



Buddhika G. Pathirana

Profile

Lecturer (Probationary) in Plant Physiology , Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya

Education

Master in Plant Biology Conservation and Breeding

(Reading)

2022-Present

Post Graduate Institute of Agriculture, University of Peradeniya

Graduate (Bachelor of Science in Agricultural Technology & Management)

2020

Specialized in Genetic Improvement of plants, Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya

Overall GPA 3.8/4.0

G.C.E. A/L

2014

Maliyadeva Balika Vidyalaya, Kurunegala

Z – Score – 1.6225

Biology – B, Physics – B, Chemistry – B

Contacts

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Faculty of Agriculture
University of Peradeniya
Sri Lanka

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+94717015301

Email:

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buddhgpathirana17@gmail.com

Achievements, Awards and Scholarships

The Peradeniya University Gold Medal for Excellence in Scholastic and Extra-mural excellence

2020

University price for Academic Excellence

2020

Awarded for the performance in the final examination in agricultural technology & management

FAuRS

2020

Participated as an oral presenter at Undergraduate Research Sessions, Faculty of Agriculture, University of Peradeniya

Full Colour Awards

2017, 2018 & 2019

Awarded for the performance in the University Elle Team, Women

Faculty Awards

2019

Awarded for the outstanding performance in academic and extra-curricular work

University Scholarship

2016

Awarded for the best performance in the 1st examination

Non-related Referees

Prof. Deepthi Bandara
Senior Professor
Department of Agricultural
Biology,
Faculty of Agriculture,
University of Peradeniya
Sri Lanka

Phone:+94718248840
Email : deepthib@pdn.ac.lk

Prof. J.P. Eeswara
Senior Professor
Department of Crop Science,
Faculty of Agriculture,
University of Peradeniya
Sri Lanka

Phone: +94812395111
Email : jpe@pdn.ac.lk

University Scholarship **2016**

Awarded for the performance in First Examination in Agricultural Technology and Management

PUAAN Scholarship **2018**

Awarded for the best performance at the first exam, Faculty of Agriculture, University of Peradeniya at the 29th AGM of Alumni Association of the University of Peradeniya

Work and Experience

**Lecturer (Probationary), Department of Agricultural Biology,
University of Peradeniya** **2022 – Present**
Lecturer in Plant Physiology

Agricultural Biotechnology Centre, University of Peradeniya
22/07/2021 – 31/10/2021

Exposure as a Research Assistant in the project ; 'Assessment of agronomic traits and related gene expression of tomato grown under field, semi-controlled and controlled environmental conditions with low cost, low energy IoT solutions' funded by OWSD (UNESCO)

Plant Genetic Resource Centre **12/06/2019 – 05/07/2019**

Exposure on Genetic conservation of plants, plant exploration, characterization and *in-vitro* conservation techniques

Publications and Research Grants

University Research Grant (URG/2022/04/Ag) on 'Evaluating uptake, accumulation and potential effects of micro-plastics on growth and development of rice and tomato.

Pathirana P.B.G., Bandara D.C. and Herath H.M.I. (2020). The Effect of Carrot Extract, Banana Pulp and King-coconut water as media additives on *In-vitro* Growth of Vanda Orchids. *Proceedings of the national Symposium on Floriculture Research-2020*

Pathirana P.B.G., Bandara D.C., Bandaranayake P.C.G. and Herath H.M.I. (2020). The effect of media additives on *In-vitro* Growth and assessment of the genetic diversity of seed propagated planting materials of Vanda Orchids. *Proceedings of the faculty of agriculture undergraduate research symposium-2019*