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# SUREKHA KORALEGAMA

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**LinkedIn:** <https://www.linkedin.com/in/surekha-koralegama/>

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## SUMMARY

Detail-oriented graduate in Agricultural Technology and Management, specialized in Genetic Improvement of Plants, with strong hands-on experience in plant breeding, tissue culture, seed physiology, and post-harvest management, supported by a solid academic and research foundation. Experienced in laboratory and field-based research, data analysis, and practical agricultural operations. Possesses strong communication, problem-solving, and analytical skills, with a proven ability to learn quickly and adapt to new challenges. Eager to contribute to a forward-thinking organization by supporting sustainable agro-solutions through research, development, and agribusiness.

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## WORK HISTORY

**Temporary Graduate Teaching Assistant** April 2025 - Present  
**Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya – Sri Lanka**

- Delivered hands-on practical sessions in plant biology and disease and pest management techniques
- Assisted in preparing and maintaining lab setups for seed physiology and plant breeding modules
- Supported undergraduate students in data collection, analysis, and technical presentations

**Volunteering - Research Assistant,** Jan 2023 – Feb 2023  
**University of Peradeniya – Sri Lanka**

- Collaborated with multidisciplinary teams to streamline research processes
- Improved research efficiency by 35% meticulously organizing data and files
- Organized and processed field and lab research data, contributing to efficient experiment workflows

**Store Associate,** Aug 2018 – Jan 2019  
**Alpine Clothing Pvt. Ltd - Kurunegala, Sri Lanka**

- Gained interpersonal and organizational skills through team collaboration
- Maintained accurate records of store transactions and inventory
- Assisted management with inventory control to reduce out-of-stock situations

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## EDUCATION

**Bachelor of Science: Agriculture Technology and Management,** Jan 2020 – April 2025  
**University of Peradeniya - Sri Lanka**

- Second class upper division (FGPA = 3.63)
- Major : Genetic Improvement of Plants
- Relevant Coursework: Genetics & Breeding, Applied Agribusiness, Development Economics, Crop Production Technologies, Soil Fertility & Plant Nutrition, Economic Botany, Post-Harvest Physiology

**G.C.E Advanced Level – 2018**

**Ibbagamuwa Central College – Kurunegala, Sri Lanka**

- Chemistry – A, Physics – B, Biology – B

**G.C.E Ordinary Level – 2014**

**Ibbagamuwa Central College – Kurunegala, Sri Lanka**

- 8A passes, 1B pass

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## SKILLS

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- Plant Breeding & Genetics
- Tissue Culture & Micropropagation
- Post-Harvest Technology & Preservation
- Crop & Soil Management Techniques
- DNA Extraction, PCR, Gel Electrophoresis
- Genetic & Molecular Analysis Software (Geneious Prime, MEGA, SnapGene, AntMap, Windows QTL Cartographer)
- Microsoft Office (Excel, PowerPoint, Word, Access)
- Statistical Data Analysis (Minitab, SPSS, SAS)
- Strong Verbal & Written Communication
- Teamwork & Collaboration
- Analytical & Problem-Solving Abilities
- Time Management
- Adaptability
- Research & Presentation Skills

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## PROFESSIONAL QUALIFICATIONS

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- Diploma in English Language** Jan 2019 – July 2019  
**British Way English Academy** – Sri Lanka
- Diploma in Computer Studies** Jan 2015 – Aug 2015  
**SENITA** – Sri Lanka

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## CERTIFICATIONS

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- ISO 9001: 2015 Lead Implementer Workshop** March 29, 2025  
**Halcyon (Pvt) Ltd** – Sri Lanka
- Webinar on Empowering Sustainability:  
The Role of Green Entrepreneurship in Driving Global Change** March 12, 2025  
**University of Ruhuna** – Sri Lanka
- Getting Started with Microsoft Exel** Feb 28, 2025  
**Coursera Project Network**

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## RESEARCH EXPERIENCE

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- Undergraduate Research** – Linking seed germination behaviour to the phylogeny of *Argyreia* species found in Sri Lanka
- University of Peradeniya, 2024**
- Analyzed dormancy traits using DNA-based techniques (DNA extraction, PCR, Sequencing)
  - Contributed insights on underutilized species for potential agronomic applications

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## ACHIEVEMENTS

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- 2025 – 1<sup>st</sup> Runner-up of poster presentation** under the theme “Agricultural Production and Productivity Improvement” award at FAuRS 2024/25, Research Symposium, Faculty of Agriculture, University of Peradeniya.
- 2025 - Submitted abstract** on “Linking seed germination behavior to the phylogeny of *Argyreia* species in Sri Lanka” at IPURSE- University of Peradeniya, 2025

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## LANGUAGES

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**Sinhala** - Native

**English** - Fluent

**Tamil** - Intermediate

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## REFERENCES

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Prof. S. A. C. N. Perera  
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