

Ms. T.T.D. Dharmarathna
Temporary Lecturer in Palm Technology

Department of Export Agriculture
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PROFILE

A Crop Scientist graduated in Agricultural Sciences and mastering in Agricultural Biology (Biotechnology) with research interests on cultivation, management and non-food processing of coconut and other palms and willing to have a good position with maximum experiences in academic field that will utilize my dedication at my best for the betterment of the institute and country.

EDUCATIONAL QUALIFICATIONS

- MSc in Biotechnology (Reading), Board of study in Agricultural Biology, Post Graduate Institute of Sri Lanka, University of Peradeniya

- **BSc Agriculture (Special) Degree, Faculty of Agriculture, Rajarata University of Sri Lanka**

Lanka

Medium	English
Specialized in	Crop Production Technology
Effective date	21 st September 2017
GPA	3.72
Class pass	First class
Duration	Four years

- **G.C.E. Advanced Level (2012), Taxila Central College, Horana (Examination No: 9055045)**

Subject	Grade	Subject	Grade
Biology	(B)	General English	(A)
Chemistry	(B)	Common General Test	063
Physics	(B)	Z- Score	1.2676

- **G.C.E. Ordinary Level (2007), Taxila Central College, Horana**
(Examination No: 70884358)

Subject	Grade	Subject	Grade
Science	A	History	A
Mathematics	A	Business & Accounting	A
Health & Physical Education	A	Drama & Theater	B
English	A	Language & Literature (S)	B
Buddhism	A	English Literature	C

- **Six month full time course of Communicative English for Job Seekers (2012),**
Department of Technical Education and Training, Technical college, Rathnapura
(Examination No: 15109)

Subject	Grade
Oral test	Merit
English 1	Distinction
English 2	Distinction
English 3	Merit

ACADEMIC HONOURS (AWARDS, RECOGNITIONS AND SCHOLARSHIPS)

- Prof. Aruni Weerasinghe Gold Medal for Overall Highest Final GPA at the 18th General Convocation of the Faculty of Agriculture, Rajarata University of Sri Lanka held on 30th May 2018
- Dr. Sena Yaddehige Gold Medal for Most Outstanding Performance in Crop Production Technology Specialization Module at the 18th General Convocation of the Faculty of Agriculture, Rajarata University of Sri Lanka held on 30th May 2018
- Sisu Udana Gold Medal for Highest GPA in Core Courses at the 18th General Convocation of the Faculty of Agriculture, Rajarata University of Sri Lanka held on 30th May 2018
- Chinese Ambassador Scholarships 2017 for the better performance at the Faculty of Agriculture, Rajarata University of Sri Lanka, Pulyankulama

PUBLICATIONS

Peer Reviewed Journal Articles

- Dharmarathna, T., Herath, H., Weerasinghe, P., Herath, H. (2018). Inter Simple Sequence Repeat Markers for Analysis of Molecular Diversity and Genetic Structure of eighteen *Dendrobium* Cultivars in Sri Lanka. *International Journal for Innovation Education and Research*, 6(3), 91-102. Retrieved from <http://www.ijer.net/ijer/article/view/975>

Books/Book Chapters

Abstracts/Extended Abstracts

- Dharmarathna T.T.D, H.M.D.A.K. Herath, P.A. Weerasinghe and H.M.V.G. Herath. 2017. Inter Simple Sequence Repeat Markers for Analysis of Molecular Diversity and Genetic Structure of eighteen *Dendrobium* Cultivars in Sri Lanka, Proceeding of the 9th Annual Research Symposium on Sustainable Agriculture for Food Security and Poverty Alleviation 2017, 21st September 2017, Faculty of Agriculture, Rajarata University of Sri Lanka, 62pp.
- Marasinghe U.S.S, W.M.K. Lakdusinghe, T.T.D. Dharmarathna and W.A.J.P. Wijesinghe. 2019. Quality Improvement of Coconut Butter Spread, Proceeding of International Research Conference on Sustainable Business Transition through Technology and Innovation, 7-9th February 2019, Uwa Wellassa University, Paper ID 1045.
- Thilakarathna H.M.N.P, J.A.K.M. Fernando, T.T.D. Dharmarathna and A.M.W.K. Senevirathna. 2019. Identification of Retting Enhancing Microbial Strains in Coconut Fibre Extraction, Proceeding of International Research Conference on Sustainable Business Transition through Technology and Innovation, 7-9th February 2019, Uwa Wellassa University, Paper ID 987.
- Premarathna R.I.U, A.D. Wijenayake, G.A.A.R. Perera and T.T.D. Dharmarathna 2019. Development of Creamed Coconut Sauce, Proceeding of International Research Conference on Sustainable Business Transition through Technology and Innovation, 7-9th February 2019, Uwa Wellassa University, Paper ID 1015.

Scientific Presentations

- Dharmarathna T.T.D, H.M.D.A.K. Herath, P.A. Weerasinghe and H.M.V.G. Herath. 2017. Inter Simple Sequence Repeat Markers for Analysis of Molecular Diversity and Genetic Structure of eighteen *Dendrobium* Cultivars in Sri Lanka, Proceeding of the 9th Annual Research Symposium on Sustainable Agriculture for Food Security and Poverty Alleviation 2017, 21st September 2017, Faculty of Agriculture, Rajarata University of Sri Lanka, 62pp.

