

# NILAKSHA SEMINI DEWAPRIYA

No. 29, Napana, Manikhinna.  
(+94) 771443614 ◊ seminidevapriya@gmail.com

## EDUCATION

---

- Post Graduate Institute of Science, University of Peradeniya** *2022 - Present*  
MPhil(Reading). Molecular Biology and Biochemistry
- Faculty of Agriculture, University of Peradeniya** *2016 - 2021*  
GPA: 3.67/4.00  
B.Sc. Agricultural Technology and Management  
Majoring in Advanced Crop Production Technology
- ESoft Metro Campus, Kandy** *2015*  
Diploma in English  
Diploma in Information Technology with E-Commerce
- Kandy Girls' High School, Kandy** *2006 - 2015*  
G.C.E. Advanced Level in Biology (Biology, Chemistry, and Physics)  
Z-score: 1.6056
- G.C.E. Ordinary Level  
9 Distinctions (A)

## PUBLICATION & RESEARCH

---

- P.C.G. Bandaranayake., **I.N.S. Dewapriya.**, A.J.N.M. Jaliyagoda., P.B.G. Pathirana., N.M.N. Liyanage., M.M. Kodagoda., S.D. Lokuge., P.G.L. Tharuka Dilhani., A.U. Bandaranayake., W.A.P. Weerakkody., L.K. Weerasinghe., K.S.P. Amaratunga. (2022). Assessment of Agronomic Traits and Related Gene Expression of Tomato (*Solanum Lycopersicum*) Grown Under Field, Semi-controlled And Controlled Environmental Conditions Employed with Low Cost, Low Energy IoT Solutions. Peradeniya University Research Excellence Showcase (PURES) 2022.
- I.N.S. Dewapriya.**, H.A.I.T. Hettiarachchi, P.W.C.M. Wijethunga, H.M.P.C. Kumarihami and C.K. Beneragama. (2021). On the relationship between leaf growth and root growth in selected ornamental foliage plants under a light gradient Proceedings of National Symposium of Floriculture Research (NaSFloR), (Submitted)
- I.N.S. Dewapriya.**, W.A.P. Weerakkody., P.C.G. Bandaranayake. (2021). Changes in Tomato Morphology in Response to Intensity of Greenhouse Environment Control. Abstract presentation and publication at Young Scientists' Conference on Multidisciplinary Research (YSCMR) 2021: ISSN 2815-0260,30

## WORK EXPERIENCE

---

- Temporary Research Assistant** *2022 - Present*  
Agricultural Biotechnology Centre, University of Peradeniya.
- Temporary Lecturer** *2021 - 2022*  
Department of Crop Science, Faculty of Agriculture, University of Peradeniya, University of Peradeniya.
- Training under Horticultural Crop Research and Development Institute** *2020*  
Participated in the research project "Effect of different weed management practices on weed control efficiency, growth performance and yield of Capsicum in Mid Country Wet Zone of Sri Lanka" and engaged in data collection, data analysis and writing the report.

**Training on Application of Artificial Intelligence (AI) in Agriculture** 2021  
Organized by the career guidance unit at University of Peradeniya and CloudGen Technology (Pvt) Ltd in collaboration with IT center and Department of Statistics & Computer Science, University of Peradeniya.

## AWARDS AND HONORS

---

**Professor HPM Gunasena Gold Medal for Crop Science** 2021  
For maintaining a GPA above 3.3 at all examinations in the core program and the highest GPA above 3.7 in advanced courses in all modules conducted by the department of Crop Science, Faculty of Agriculture, University of Peradeniya.

**1st Place - Graphical Abstract Competition** 2021  
**1st Runner up - ResearToon Competition**  
**Selected as a presenter in poster presentation category**  
Faculty of Agriculture Undergraduate Research Symposium 2020, University of Peradeniya.

