

# Erandini Ambalampitiya

UNDERGRADUATE · BIOTECHNOLOGY RESEARCHER

[www.eambalampitiya.com](http://www.eambalampitiya.com) | [eambalampitiya](https://www.linkedin.com/in/eambalampitiya) | [@eambalampitiya](https://twitter.com/eambalampitiya) | [eambalampitiya](https://www.instagram.com/eambalampitiya)

## Summary

As an Agricultural Science (Honors) graduate from Uva Wellassa University, I have developed a robust foundation in plant biotechnology through my undergraduate research at the Tea Research Institute, where I completed six months of intensive training. My academic journey is further enriched by extensive involvement in social communities, including serving as the Charter President of the Leo Club of Uva Wellassa University and holding leadership positions such as Zonal Director in Leo District 306 C2 and District Assistant Treasurer. My expertise spans teamwork, decision-making, multitasking, and thriving under pressure. I am passionate about new projects and innovations, consistently seeking opportunities to apply my knowledge and skills in dynamic and impactful ways.

## Education

### Tea Research Institute of Sri Lanka

*Thalawakale, Sri Lanka*

UNDERGRADUATE RESEARCH AT PLANT BREEDING DIVISION

*Mar. 2024 - Jun. 2024*

- A research was conducted on "Exploration of Old Tea Genetic Resources in Sri Lanka, Morphological Molecular Characterization".
- Hands-on experiences were gained on molecular laboratory techniques.

### Uva Wellassa University of Sri Lanka

*Badulla, Sri Lanka*

BACHELOR OF SCIENCE HONOURS (BSC HONS.) IN TEA TECHNOLOGY AND VALUE ADDITION DEGREE PROGRAM

*Sep. 2021 - Sep. 2025 (Expected)*

- Cumulative **GPA: 3.76**
- Theoretical knowledge, conceptual & entrepreneurial skills with practical experience needed to function effectively in tea production, processing, value addition, marketing and to propose solutions to emerging problems through active involvement in research and development activities.

### The Open University of Sri Lanka

*Colombo, Sri Lanka*

BACHELOR OF MANAGEMENT STUDIES HONOURS DEGREE PROGRAM

*Apr. 2023 - Apr. 2027 (Expected)*

- The program provides a comprehensive understanding of management principles, including finance, marketing, human resources, and operations. Students are equipped with practical skills to address contemporary challenges in business organizations and contribute to economic development. The curriculum emphasizes real-world applications of management theories and strategies, preparing students to excel in various sectors and roles.

### Devi Balika Vidyalaya

*Colombo, Sri Lanka*

GCE - ADVANCED LEVEL EXAMINATION

*Aug. 2015 - Aug. 2018*

- Biological Science : Obtained 3C's

### Gothami Balika Vidyalaya

*Colombo, Sri Lanka*

GCE - ORDINARY LEVEL EXAMINATION

*Jan. 2008 - Jan. 2015*

- Obtained 9A's

## Online Certifications

### University of Toronto

*Coursera*

PLANT BIOINFORMATICS

*Nov. 2020*

- Gained proficiency in using Gene Ontology enrichment analysis and pathway visualization tools to interpret experimental data. This training enabled the identification and understanding of biological processes and pathways affected in specific mutants of interest. See *Certificate*

## Professional Certifications

### Uva Wellassa University

*Badulla, Sri Lanka*

TEA PROCESSING AND SENSORY EVALUATION

*2023*

- Successfully completed a series of lectures on Chinese tea processing and sensory evaluation, organized by the Department of Export Agriculture at Uva Wellassa University.

### Institute of Human Resource Advancement, University of Colombo

*Colombo, Sri Lanka*

CERTIFICATE COURSE IN ENGLISH LANGUAGE ADVANCEMENT

*2015*

- Completed the Certificate Course in English Language (CCEL), a comprehensive program aimed at enhancing English language proficiency. The course focused on developing reading, writing, speaking, and listening skills through interactive teaching methods and practical exercises. This training provided the confidence and competence needed for effective communication in academic, professional, and social settings.

## Sri Lankan Institute of Printing

Colombo, Sri Lanka

CERTIFICATE COURSE IN GRAPHIC DESIGNING

2018

- Completed a comprehensive course in graphic design, focusing on Adobe InDesign, Illustrator, and Photoshop. Gained skills in vector graphics creation, image manipulation, color theory, and color management, along with practical knowledge in using scanners for printing technology and performing color separations.

## Work Experience

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### Tea Research Institute of Sri Lanka

Thalawakale, Sri Lanka

RESEARCH INTERN

Jun. 2024 - Ongoing

- Research Topic: Exploration of Old Tea Genetic Resources in Sri Lanka, with a focus on morphological and molecular characterization.
- Conducted molecular biology research focused on the genetic and floral characterization of old tea genetic resources in Sri Lanka.
- Performed DNA extraction, PCR amplification, and gel electrophoresis for genetic analysis.
- Analyzed genetic diversity using molecular markers to identify unique tea varieties.
- Documented and interpreted research findings, contributing to the understanding of tea plant genetics.
- Collaborated with a team of researchers and participated in weekly lab meetings to discuss progress and challenges.

### Balangoda Plantations

Badulla, Sri Lanka

FIELD TRAINING PROGRAM

Mar. 2023 - Mar. 2023

- Successfully completed a one-month field training program at Balangoda Plantations, including visits to Ury Estate, Thelbadda Estate, Glain Alpheine Estate, and Wewassa Estate.
- Gained hands-on experience in tea factory processing, nursery management, land preparation, value addition, packaging, and tea tasting.

