

CONTACT

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- E 89, Nikapitiya, Ussapitiya

PERSONAL DETAILS

FULL NAME

- Geegana Gamage Samadhi
Nadinya Nikapitiya

NIC NO

- 998301122V

DATE OF BIRTH

- 25/11/1999

CIVIL STATUS

- Unmarried

LANGUAGES

- English - Fluent
- Sinhala - Native
- Tamil - Elementary
- Spanish - A1 CEFR

ADDITIONAL SKILLS

- Teamwork
- Critical thinking
- Presentation skills
- Basic Statistics (SPSS, Minitab,SAS)
- HTML & Python (Basic Proficiency)
- Microsoft Office | ICT Literacy
- G Suite
- AI Tools Proficiency
- Graphic Design | Canva
- Content writing
- Academic & Scientific Writing
- Animal husbandry and welfare
- Feed formulation basics

SAMADHI NIKAPITIYA

B.Sc. (Hons) AgTech & Mgt

PROFILE

Fresh BSc (Hons) graduate in Agricultural Technology and Management, specialized in Animal Science. Brings hands-on experience in microbiology, molecular diagnostics, and academic research. Skilled in laboratory techniques, scientific writing, and data analysis. A passionate learner and team player, eager to contribute to innovative and impactful research in animal health and food safety.

EDUCATION

- BSc in Agricultural Technology and Management**
Majoring module : Animal Science (2020-2025)
GPA: 3.2 / 4.0 (2nd Class lower division)
Faculty of Agriculture
University of Peradeniya
Sri Lanka
- Devi Balika Vidyalaya, Colombo 08**
GCE Advanced Level – 2018
Stream: Biological Science
 - Biology – B
 - Chemistry – B
 - Physics – C (Index No: 1094700)
- Janadhipathi Balika Vidyalaya, Nawala, Rajagiriya**
GCE Ordinary Level – 2015
 - 9A'S (Index No: 50270460)

WORK EXPERIENCE

- INTERN - SUPER FEED PVT LTD, MAWANELLA | Jan 2023**
 - Feed analysis laboratory
 - In-plant training program (1 month)

RESEARCH EXPERIENCE

- Final Year Undergraduate Research Project : Isolation and Molecular Characterization of Methicillin-resistant *Staphylococcus aureus* (MRSA) in Service Dogs in Sri Lanka.
- Co-author: Antibiotic Resistance Profile and Prevalence of Resistance-Related Genes in *Escherichia coli* Isolated from Omphalitic Broiler Chicks.

LABORATORY SKILLS

- **Molecular diagnosis – laboratory techniques**
 - DNA and RNA extraction from bacteria (manual methods and kit-based methods)
 - PCR—conventional PCR, multiplex PCR, colony PCR
 - Agarose Gel Electrophoresis
 - PCR product purification
 - DNA sequencing and analysis
- **Molecular biology applications**
 - Pathogen detection and identification
- **Molecular Laboratory Equipment Proficiency**
 - Thermo cyclers (conventional PCR machine)
 - Spectrophotometer
 - Electrophoresis tanks and gel documentation systems
 - Microcentrifuges
- **General Microbiological Techniques**
 - Aseptic technique and contamination control
 - Culture of microorganisms (aerobic, anaerobic and facultative)
 - Media Preparation
 - Isolation and enumeration of microorganisms (streak plate, spread plate, pour plate techniques)
 - Bacterial staining techniques
 - Microscopy
- **Microbiological testing**
 - ABST
 - Identification of microorganisms- biochemical tests , morphological analysis
 - Pathogen detection and characterization
- **Food technology & Microbiology**
 - Water and food sample testing for microbiological contamination
 - Indicator organism detection
 - Enumeration of specific microbial groups
 - Proximate analysis of food - crude protein (Kjeldahl method), crude fat (Soxhlet method), ash, carbohydrate, moisture content
- **Molecular Applications in Microbiology**
 - DNA/RNA extraction from microbiological samples
 - PCR, colony PCR
- **Laboratory Equipment Proficiency**
 - Incubators and anaerobic chambers
 - Autoclave and sterilization equipment
 - Biosafety cabinets

COURSES AND CERTIFICATES

- **Pearson Edexcel IGCSE O/L – ICT (JUNE 2014)**
(Grade C)
Pearson education limited, UK
- **Visharad in Violin and Vocal - First Division (2011- 2015)**
Bhatkhande Sangit Vidyapith, Lucknow, India
- **Residential training programme on team work, leadership and citizenship development - 2020**
Mahailuppallama subcampus, University of Peradeniya
- **Peer supporter training programme - 2022**
Active listening, mental health awareness, teamwork training
Robarosiya Society, University of peradeniya
- **Discover best farming practice for sustainable 2050-2021**
Non-credit online course, University of Western Australia
- **Programming for everybody (Python)-2021**
Non-credit online course, University of Michigan
- **Sri Lankan Junior Astronomy Olympiad - 2011**
Merit Award
Institute of Physics, Sri Lanka

EXTRA CURRICULAR ACTIVITIES

- **Social media director (Linkedin) of Vibhawa literature society**
University of Peradeniya
- **Social media Manager (Instagram) for project Unicorn**
Small business Promoting campaign
Department of extension, Faculty of agriculture, University of Peradeniya
- **Member of Zero plastics Pera (environmental initiative)**
University of Peradeniya
- **Member of Plantation society**
Faculty of Agriculture, University of Peradeniya
- **University Christmas carol 2023**
Soprano singer
University chapel, University of peradeniya

VOLUNTEERING

- **Peer Support Volunteer – Robarosiya Society**
Helped fellow students by offering friendly support, listening, and encouraging mental well-being.
- **Volunteer – Pera Paws (Stray Dog Welfare NGO)**
Took part in caring for stray dogs through feeding, rescue work, and awareness activities.

REFERENCE

Prof. S.P. Kodithuwakku

Professor
Department of Animal Science
Faculty of Agriculture
University of Peradeniya, Sri Lanka
Email : surangap@agri.pdn.ac.lk

Dr. K.S.A. Kottawatta

Head of the Department
Department of Veterinary Public
Health & Pharmacology
Faculty of Veterinary Medicine &
Animal Science
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Email : sanda@vet.pdn.ac.lk

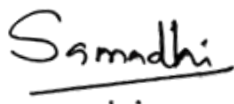
Dr. Thusitha K. Karunarathna

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Dr. W.M. Wishwajith W. Kandegama

Senior Lecturer
Department of Horticulture and
Landscape Gardening
Faculty of Agriculture & Plantation
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Wayamba University of Sri Lanka, Sri
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I hereby state that the above mentioned information are accurate and true up to the extent of my knowledge


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