

# Uvin Jayalath

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## PERSONAL STATEMENT

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Eager to embark on a career as a scientific researcher in Animal Science, I am a self-motivated graduate with a robust background in the field. With strong problem-solving skills and a logical mindset, I bring reliability, trustworthiness, and a genuine passion for personal development. My diverse research experiences, encompassing fieldwork and laboratory techniques, have honed my practical skills and knowledge. As a dedicated team player with an unwavering enthusiasm for learning, I am well-prepared to contribute significantly to the advancement of Animal Science through postgraduate studies.

## ACADEMIC QUALIFICATIONS

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**Master of Molecular and Applied Microbiology**, Postgraduate Institute of Agriculture,  
University of Peradeniya, Sri Lanka (Reading)

**Medium:** English

**Bachelor of Science (Honors) in Animal Science and Fisheries**, Faculty of Agriculture,  
University of Peradeniya, Sri Lanka (2019 – 2024)

**Medium:** English

**English Language Proficiency : IELTS (2024 December) - Overall 6.5**  
[ 7.5 (L) , 7.0 (R), 6.0 (W), 6.0 (S) ]

## PROFESSIONAL EXPERIENCE

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- **Temporary Lecturer** at the Department of Agricultural Extension, Faculty of Agriculture, University of Peradeniya ( April 2024 - Present )
- Gained experience in teaching, conducting practicals, conducting field visits for undergraduates, and conducting farmer trainings.
- **Trainee** at Livestock Field Station, Department of Animal Science, Faculty of Agriculture, University of Peradeniya (December 2023 – January 2024)
- Gained hands-on experience in Farm animal feeding, Vaccination, Manual and Machine milking, Animal welfare practices, and Farm Management.
- **Biotechnology Technician ( Contract based )** at the Lahiru Group of Companies (Pvt) LTD, Kandy, Sri Lanka. (August 2021 – February 2022)
- Gained hands-on experience in Tissue culture and Cell culture

## RESEARCH EXPERIENCE

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- **“Development and Characterization of Gelatin-Starch Bioplastics: A Comparative Study of Cassava, Corn, and Rice-Based Alternatives” (First Author)** (Jayalath, U. T., Samarasinghe, A. S., & Samaraweera, H. (2024). Development and Characterization of Gelatin-Starch Bioplastics: A Comparative Study of Cassava, Corn, and Rice-Based Alternatives <https://doi.org/10.1016/j.scenv.2024.100190> )
- **“Evaluation of Antioxidative Properties and Antimicrobial Activity of Chicken Sausage Incorporated with Drumstick (Moringa oleifera) Stem Bark Powder” (Second Author)** (Ongoing Manuscript Preparation)
- **“A review on Agriculture in Sri Lanka: The Current Snapshot”.** (Ongoing)

## INTERNATIONAL SCIENTIFIC CONFERENCES

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- Participated in the **7th International Conference on Climate Change 2023 (ICCC 2023)** as a University Representative (February 2023)
- Volunteered for the **10th International Conference on Fisheries and Aquaculture (ICFA 2023)** (October 2023)
- Volunteered for **Peradeniya University International Research Sessions 2023 (iPURSE 2023)**. (September 2023)
- Participated in the **2nd World Conference on Scholarly Publishing (WCSP 2023)** (May 2023)
- Participated in the **10th International Conference on Agriculture 2023 (AGRICO 2023)** (September 2023)

## INTERNATIONAL AND LOCAL AWARDS

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### **Faculty of Agriculture Undergraduate Research Symposium (FAuRS)**

- Won a **Merit Award** from the Department of Animal Science in FAuRS 2023 (2024 March)

### **7th International Conference on Climate Change 2023 (ICCC 2023)**

- **Best Social Media Influencer Award** in ICCC 2023 (2023 February)

### **The University BioQuest**

- Won the **Best Find Spotter Award** from Global University Bioquest 2020 (2020 August)
- Won the Championship (**Champion Identifiers and Champion Spotters Team Member**) of Global University Bioquest 2020 (As a University Team Member) (2020 August)
- Won the Championship (**Champion Spotters Team Member**) of Global University Bioquest 2021 (As a University Team Member) (2021 April)

## COMPETENCIES

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- Worked extensive hours in the field for sampling, data collection, and laboratory skills.
- Use of academic search engines (Google Scholar Pub Med for search scientific Literature)
- Knowledge of statistical software for data analysis – MINI TAB and SPSS
- Basic knowledge of GIS and R Statistical Software
- Knowledge of Adobe Photoshop
- Part time Professional Photographer & Videographer
- Professional UAV Pilot (Drone Photography and Videography)
- Followed the B.Sc.degree in English medium

## TRAINING AND SHORT COURSES

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- Completed a short course on “**Ecology: Ecosystem Dynamics and Conservation**” offered by the American Museum of Natural History (August 2024)
- Completed a short course on “**Water Resources Management and Policy**” offered by the University of Geneva (September 2024)
- Completed a short course on “**Sustainable Food Production Through Livestock Health Management**” offered by the University of Illinois at Urbana-Champaign (January 2024)
- Completed a short course on “**Dairy Production and Management**” offered by The Pennsylvania State University (January 2024)
- **In plant trainee** at Livestock Field Station, Department of Animal Science, Faculty of Agriculture, University of Peradeniya (December 2023 – January 2024)

## EXTRA-CURRICULAR ACTIVITIES

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- **Director of Education, Literacy & Skill Development** at Leo Club of the University of Peradeniya (2022 - 2023)
- **Editor** of the International Students Forum in the Faculty of Agriculture, University of Peradeniya (2023 to 2024)
- **Senior Coordinator** at Sentiero - Media Unit of Faculty of Agriculture, University of Peradeniya (2022-2023)
- **Student Advisor** at Sentiero - Media Unit of Faculty of Agriculture, University of Peradeniya (2023-2024)
- **Editor** of the Society of Animal Science in the Department of Animal Science, Faculty of Agriculture, University of Peradeniya (2022 - 2023)
- **Editor** of the Society for Aquatic Resources Conservation in the Department of Animal Science, Faculty of Agriculture, University of Peradeniya (2022 - 2023)
- **Senior Coordinator** at perabeats Media Club, University of Peradeniya (2021-2022)
- **Web Master** at perabeats Media Club, University of Peradeniya (2022-2023)
- **Member** of British Equine Veterinary Association (BEVA) ( Present )
- Matching & IR IGV Team Member at AIESEC in Kandy (2021 - 2022)
- **Member** and **Project head** at Rotaract Club of the University of Peradeniya (2020-2023)
- Played for the University Cricket Team, University of Peradeniya (2020-2022)

## NON-RELATED REFEREES

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**1. Professor B.C. Jayawardana,**

Dean,

Faculty of Agriculture, 20400,

University of Peradeniya,

Sri Lanka

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**2. Professor J.K. Vidanarachchi,**

Department of Animal Science,

Faculty of Agriculture, 20400,

University of Peradeniya,

Sri Lanka

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**3. Professor S.M.C. Himali,**

Department of Animal Science,

Faculty of Agriculture, 20400,

University of Peradeniya,

Sri Lanka

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Tel: +94 71 0666607

I hereby declare that all the details I have furnished are true and correct to the best of my knowledge.



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Uvin Thavisha Samanjana Jayalath

24th of March 2025