

CURRICULUM VITAE

Sanduni Anuththara Kumari Rathnayake

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Biography

Lecturer

Department of Agricultural Extension

Faculty of Agriculture

University of Peradeniya

Peradeniya

Sri Lanka

Career Objective

To be an outstanding professional who can contribute the development of the sector
I serve while creating a significant positive impact in peoples' lives

Education

Higher Education

PhD in Agriculture and Horticulture (Reading) -School of Agriculture, Massey University, New Zealand-2020 up to date

M.Sc. in Agricultural Sciences (Resource Management and Society)- Graduate School of Agricultural Sciences, Saga University, Japan -2012

B.Sc. Special Degree in Agricultural Technology and Management, University of Peradeniya, Sri Lanka - 2009

Final GPA: 3.54 (second upper class honours)

Area of Specialization: Agricultural Extension (Developmental Communication and Organizational Management)

School Level Education

G.C.E. A/L Mahamaya Girls' College, Kandy, Sri Lanka (April 2004)

Biology **A** Chemistry **C** Physics **C**

G.C.E. O/L Mahamaya Girls' College, Kandy, Sri Lanka (December 1999)

11 Distinctions (Subjects: Mathematics I & II, Science I & II, English, Buddhism, Sinhala, Commerce and Accounting, Eastern Music, Social Studies, History)

Appointments

- Lecturer at the Department of Agricultural Extension, Faculty of Agriculture, University of Peradeniya from 15th Oct 2018 up to date
- External Consultant at Lanka Social Ventures, Athulkotte, Sri Lanka, from 2016 up to date
- Management Trainee, Noritake Lanka Porcelain Private Limited, Matale, from November 2014 to May 2016 (1.5 ys)
- Graduate Teaching Assistant, Saga University, Japan , 2010-2012
- Temporary tutor in Department of agricultural extension, Faculty of Agriculture, University of Peradeniya, Sri Lanka - May 2009 to September 2010
- Academic sub-warden in Wijewardena girls' hostel, University of Peradeniya, Sri Lanka in 2009

Memberships

International

- Member of ASSURAN International Scholarship Foundation ,Japan

National

- Member of Sri Lanka Agricultural Extension Association

In University of Peradeniya

- Faculty Board 2019, Faculty of Agriculture
- Faculty Results board 2019, Faculty of Agriculture
- Student Welfare and Advisory Committee 2019/2020, Faculty of Agriculture
- TimeTable Committee, 2019/2020, Faculty of Agriculture
- Post Graduate Institute of Agriculture Congress, 2019 - Organising Committee
- Faculty of Agriculture Undergraduate Research Symposium, 2018-Session Co-coordinator

Research Interests

- Agricultural Extension
- Farmer resilience during shocks
- Livelihood and Rural Development

- Farmer organisations
- Social Business / Social Enterprises
- Agribusiness

Undergraduate Teaching

- EX 2201: Principles of Human Behaviour
- EX 3202: Communication Theory and Practice (Course Coordinator-2018/2019/2020)
- EX 3201: Extension Education
- EX 4103: Productivity Enhancement Training (Course Coordinator-2019/2020)
- EX4106: Project Development and Management
- EX 4107: Gender Issues in Development

Undergraduate Research Co-supervision

In 2018/2019

- Evaluation of factors affecting the industry stagnation of small scale mushroom farmers in Matara district, Sri Lanka
- Influence of climate change on dairy farming community in *Kurunegala* district, Sri Lanka
- Factors contributing to the participation in household decision making: case of *Hela Bojun*, Sri Lanka

Publications

Journal Articles

- Rathnayake, S., Gray, D., Reid, J., & Ramilan, T. (2022). The impacts of the COVID-19 shock on sustainability and farmer livelihoods in Sri Lanka. *Current Research in Environmental Sustainability*, 4, 100131.
- Gow G., Dissanayeke U., Jayathilake C., Kumarasinghe I., Ariyawanshe, K. and Rathnayake S. (2020). ICT Leadership Education for Agricultural Extension in Sri Lanka: Assessing a Technology Stewardship Training Program 107, *International Journal of Education and Development using Information and Communication Technology (IJEDICT)*, Vol. 16, Issue 1, page