**“Champion Spotter Team” Trophy** 2019  
**“Champion Identifiers Team” Trophy**  
UniBioquest 2019, Represented the team University of Peradeniya and secured the overall championship.

**Special Award (5th place)** 2019  
Dish Gardening Competition organized by the Horticulture Society, Faculty of Agriculture, University of Peradeniya.

**Merit Distinction Award** 2011  
Australian National Chemistry Quiz, Royal Australian Chemical Institute.

**Participation** 2021  
Scientific Eye Photography Competition and Research Storybook Competition, Faculty of Agriculture Undergraduate Research Symposium 2020, University of Peradeniya.

**Participation** 2011  
One of the seven students selected from Central Province for the South Asian Conference on Sanitation (SACOSAN IV) organized by the Ministry of Water Supply and Drainage, Sri Lanka.

**Participation** 2018  
Course of instruction in First Aid and has passed the proficiency examination held by the St. John Ambulance Association, Sri Lanka.

**Participation** 2019  
“Orchid Gardening and Management Practices” workshops organized by the Horticulture Society, Faculty of Agriculture, University of Peradeniya.

**Participation** 2018  
“Dish Gardening” workshops organized by the Horticulture Society, Faculty of Agriculture, University of Peradeniya.

**Participation** 2017  
Residential training program on leadership and team development held at Mahailuppallama Sub Campus of University of Peradeniya.

## CERTIFICATION

---

**Human Resource Management and Leadership Specialization 4 Courses** - Macquarie University, Sydney, Australia, Coursera

**Courses in Business writing, Graphic Design, Successful Presentation** - University of Colorado, Coursera

**The Sustainable Development Goals: A global transdisciplinary vision for the future** - University of COPENHAGAN, Coursera  
**Positive Psychology** The University of North Carolina at Chapel Hill, Coursera

**Work Smarter, Not Harder: Time Management for Personal and Professional Productivity** - UCI Division of Continuing Education, Coursera

**Introduction to Typography** - California Institute of the Arts (CALARTS), Coursera

**Statistics with SAS** - SAS (Statistical Analysis System), Coursera

## TECHNICAL STRENGTHS

---

<b>Office</b>	Microsoft Office, Google Workspace
<b>Statistics</b>	MiniTab Statistical Analysis, SAS Statistical Analysis
<b>Graphics</b>	Adobe Illustrator, Adobe Photoshop

## EXTRA-CURRICULAR

---

<b>Member of Biology Guild</b> Faculty of Agriculture, University of Peradeniya.	<i>2017-2020</i>
---	------------------

<b>Member of Art Circle</b> Faculty of Agriculture, University of Peradeniya.	<i>2017-2020</i>
--	------------------

<b>Member of Perabeats</b> Media Society, University of Peradeniya.	<i>2018</i>
--	-------------

<b>Committee Member of Science Society</b> Kandy Girls' High School, Kandy.	<i>2012-2013</i>
--	------------------

<b>Member of Organizing Committee</b> Annual Science Day/Quiz Organized by Science Society, Kandy Girls' High School, Kandy.	<i>2013</i>
---	-------------

<b>Member of School Junior Committee</b> Kandy Girls' High School, Kandy.	<i>2008</i>
--	-------------

## PERSONAL TRAITS

---

Highly motivated and eager to learn new things.

Strong motivational and leadership skills.

Ability to work as an individual as well as in group.

## LANGUAGES

---

Sinhala: Native

English: Fluent

## REFEREES

---

**Prof. W.A.P. Weerakkody**

Senior Lecturer,  
Department of Crop Science,  
Faculty of Agriculture, University of Peradeniya.  
email: wapweerakkody@agri.pdn.ac.lk  
tel: (+94) 812395101 / (+94) 718172171

**Prof. P.C.G. Bandaranayake**

Director,  
Agricultural Biotechnology Centre,  
Faculty of Agriculture, University of Peradeniya.  
email: pradeepaag@agri.pdn.ac.lk  
tel: (+94) 718704166