

Ms. K. G. B. A. Samarasinghe
Lecturer (Probationary)

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1. PROFILE

A scientist in Tea Technology with research interests in Tea Production, Processing, Value Addition and New product development. The objective is to be an enthusiastic, well-disciplined person with an enormous interest in excelling in the field of Plantation Agriculture and to share the knowledge for the improvement of society and growth of the organization.

2. EDUCATIONAL QUALIFICATIONS

- 28-08-2018 to Date M.Phil. in Crop Science (by Research)- Reading
Faculty of Animal Science and Export Agriculture
Uva Wellassa University of Sri Lanka
- 2014-2018 Bachelor of Tea Technology and Value Addition (BSc) Special
First Class Honors- GPA of 3.82/4.00 (English Medium)
Faculty of Animal Science and Export Agriculture
Uva Wellassa University of Sri Lanka

3. ACADEMIC HONOURS (AWARDS, RECOGNITIONS AND SCHOLARSHIPS)

- Vice Chancellor's award for the Best Performance in Bachelor of Science in Tea Technology and Value Addition Degree Program at the General Convocation 2017 of Uva Wellassa University
- Nominated for Dean's List 2018, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka.

4. PUBLICATIONS

4.1 Peer Reviewed Journal Articles

- Samarasinghe, B., Kaliyadasa, E. and Marasinghe, P. (2020). Investigation of Bioactivities and Physicochemical Properties of Four Different Curcuma Species Available in Sri Lanka. *Journal of Medicinal plants and By-product*, 9(2), Article in press. <https://doi.org/10.22092/jmpb.2020.343464.1227>.

- Ewon Kaliyadasa and Bhagya A. Samarasinghe. (2019). Genus *Alpinia*, a potential power house of bioactives: a review. *International Journal of Pharmaceutical Sciences & Research*, 10(6), 2644-2653. <https://doi.org/10.13040/IJPSR.0975-8232>.
- Ewon Kaliyadasa and Bhagya A. Samarasinghe. (2019). A Review on Golden species in Zingiberaceae around the world: Genus *Curcuma*. *African Journal of Agricultural Research*, 14(9), 519-531. <https://doi.org/10.5897/AJAR2018.13755>.
- Alakolanga, A. G. A. W., Samarasinghe, K. G. B. A. and Usna, J. F. (2019). Screening of Alpha Amylase Inhibitory Activity and Antioxidant Activity of Selected Sri Lankan Medicinal Plants and Development of Herbal Tea. Accepted for publication in *Journal of Agricultural Science and Technology*, USA.

4.2 Abstracts/Extended Abstracts

- Samarasinghe, K. G. B. A., Kaliyadasa, P. E. and Piyal Marasinghe. (2020). Antioxidant Properties and α - Amylase Inhibition activities of Four Different *Curcuma* Species in Sri Lanka. Proceedings of *International Research Conference 2020, Uva Wellassa University*, Page 47.
- Thiruneelan, T., Kaliyadasa, P. E., Alakolanga, A. G. A. W., Jayasinghe, H. A. S. L. and Samarasinghe, B. A. (2019). Determination of the variation of Biochemical Properties of Selected Tea Cultivars [*Camellia sinensis* (L.) O. Kuntze] in Up Country. Proceedings of *International Research Conference 2019, Uva Wellassa University*, Page 552.
- Samarasinghe, K. G. B. A., Jayasinghe, H. A. S. L. and Alakolanga, A. G. A. W. (2018). Evaluation of the Relationship between SPAD reading and Biochemical Profile of Fresh Leaves of Selected Tea Cultivars [*Camellia sinensis* (L.) O. Kuntze]. Proceedings of *2nd International Research Symposium, Uva Wellassa University*, Page 11.

4.3 Scientific Presentations

- Samarasinghe, K. G. B. A., Kaliyadasa, P. E. and Piyal Marasinghe. (2020). Antioxidant Properties and α - Amylase Inhibition activities of Four Different *Curcuma* Species in Sri Lanka. Proceedings of *International Research Conference 2020, Uva Wellassa University*, Page 47.
- Samarasinghe, K. G. B. A., Jayasinghe, H. A. S. L. and Alakolanga, A. G. A. W. (2018). Evaluation of the Relationship between SPAD reading and Biochemical Profile of Fresh Leaves of Selected Tea Cultivars [*Camellia sinensis* (L.) O. Kuntze]. Proceedings of *2nd International Research Symposium, Uva Wellassa University*, Page 11.