- Rathnayake, B.S.A.K., Nawaratne, N.W.M.G.S. , (2019) Women participation in Agriculture and Issues in Agricultural Extension in Sri Lanka. Noble International Journal of Agriculture and Food Technology, 1(1), 20-28
- Rathnayake S.J., Rathnayake S., Wijesuriya WMNKL (2019); Prevalence of Agro-chemical Poisoning; with special reference to Organophosphates and Carbamate Insecticide Poisoning among Hospital Admissions of Nuwaraeliya District General Hospital, Sri Lanka from 2014 to 2018; International Journal of Scientific and Research Publications , 9(7), 120-124:
<http://dx.doi.org/10.29322/IJSRP.9.07.2019.p9116>
- Rathnayake, S., & Rathnayake, S. (2019). An Overview of Upcountry Cut Flower Industry, Sri Lanka. Asian Journal of Agricultural Extension, Economics & Sociology, 33(1), 1-9.
<https://doi.org/10.9734/ajaees/2019/v33i130167>
- Rathnayake, S. (2018) Strengths, Weaknesses, Opportunities and Threats (SWOT) Analysis for Farmer Companies to re-emerge as Social Business Models in Sri Lanka: A Case Study in Ridebendiela Farmer Company. Asian Journal of Agricultural Extension, Economics and Sociology, 28(3), 1-6,
<http://www.sciencedomain.org/abstract/27657>
- Kumari, BSA. (2013) Role of Social Business in Livelihood Improvement: The Experiences of Farmers` Companies in Sri Lanka. Journal of Agriculture and Biodiversity Research, 2(2), 24-32

Conference Proceedings:

Full paper articles

- Rathnayake, Sanduni. (2021). Two Decades of Socio-Economic Research in Floriculture Sector in Sri Lanka: A Review. National Symposium on Floriculture Research (NASFLOR). Sri Lanka. Council for Agricultural Research Policy.
- Rathnayake, S., Kamiss, T. A., Dissanayeke, U. I., Alahakoon, P. C. B., & Rizwan, M. F. M. (2021). Agricultural Call Centres: An Overview Of 1920

Agricultural Advisory Service Usage, Sri Lanka. International Conference on Advances in Technology and Computing (ICATC-2021). Faculty of Computing and Technology (FCT), University of Kelaniya, Sri Lanka. 18th December 2021

- Gow,G.,Dissanayake,U.,Jayathilaka,C., Chowdhury,A., Ramjattan,J., Ganpat,W., Kumarasinghe,I., Ariyawanse,K.,Rathnayake,S.,Putting the Capabilities Approach into Action (Research): A Comparative Assessment of a Technology Stewardship Training Program for Agricultural Extension in Sri Lanka and Trinidad. International Association of Media and Communication Research (IAMCR) Conference, Tempere, Finland, July 2020 (Virtual Conference)
- Gow,G.,Dissanayake,U.,Jayathilaka,C.,Kumarasinghe,I.,Ariyawanse,K.,Rathnayake,S.,Technology Stewardship Training for Agricultural Communities of Practice: Establishing a Participatory Action Research Program in Sri Lanka. 11th International Development Informatics Association Conference (IDIA2020).Macau, 25 – 27 March 2020 (Virtual Conference)
- Kumari,S, Farmers` Companies For Agricultural Commercialization In Sri Lanka: Experiences Of Ridebendiela Farmers` Company - Past, Present And Future; International Conference on Agriculture and Animal Sciences; Proceedings of AgriAnimal 2013; July 8-9;Colombo ,Sri Lanka, pp66
- Kumari,BSA, Sivayoganathan,C,Sisira Kumara,WAG, Effectiveness of toll free agricultural advisory service to vegetable growers in Kandy district; Experiences and Challenges in Agricultural Extension: Meeting Farmer Needs - Proceedings of the Agricultural Extension Conference ;2009 August 27-28; Plant Genetic Resources Centre, Peradeniya, Sri Lanka, pp.355 – 371

