

MALEESHA WIMALARATHNE

Agricultural Technology and Management Graduate

Department of Soil Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka

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EDUCATION

BSc.(Honors) Agricultural Technology and Management **June 2021 – Nov 2025**

Department of Soil Science, Faculty of Agriculture, University of Peradeniya

First Class Honors

Overall GPA: 3.77 out of 4.00

G.C.E. Advanced Level Examination **Aug 2019**

Girls' High School, Kandy, Sri Lanka

Major: Biology - A | Physics - B | Chemistry - B

G.C.E. Ordinary Level Examination **Dec 2015**

Girls' High School, Kandy, Sri Lanka

Distinction passes (A) for all the subjects

Grade Five Scholarship Examination **Aug 2009**

Holy Trinity College, Pussellawa, Sri Lanka

Passed with 170 marks as the sole student from the school

RESEARCH

Impact of Glyphosate Residues and Metabolites on Soil Fertility of a Mid-Grown Tea Plantation, Sri Lanka **July 2025 – Nov 2025**

Undergraduate Research Project

Department of Soil Science, Faculty of Agriculture, University of Peradeniya

Supervisors: Prof. W.S. Dandeniya, Prof. R.S. Dharmakeerthi, Dr. Manju Gunawardana

- Analyzed the short term effect of history of glyphosate usage on selected soil fertility parameters
- Identified the short term decline of soil biological fertility followed by repeated glyphosate application
- Identified the non affected soil chemical and physical fertility parameters by repeated glyphosate application within two months

CONFERENCE PROCEEDINGS

S.H.G.D.M.M.Wimalarathne, W.S. Dandeniya, Saman Dharmakeerthi, Manju Gunawardana and Yethmi Amanda (2025), “**Short- Term Impact of Glyphosate on Soil Fertility of a Mid-Grown Tea Plantation in Sri Lanka**”, Green to Green International Conference (GtoG 2025) – BMICH, Colombo, Sri Lanka, 16 December 2025. [**Oral presenter**]

S.H.G.D.M.M.Wimalarathne, W.S. Dandeniya, Saman Dharmakeerthi and Manju Gunawardana (2025), “**Impact of Glyphosate Residues and Metabolites on Soil Fertility of a Mid-Grown Tea Plantation in Sri Lanka**”, Faculty of Agriculture Undergraduate Research Symposium (FAuRS 2025) – Faculty of Agriculture, University of Peradeniya, Sri Lanka, 07 November 2025. [**Poster presenter**]

S.H.G.D.M.M.Wimalarathne, the 6th International Conference on Food, Nutrition, Health and Lifestyle– TIIKM Conferences, 2024. [**Volunteer**]

HONOURS AND AWARDS

Second runners up - The poster presentation under the theme “Agricultural Production and Productivity Improvement” **Nov 2025**

Faculty of Agriculture Undergraduate Research Symposium (FAuRS 2025)

Faculty of Agriculture, University of Peradeniya, Sri Lanka

Second runners up - Graphical abstract titled “Impact of Glyphosate Residues and Metabolites on Soil Fertility” Nov 2025
Faculty of Agriculture Undergraduate Research Symposium (FAuRS 2025)
Faculty of Agriculture, University of Peradeniya, Sri Lanka

Awarded for Being a Poster Presenter at FAuRS (2025) Nov 2025

School Prize Winner 2011- 2016
Girls’ High School, Kandy, Sri Lanka
Awarded for general proficiency as the grade first

School Colors Winner for Volleyball 2011- 2016
Girls’ High School, Kandy, Sri Lanka
Awarded with half colors, super merit and merit

PROJECTS

Vision Expo Career Fair Nov 2025
International Students’ Forum, University of Peradeniya
Secretary of the Forum

Fusion X International Day May 2025
International Students’ Forum, University of Peradeniya
Secretary of the Forum

Climate Change Action Ambassador Project 2024- 2025
University of Peradeniya, HSBC and Janathakshan
Developed a plan to reduce urban heat island in Kandy

Vermicompost Project 2024- 2025
University of Peradeniya, IAAS Sri Lanka
Developed a plan to empower village community

Transforming Communities Through Sociological and Psychological Insights 2024
Vermicompost Project for Meegahamadiththa Village Women

- Demonstrated a women community to develop vermicompost as a sustainable income source
- Monitered and empowered the village community

WORK EXPERIENCE

Temporary Lecturer Dec 2025 – Present
Department of Soil Science, FoA, UoP, Sri Lanka

English Medium Science Tutor Dec 2019 – Present
Kandy, Sri Lanka

- Teaching Students for Ordinary Level Examination
- Motivating Students for Education

Volunteer 2024
TIIKM Conferences

ENGLISH PROFICIENCY

The medium of Instruction for the completed BSc degree was English

ASSOCIATIONS

Temporary Lecturer (2025 - Present)

Faculty of Agriculture, University of Peradeniya

Secretary (2024 - 2025)

International Students' Forum, University of Peradeniya

Coordinator (2025)

Soil Science Society, Faculty of Agriculture, University of Peradeniya

Batch Coordinator (2022- 2023)

Robarosiya Society, University of Peradeniya

School Senior Prefect (2016- 2017)

Girls' High School, Kandy, Sri Lanka

President (2015)

Second Language Society, Girls' High School, Kandy, Sri Lanka

School Junior Prefect (2012)

Girls' High School, Kandy, Sri Lanka

SOCIAL DEVELOPMENT ACTIVITIES

Engaged in the “Rali Bimen Sama Bimata” seminar series conducted in rural schools to enhance the educational performance of grade 11 students (2022-2025).

Engaged in the “Vermicompost Project” to empower village women (2024).

EXTRACURRICULAR ACTIVITIES

Champions at Inter faculty and Intra Faculty Volleyball tournaments (2021- 2025), Faculty of Agriculture, University of Peradeniya

Faculty meet: Volleyball, Tennis, champions, first runners up (2022-2025)

Freshers tournament: Elle champions, Tennis first runners up and Volley ball second runners up (2023)

Member of school Volleyball team- Participated all island, provincial and zonal meets, being awarded at school colors awarding ceremony (Half colors, Super merit and merit)

REFERENCES

Dr. Warshi S. Dandeniya, Former Professor

Department of Soil Science, Faculty of Agriculture,
University of Peradeniya, Sri Lanka.

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Prof. Saman Dharmakeerthi, Professor

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University of Peradeniya, Sri Lanka.

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Dr. Manju Gunawardana, Group CEO

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LOLC Holdings PLC, Sri Lanka.

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