### Heartive Private Limited

Colombo, Sri Lanka

CO-FOUNDER & CHEIF DESIGNER

Feb. 2019 - Jun. 2022

- Engaged with clients to understand their needs, present design concepts, and incorporate feedback to refine and improve designs.
- Played a key role in shaping and maintaining the visual identity of the company and its clients, ensuring consistency across all digital touch-points.
- Developed and implemented design strategies that aligned with business goals, enhancing user experience and brand consistency across all web platforms.
- Led the creation of user-centered designs by understanding business requirements, user feedback, and usability findings.

### Colombo Children's Book Society

Colombo, Sri Lanka

PUBLISHED AUTHOR

2005 - 2012

- Authored and published five children's storybooks.

## Volunteer Experiences

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|------|---------------------------------------------------------------------------------------|---------------|
| 2024 | <b>District Assistant Treasurer</b> , Leo District 306 C2                             | SL & Maldives |
| 2023 | <b>Zonal Director</b> , Leo District 306 C2                                           | SL & Maldives |
| 2023 | <b>Youth Representative</b> , Sectoral Oversight Committees - Parliament of Sri Lanka | Sri Lanka     |
| 2023 | <b>Resource Panel Member</b> , ELA Club Of Uva Wellassa University                    | Sri Lanka     |
| 2022 | <b>Charter President</b> , Leo Club of Uva Wellassa University                        | Sri Lanka     |
| 2021 | <b>Committee Member</b> , Agro Club of Uva Wellassa University                        | Sri Lanka     |
| 2021 | <b>Editor</b> , Rotaract Club of Uva Wellassa University                              | Sri Lanka     |
| 2020 | <b>Partner Teacher</b> , Creative Connection                                          | USA           |
| 2017 | <b>Assistant Secretary</b> , Colombo Children's Book Society Colombo                  | Sri Lanka     |
| 2010 | <b>Sri Lankan Representative</b> , Environmental Online                               | Finland       |

# Honors & Awards

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## INTERNATIONAL

|      |                                                                                  |                          |
|------|----------------------------------------------------------------------------------|--------------------------|
| 2023 | <b>Most Outstanding Charter Club President</b> , Leo District 306 C2             | <i>SL &amp; Maldives</i> |
| 2023 | <b>Top 10 Club President</b> , Leo District 306 C2                               | <i>SL &amp; Maldives</i> |
| 2014 | <b>Bronze Award</b> , The Duke Of Edinburgh's International Award                | <i>UK</i>                |
| 2014 | <b>Gold Award</b> , ENO Cultural Tournament                                      | <i>Malaysia</i>          |
| 2013 | <b>2<sup>nd</sup> Place</b> , SAARC Youth Festival Art Competition               | <i>India</i>             |
| 2012 | <b>Gold Award</b> , 10th International KSHITIJ Art Competition                   | <i>India</i>             |
| 2012 | <b>The Best Child Artist</b> , Creative Connection International Art Competition | <i>USA</i>               |
| 2012 | <b>Gold Award</b> , Creative Connection International Art Competition            | <i>USA</i>               |
| 2011 | <b>Gold Award</b> , Creative Connection International Art Competition            | <i>USA</i>               |
| 2010 | <b>Gold Award</b> , Creative Connection International Art Competition            | <i>USA</i>               |
| 2009 | <b>Gold Award</b> , Creative Connection International Art Competition            | <i>USA</i>               |
| 2008 | <b>Merit Award</b> , A World United Through Art Competition                      | <i>Thailand</i>          |
| 2004 | <b>Gold Award</b> , ICAF International Art Competition                           | <i>Germany</i>           |

## DOMESTIC

|      |                                                                                                                 |                  |
|------|-----------------------------------------------------------------------------------------------------------------|------------------|
| 2024 | <b>Most Outstanding Zonal Director</b> , Leo District 306 C2                                                    | <i>Sri Lanka</i> |
| 2024 | <b>Top 30 Leos</b> , Leo District 306 C2                                                                        | <i>Sri Lanka</i> |
| 2024 | <b>1<sup>st</sup> Runner Up</b> , Badminton Inter Faculty Meets, Uva Wellassa University                        | <i>Sri Lanka</i> |
| 2014 | <b>3<sup>rd</sup> Place</b> , Sinhala Language Day Essay Competition, Ministry of Education (Colombo District)  | <i>Sri Lanka</i> |
| 2014 | <b>1<sup>st</sup> Place</b> , Sinhala Language Day Poetry Competition, Ministry of Education (Colombo District) | <i>Sri Lanka</i> |
| 2013 | <b>1<sup>st</sup> Place</b> , All-Island Essay Competition, Lakbima News Paper                                  | <i>Sri Lanka</i> |
| 2012 | <b>1<sup>st</sup> Place</b> , All-Island Essay Competition, Lakbima News Paper                                  | <i>Sri Lanka</i> |
| 2008 | <b>Runner Up</b> , National School Netball Tournament                                                           | <i>Sri Lanka</i> |
| 2007 | <b>2<sup>nd</sup> Place</b> , Sri Lanka National Gymnastics Tournament, (2 <sup>nd</sup> Level)                 | <i>Sri Lanka</i> |
| 2006 | <b>2<sup>nd</sup> Place</b> , Sri Lanka National Gymnastics Tournament, (1 <sup>st</sup> Level)                 | <i>Sri Lanka</i> |

## References

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### Dr. Muditha K. Meegahakumbura

SENIOR LECTURER (GRADE I)

DEPARTMENT OF EXPORT  
AGRICULTURE, UVA WELLASSA  
UNIVERSITY, BADULLA

SRI LANKA

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*PhD (UCAS-China); C.Biol (SL); DTM  
(USA)*

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### Dr. Niranjana W Gunasekara

SENIOR LECTURER

DEPARTMENT OF EXPORT  
AGRICULTURE, UVA WELLASSA  
UNIVERSITY, BADULLA

SRI LANKA

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