Poster presentations

- Gow,G.,Dissanayake,U.,Jayathilaka,C., Chowdhury,A., Ramjattan,J., Ganpat,W., Kumarasinghe,I., Ariyawanse,K.,Rathnayake,S.,Technology Stewardship and the

Capabilities Approach: Assessing a Leadership Training Program for Agricultural Communities of Practice in Sri Lanka and Trinidad. Human Development and Capability Association(HDCA)Conference, Auckland, New Zealand, 30th June - 02nd July 2020 (Virtual Conference)

- W. G. K. Weerasooriya, **B. S. A. K. Rathnayake**, Influence of Climate Change on Dairy Farmers in Kurunegala District. iPURSE 2019

Abstracts

- Rathnayake, S., Gray, D., Reid, J., & Ramilan, T. (2022). The Impact of COVID-19 on Vegetable Farmers: A Review. The 9th International Conference on Agriculture 2022 (AGRICO 2022).11th-12th July, Colombo Sri Lanka, p 26
- S. Rathnayake, S.J. Rathnayake, U.I. Dissanayeke and A. Warnasooriya (2022) Agrochemical poisoning among paddy farmers in Horowpathana agrarian service centre division in Anuradhapura district, Sri Lanka. 3rd National Symposium on Agro-Technology and Rural Sciences – 2022.28th June 2022. University of Colombo Institute for Agro-Technology and Rural Sciences – Sri Lanka,p 26
- W.M.N.K.L.Wijesuriya, A.A.I.N. Jayasekara, B.S.A.K. Rathnayake, S.J. Rathnayake. Attitude of Public Health Midwives towards Prevention of Mother to Child Transmission of HIV in Kandy Regional Director of Health Services Area. Peradeniya University International Research Sessions (iPURSE), 2019
- Nuwanthi EWKA,Dissanayake UI,Rathnayake SAK,Gunawardena D. Evaluation of factors affecting the industry stagnation of small scale mushroom farmers in Matara district, Sri Lanka. Proceedings Faculty of Agriculture Undergraduate Research Symposium 2018; February 21st; Faculty of Agriculture, University of Peradeniya,Sri Lanka,pp 205
- Yamada Y, Jayawardena LNAC, Rathnayake SAK. Factors contributing to the participation in household decision making: case of *Hela Bojun*, Sri Lanka.

Grants received

- University Research Grants-2019, Grant No. URG/2019/42/Ag.
 - Title of the project: Exploratory study on occupational hazards among paddy farmers and role of agricultural extension: A case study in a selected agricultural village in Anuradhapura district, Sri Lanka
 - Value of the grant: Rs.263,850.00
 - Project team: Ms.B.S.A.K.Rathnayake (team leader),
 - Dr.S.J Rathnayake, Registrar (Medical Administration),Post graduate of Medicine, Colombo,Sri Lanka
 - Dr.U.I Dissanayake, Senior Lecturer, Department of Agricultural Extension, Faculty of Agriculture, University of Peradeniya, Sri Lanka

Other academic Involvements

- Member of the review panel of Chartered Institute of Personnel Management (CIPM) Sri Lanka research symposium and Journal, 2019
- Reviewer of Asian Journal of Agricultural Extension, Economics and Sociology

Academic Achievements

International level

- AHEAD –PhD scholarship to pursue PhD studies at Massey University, New Zealand-2020-2023
- Selected for APN's (Asia-Pacific Network for Global Change Research) Proposal Development Training Workshop, 2020
- ASSURAN scholarship for higher studies in Saga University from ASSURAN International Scholarship Foundation, Japan
- *Monbukagakusho* scholarship offered by Japanese government for Post-graduate studies in Saga University, Japan – 2010
- Special prize in Japanese speech contest organized for international students in Saga University, Japan - 2011 (received from Saga university)

