pp.255-264.

Guruge Shashika, Yakandawala Deepthi and **Yakandawala Kapila** (2017). A taxonomic synopsis of *Nymphaea nouchali* Burm. f. and infraspecific taxa. Journal of National Science Foundation Sri Lanka. 45(3), pp.307-318

Yakandawala Deepthi, Guruge Shashika and **Yakandawala Kapila** (2017). The identity of the violet flowered water lily (Nymphaeaceae) in the wetland ecosystems of Sri Lanka. Journal of National Science Foundation Sri Lanka. 45 (4): 381 - 392

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