

UDANA JANITH

Department of Crop Science, Faculty of Agriculture, University of Peradeniya,

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PERSONAL PROFILE:

- I am a dedicated, hardworking, and talented graduate with a strong background in agriculture related disciplines, especially in the fields of crop science.
- I have strong leadership, decision-making skills, the ability to adapt to challenging working environments, excellent teamwork and communication skills.
- I have a great passion to pursue graduate studies in a foreign university where I can collaborate with professionals dealing with agriculture-related global issues, as it could help me to obtain advanced knowledge, skills, and experience to become a leading research scientist who can contribute to the world to achieve sustainable development goals

EDUCATION:

- **BSc in Agricultural Technology and Management, Faculty of Agriculture, University of Peradeniya, Sri Lanka (2020-2025)**
 - **Final Grade Point Average (FGPA):** 3.77 (in a 0 - 4.0 scale)
 - **Remark:** First Class
 - **Major:** Advanced Crop Production Technology
 - **Medium:** English

RESEARCH EXPERIENCE:

- **Guide: Dr. H.M.P.C. Kumarihami, Department of Crop Science, Faculty of Agriculture, University of Peradeniya (2025)**

Undergraduate research project: *“Effectiveness of chitosan coating to preserve the postharvest quality and prolong the shelf life of guava fruit (Psidium guajava L.)”*

- Conducted a laboratory experiment.
- Learned to operate laboratory equipment independently for postharvest quality testing of fresh produces.
- Tabulated data and analyzed them using the “ANOVA” procedure, followed by mean separation using LSD and Duncan’s new multiple range test in SAS software.
- Prepared abstracts, and presentations to communicate the research findings.

- **Guide: Prof. Chalinda Beneragama and Prof. Lalith Suriyagoda, Department of Crop Science, Faculty of Agriculture, University of Peradeniya (2024)**

Research project: *Impact of Nitrogen Sources on Maintaining Chlorophyll Content of Mung Bean Leaves under Salinity*

- Obtained hands on experience of conducting a greenhouse pot experiment.

- **Guide: Dr.Wikum Jayasinghe, Department of Agricultural Biology, Faculty of Agriculture, University of Peradeniya (2024)**

Research project: *Survey on Honey bee (Aphis cerana) parasites in selected locations in Sri Lanka.*

- Collected mite samples from bee hives in different locations in Sri Lanka and their phenotypic variations was identified.

- **Guide: Prof. Janaki Mohotti, Department of Crop Science, Faculty of Agriculture, University of Peradeniya (2022)**

Research Project: *Nitrogen use efficiency in organic and conventional tea systems*

- Contributed in field work by collecting soil and plant samples from tea lands in Bandarawela area, Sri Lanka

PROFESSIONAL EXPERIENCE:

Temporary Lecturer, Department of Crop Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka (May 2nd, 2025 – to date)

SCIENTIFIC COMMUNICATION:

Conference Proceedings (Abstracts)

- Perera M,D.A.M., Athauda A.R.S.A., **Janith B.G.U.**, Rusarani T.M.R., Benaragama C.K. and Suriyagoda L.D.B. Impact of Nitrogen Sources on Maintaining Chlorophyll Content of Mung Bean Leaves under Salinity. Proceedings of the 4th International Symposium on Agriculture, Faculty of Agriculture, Eastern University of Sri Lanka, 2025, 71. (ISBN: 978-624-5731-51-0)
- Makuloluwa M.W.L.B., **Janith B.G.U.**, Rusarani T.M.R., Perera M.D.A.M., Athauda A.R.S.A., and Beneragama C.K. Do Tea Plants Physiologically Benefit from the Shade Cast by Shade Trees? A Case study from the Mid-Country Wet Zone in Sri Lanka. Proceedings of International Youth Conclave, 2025,18. (ISBN: 978-93-342-4774-9)
- Rusarani T.M.R.,**Janith B.G.U.**, Athauda A.R.S.A., Perera M.D.A.M., Suriyagoda L.D.B., and Beneragama C.K. Poultry Manure as a Source of Nitrogen to Enhance the Salinity Tolerance of *Vigna radiata* L. Proceedings of International Youth Conclave, 2025,14. (ISBN: 978-93-342-4774-9)
- Jayasooriya L.S.H., Athauda A.R.S.A., Perera M.D.A.M., Rusarani T.M.R., **Janith B.G.U.**, and Beneragama C.K. Cholorophyll Fluorescence and Circadian Variability in *Dracaena sanderiana*, Insights into Stress Responses and CAM Adaptation. Proceedings of International Youth Conclave, 2025,13. (ISBN: 978-93-342-4774-9)
- Madushanka D.G.H., Perera M.D.A.M., Athauda A.R.S.A., **Janith B.G.U.**, Rusarani T.M.R., and Beneragama C.K. Influence of Water Quality on Seed Imbibition Dynamics and Physiological Responses of Maize (*Zea mays* L.), and Okra (*Abelmoschus esculentus* L.). Proceedings of International Youth Conclave, 2025,15. (ISBN: 978-93-342-4774-9)

VOLUNTEERING:

Research study titled “*Development of a prediction model for glycemic index and bioactive compounds in commonly consumed bananas in Sri Lanka at various ripening stages using non-destructive methods*” (2025)

- Voluntarily participated in collecting samples

“Ralibimen Smamabimata” educational program (2023/2024)

- Participated in volunteer to educate and support resource poor students in rural areas in Sri Lanka

“Scientia - all-island inter-school quiz competition” (2023)

- Member of the coordinator board of quiz competition organized by Faculty of Agriculture, University of Peradeniya

Official YouTube channel of Faculty of Agriculture, University of Peradeniya, Sri Lanka (2022)

- Contributed as a video editor and created educational videos for advanced level students in Sri Lanka

“Seeds of Hope” project, organized by *Emerging Hope Lanka* with the collaboration of the Horticultural Society, Faculty of Agriculture, University of Peradeniya (2022)

- Voluntarily participated in to promote home gardening among the women in local communities

“Vihangasara” talent show (2021/ 2022)

- Contributed by video editing, and post designing

StaRR Project (2021)

- Voluntarily participated in a survey conducted for tea smallholders in Ratnapura area, Sri Lanka

ADDITIONAL QUALIFICATIONS:

University of Illinois (2020)

- Completed the certificate course on “*Sustainable Food Production Through Livestock Health Management*”

Biodynamic Association of Sri Lanka (2024)

- Participated in the training program on “*Biodynamic Agriculture*”

Nenasala Computer Training Institute (2019)

- Completed the certificate course on “*Computer Graphics Designing*”

HONOURS & ACHIEVEMENTS:

The University Prize for Academic Excellence (2025)

- On the basis of my final year examination in B. Sc. Honors in Agricultural Technology and Management Degree

Y.D.A. Senanayake Gold Medal for Crop Science (2025)

Faculty of Agriculture Undergraduate Research Symposium (FAuRS), University of Peradeniya (2025)

- Awarded 3rd Place in the Research Video Contest

University Bioquest (2023/2022)

- World Championship Winner (Team Member, University of Peradeniya)

University Bioquest (2023)

- 3rd Place - Top Spotter
- 3rd Place - Top Identifier

"Breathing Thoughts" Digital Poster Competition, Robarosiya Society, University of Peradeniya (2021)

- Won the best digital poster award

SciChallenge Quiz Competition, Faculty of Science, University of Peradeniya (2017)

- 1st Place (Team Member, Sivali Central College, Ratnapura)

National Social Science Competition, Ministry of Education, Sri Lanka (2015)

- Island 2nd Place

LEADERSHIP EXPERIENCE:

“Practical Workshop on Tissue Culture” for school students, Organized by Department of Crop Science, Faculty of Agriculture, University of Peradeniya (2025)

- Organized and conducted the practical session

“Practical Workshop on Bee Keeping”, Organized by Bee PERA society, University of Peradeniya (2024)

- Member of the event organization committee

“World Bee Day Celebration Ceremony”, Organized by Faculty of Agriculture, University of Peradeniya (2023)

- Member of the event organization committee

“Perabeats-Captures” photography training project, University of Peradeniya (2023)

- Contributed as an event planner

TRAINING PROGRAMMES:

“Induction Training Program” conducted for the Temporary Academic Staff Members: Organized by Teaching Methodology Unit, Faculty of Agriculture, University of Peradeniya (2025)

- Improved skills on teaching methods, organizing practical sessions, and problem identification.

Workshop on “Drones for Agriculture”: Organized by Soil science society, Faculty of Agriculture, University of Peradeniya (2024)

- Developed hands-on skills in drone utilization

Workshop on Use of ICT in Land Resource Management: Organized by Soil science society, Faculty of Agriculture, University of Peradeniya (2023)

- Gathered hands on experience on GPS, GIS, and remote sensing technology

Laboratory experience (2021)

- Followed the course on basic laboratory skills, Faculty of Agriculture, University of Peradeniya

Leadership program (2020)

- Completed a leadership program; a residential training program on teamwork, leadership, and citizenship development offered by University of Peradeniya

PROFESSIONAL AFFILIATIONS:

Sri Lanka Institute of Agriculture

- Student Member (StSLIAG/ 079)

EXTRA CURRICULAR ACTIVITIES:

- Crew member of Perabeats (2021-2022)
- Editor – Biology Guild (2023)
- Junior Editor – Agriculture Faculty English Literary Association (AFELA) (2022)
- Head of Designing - Green Hearts Society (2022-2023)
- Committee member – Bee PERA Society (2024)
- Member – Pera Tennis

SKILLS:

- Skills Languages: English and Sinhala (Native)
- Technical: MS Office, SAS, Minitab, Adobe Photoshop
- Soft: Teamwork, Scientific Writing, Professionalism, Time Management, Confidence, Hard worker
- Hobbies: Travelling, Photography

NON-RELATED REFEREES:

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I hereby certify that the above-mentioned details are true to the best of my knowledge.

A handwritten signature in black ink, appearing to read 'Udana Janith', is written over a light gray rectangular background.

Udana Janith