Theses/Dissertations

- Dharmarathna T.T.D, H.M.D.A.K. Herath, P.A. Weerasinghe and H.M.V.G. Herath. 2017. Inter Simple Sequence Repeat Markers for Analysis of Molecular Diversity and Genetic Structure of eighteen *Dendrobium* Cultivars in Sri Lanka, 21st September 2017, Faculty of Agriculture, Rajarata University of Sri Lanka

PATENTS

RECENT RESEARCH PROJECTS INVOLVED

- Chemical Mutation Induction using Ethyl Methyl Sulfonate in Commercial *Dendrobium* cultivars (2016-2018), Faculty of Agriculture, Rajarata University of Sri Lanka

THESIS SUPERVISION

Co-Supervisor for

- Premarathna R.I.U. (UWU/EAG/14/0023) with “Development of Creamed Coconut Sauce”
- Nithiyananthans S. (UWU/EAG/14/0047) with “Developing a Coconut Yoghurt from Coconut Milk”
- Marasinghe U.S.S. (UWU/PLT) with “Quality Improvement of Coconut Butter Spread”
- Thilakarathna H.M.N.P (UWU/PLT) with “Identification of Retting Enhancing Microbial Strains in Coconut Fibre Extraction”

TEACHING CONTRIBUTION

- Nursery Management (Coconut) for 1st year students
- Cultivation and Management of Coconut and Other Palms for 2nd year students

WORK EXPERIENCE

- Seven months working experience as a temporary lecturer, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uwa Wellassa University
- Eleven months working experience as a temporary demonstrator, Department of Crop Science, Faculty of Agriculture, Rajarata University of Sri Lanka (From 30th October 2017 to 30th September 2018)
- Three weeks experience on working as a temporary demonstrator on volunteer basis (From 6th October to 30th October 2017)
- One month Industrial Training as a Laboratory and Field Assistant at VINT Clonal Propagation, Minuwangoda (February-March 2017)
- Three months experience as Census Officer at the enumeration stage of the 14th Census of population and Housing of Sri Lanka by Department of Census and Statistics (2011)

OTHER POSITIONS HELD

- Committee member in rapporteuring sub-committee of 10th annual research symposium (2018) in Faculty of Agriculture, Rajarata University of Sri Lanka
- Committee member of organizing committee to conduct active citizen program for new intake (2018) in Faculty of Agriculture, Rajarata University of Sri Lanka

RESOURCE PERSON

- Exhibition stall at Madatugama Sri Rewatha Maha Vidyalaya for 100 years of celebration (2018)
- One day training programme on tissue culture for A/L students of Mihinthale Central College organized by Faculty of Agriculture, Rajarata University of Sri Lanka (2018)
- Participated for Thirasara Mandapaya radio programme titled on Orchid Tissue Culture at Rajarata FM, Sri Lanka Broadcasting Corporation (2018)

TRAININGS AND WORKSHOPS ATTENDED

- Certificate Course on Teaching in Higher Education (CTHE)
- Workshop on New product commercialization and intellectual Properties
- Six months training course in Field Crop Management and Animal husbandry, at faculty of Agriculture, Rajarata University (2015)
- Completed a four day training session on Introduction to farm machinery at FMTC, Puliyankulama (2015)
- Completed a four day training session on Operation and maintenance of two wheel and four wheel tractors at FMTC, Puliyankulama (2015)
- Participated in two-day training program on Inland Fisheries and aquaculture, at National Inland Fisheries and Aquaculture Training Institute, Ministry of Fisheries and Aquaculture Resources Development, Kalawewa (2015)
- Participated a two day Residential Training Programme on Productivity and Quality Management Techniques, National Institute of Plantation Management (2016)
- Participated a five day Residential Training Programme on Productivity and Quality Management Techniques in Plantation Sector, National Institute of Plantation Management (2017)
- Participated for a four day training program on Post-Harvest Technology of Agricultural Crops at Institute of Post-Harvest Technology, Anuradhapura (2015)
- Participated in soft skill workshops on leadership and career development, organized by career guidance unit of the university
- Successfully completed two week training programme on Developing Leadership Qualities and Positive Thinking conducted by Ministry of Higher Education (2013)
- Participated in one-day workshop on Adapting Challenges and Ladder to Success conducted by career guidance unit of the University (2013)
- Participated in one day workshop on Soft Skills Development in Undergraduates by Faculty of Agriculture, Rajarata University of Sri Lanka (2014)

EDITOR/REVIEWER ASSIGNMENTS

SCIENTIFIC SOCIETIES MEMBERED

PERSONAL INFORMATION

Surname : Dharmarathna
Name : Thalagalage Thanuja Dilrukshi
Sex : Female
Date of Birth : 1991-02-24
Marital Status : Single
Nationality : Sinhala
Contact : 071-9035887