- Asia Pacific Children's Convention in Fukuoka, Japan - Selected as a Junior ambassador from Sri Lanka by Ministry of Education, Sri Lanka - 1994

University level

- A.T. Mosher gold medal for academic excellence in Agricultural Extension, University of Peradeniya, Sri Lanka - 2009

School level

- Prizes at Annual prize giving in Mahamaya Girls' College, Kandy for high academic performances
- Year 5 scholarship examination in Sri Lanka, 1993 - Island rank – 04

Programmes and Field Experiences

- Completed the Induction Programme for University academic staff – 2019 December 2019
- Involved in collaborative field activities on "Supporting Program on Activation of Child Education through Collaboration with Youth Generation in Tea Plantations in Sri Lanka" with Utsunomia University, Japan, 2018-2019
- Organising and conducting field productivity enhancement training for 100 farmers in *Madulla* village, Nuwareliya district, 2019
- Participated for the workshop in Strengthening Agricultural Extension in Sri Lanka: Policy Recommendations, 2019
- Engaged in developing and promoting social enterprises, especially in Upcountry Floriculture sector, Sri Lanka, 2017
- Coordinated *Monotsukuri* Japanese Management Principle implementation in Noritake Lanka Porcelain Pvt. Ltd., Sri Lanka, 2014-2016
- Involved with AIMIRAI Japan, and conducted various volunteer activities and international exchange events during the stay in Saga, Japan
- Organized two day farmer training programmes - *Eppawala* in *Anuradhapura* district (2008) and in *Matale* (2010)
- A member of the 60th anniversary agricultural exhibition organizing committee of the faculty on behalf of the department of agricultural extension in 2008
- Undergone outward bound trainings on group dynamics and personality development in 2009 and 2010 organised by Faculty of Agriculture and Post-graduate Institute of Agriculture, University of Peradeniya
- Participated in Participatory Rural Appraisal (PRA) programme, organized by CARE Sri Lanka Organization in *Monaragala* district in 2008

- Participated in two day workshop on leadership and entrepreneurship development, organized by the Nucleus foundation in 2008

Achievements in sports

University level Games.

- Sri Lanka University Sports Association (SLUSA) awards for hockey in year 2005 and 2006.
- University colours winner for hockey in year 2005, 2006, 2007 and 2008.
- A member of the champion team in interuniversity hockey tournaments in year 2006 and 2008.
- Interfaculty hockey tournament- runners up in year 2005 and 3rd place in 2008.
- Participated in the “Pera Sixes” hockey tournament organized by the University hockey association.

School level Games

- A member of the under 19 school hockey team which was placed third in national schools hockey tournament in 1998.
- College colours winner for hockey in 1998

Positions held as a student

University level

- Secretary of Agriculture Faculty Journalism and Media Society-2008.
- Vice captain of university hockey team-2008.
- A member of the university sports council-2008.

School level

- Head prefect-Mahamaya Girls’ college,Kandy hostel - 2001.
- President of college literacy club - 2002.

Other Skills

- Literate on commonly used computer packages including Statistical Packages for Social Sciences (SPSS)
- Fluency in Sinhala and English, excellent communication abilities together with presentation skills/ TOEFL(iBT) (2020) score- 96
- Fluency in Japanese Language (Reading, Writing and Speaking)

Names of non- related referees

1) Dr. David Gray

Senior Lecturer

College of Sciences

School of Agriculture and Environment

Massey University,

New Zealand

T.P. +6469517805

Email: D.I.Gray@massey.ac.nz

2) Dr Thiagarajah Ramilan

Senior Lecturer

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I hereby acknowledge that the information provided above is true and accurate to the best of my knowledge.

11/11/2022

Date



Signature of Applicant