4.4 Theses/Dissertations

- Samarasinghe, K. G. B. A., Jayasinghe, H. A. S. L. and Alakolanga, A. G. A. W. (2018). Evaluation of the Relationship between SPAD reading and Biochemical Profile of Fresh Leaves of Selected Tea Cultivars [*Camellia sinensis* (L.) O. Kuntze]. Uva Wellassa University of Sri Lanka.

5. RECENT RESEARCH PROJECTS INVOLVED

- Evaluation of Morphological, Phytochemical, Physicochemical Properties and Molecular Characteristics of Commonly Available Species in Genus *Alpinia* and *Curcuma* of Zingiberaceae Family.

6. TEACHING CONTRIBUTION

- Overview to Tea Industry
- Tea Cultivation and Management
- Plantation Crop Production and Processing
- Other Plantation Crop Production
- Pest and Disease Management

7. WORK EXPERIENCE

- Lecturer (Probationary), Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka. (From 2nd November 2020 to Date).
- Temporary Demonstrator, Department of Plant Sciences, Faculty of Agriculture, Rajarata University of Sri Lanka. (From 3rd February 2020 to 31st August 2020)
- Temporary Research Assistant, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka. (From 27th August 2019 to 26th January 2020).
- Temporary Lecturer, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka. (From 27th August 2018 to 26th August 2019).
- Temporary Demonstrator, Department of Export Agriculture, Faculty of Animal Science and Export Agriculture, Uva Wellassa University of Sri Lanka. (From 2nd May 2018 to 26th August 2018).

8. OTHER POSITIONS HELD

- Organizing Committee Member, 12th Annual Research Symposium, Faculty of Agriculture, Rajarata University of Sri Lanka, 2020.

- Assistant Track Coordinator, Sustainable Crop Production Track in International Research Conference of Uva Wellassa University, 2019.
- Assistant Coordinator, Field Training Program on Tea Production, Uva Wellassa University, 2018.
- Organizing Committee member, “DESTINO 2018, Tea Day” Organized by Department of Export Agriculture, Uva Wellassa University, 2018.

9. RESOURCE PERSON

- Teaching Assistant, Certificate Course in Plant Tissue Culture, Centre for Open and Distance Learning (CODL) of Uva Wellassa University. (From 12th December 2019 to 12th January 2020).
- Coordinator and a facilitator of “The Flair” exhibition stalls related to Tea Sector, Uva Wellassa University, 2016.

10. TRAININGS AND WORKSHOPS ATTENDED

- Certificate Course on Plant Tissue Culture, Centre for Open and Distance Learning (CODL) of Uva Wellassa University- 2019.
- Two Days Workshop on Applications of Statistics using Excel and SPSS in Research, Organized by Uva Wellassa University in collaboration with Asian Institute of Medical, Science, Technology University (AIMST) Malaysia, 2019.
- One Day Workshop on Intellectual Property (IP) Assets and Commercializing of IP, Organized by University Business Linkage Cell, Uva Wellassa University, 2019.
- Internship at Watawala Plantations PLC from April to May 2017.
- Field Training Program on Tea Production at Balangoda Plantations PLC from October to November 2016.

11. SCIENTIFIC SOCIETIES MEMBERED

- Life Member, Field Ornithology Group of Sri Lanka, Department of Zoology and Environmental Sciences, University of Colombo (20200076-L).
- Associate Member, Sri Lanka Association for the Advancement of Science (SLAAS) (Membership No: 11220/B)
- Annual Member, Young Scientist Forum (YSF), National Science and Technology Commission (NASTEC) (Membership ID: YSF/AM/20/68)

12. PERSONAL INFORMATION

Surname : Samarasinghe
Name : Kaluajjale Gedara Bhagya Anuradhi
Gender : Female
Date of Birth : 06.06.1993
Marital Status : Single
Nationality : Sri Lankan