

MALEESHA WIMALARATHNE

Agricultural Technology and Management Graduate

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

 +94 77 9321978  dmmwimalarathne2@gmail.com  Maleesha Wimalarathne

EDUCATION

BSc.(Honors) Agricultural Technology and Management Department of Soil Science, Faculty of Agriculture, University of Peradeniya First Class Honors Overall GPA: 3.77 out of 4.00	June 2021 – Nov 2025
G.C.E. Advanced Level Examination Girls' High School, Kandy, Sri Lanka Major: Biology - A Physics - B Chemistry - B	Aug 2019
G.C.E. Ordinary Level Examination Girls' High School, Kandy, Sri Lanka Distinction passes (A) for all the subjects	Dec 2015
Grade Five Scholarship Examination Holy Trinity College, Pussellawa, Sri Lanka Passed with 170 marks as the sole student from the school	Aug 2009

RESEARCH

Impact of Glyphosate Residues and Metabolites on Soil Fertility of a Mid-Grown Tea Plantation, Sri Lanka 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	July 2025 – Nov 2025
<ul style="list-style-type: none">Analyzed the short term effect of history of glyphosate usage on selected soil fertility parametersIdentified the short term decline of soil biological fertility followed by repeated glyphosate applicationIdentified 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	
<ul style="list-style-type: none"> • Demonstrated a women community to develop vermicompost as a sustainable income source • Monitored 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	
<ul style="list-style-type: none"> • 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.

📞 +94 77 338 9878 📩 warshisd@gmail.com

Prof. Saman Dharmakeerthi, Professor

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

📞 +94 77 264 0505 📩 dharmakeerthirs@agri.pdn.ac.lk

Dr. Manju Gunawardana, Group CEO

Research and Innovation, LOLC Holdings PLC, Sri Lanka.

📞 +94 71 366 6888 📩 manjuG@lolc.com