



Nadeera Disanayaka

Work : Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Kandy, Sri Lanka

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Gender: Female **Date of birth:** 11/08/1992 **Nationality:** Sri Lankan

ABOUT ME

A good team player working hard to reach the success of the work with creative application of the theoretical knowledge in to research activities

EDUCATION AND TRAINING

[27/07/2019 – 26/08/2022]

M.Sc. in Animal Science

Postgraduate Institute of Agriculture, University of Peradeniya

Address: Sri Lanka

Thesis: Dietary supplementation of Spirulina platensis improve the growth performances and meat quality of broilers

Followed Endocrinology of Farm Animals (A), Mono-gastric Nutrition (A), Proposal Formulation and Scientific Writing (A), Quantitative and Molecular Genetics of Farm Animals (A), Ruminant Nutrition (A-), Animal Experimentation (A), Livestock Breeding (A), Non-ruminant Animal Production (A), Ruminant Animal Production (A) and Selection Index & Mixed Model Methodology (A), Directed Study (A+)

[26/11/2014 – 12/02/2019]

B.Sc Agricultural Technology and Management

Faculty of Agriculture, University of Peradeniya

Address: Sri Lanka

Field(s) of study: Majoring module: Animal Science and Technology

Final grade: FGPA:3.74/4.00 (First Class Honours)

Thesis: Antifungal property of Lactobacillus fermentum isolated from Sri Lankan homemade curd against Candida species: Candida albicans, Candida glabrata, Candida krusei, Candida parapsilosis and Candida tropicalis

[2018]

Successfully completed the four day programme on Molecular Biology Basics

Agricultural Biotechnology Center, Faculty of Agriculture, University of Peradeniya

Address: Sri Lanka

[2018]

Participated for the one-day seminar on Organic and Biodynamic Farming conducted by Dr. Richard Thorton Smith

[2017]

Successfully completed the one-day workshop on GIS for sustainable land use planning

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

Address: Sri Lanka

[2017] **Certificate Course in Human Resource Management**

Institute of Personal Management

Address: Sri Lanka

HONOURS AND AWARDS

[2018] **A.S.B. Rajaguru memorial gold medal for Animal Science Awarding**

institution: Faculty of Agriculture, University of Peradeniya, Sri Lanka

This was awarded for the best performance in Animal Science among the students in Animal Science and technology majoring group in 2013/2014 batch.

[2018]

University prize for the academic excellence at the final examination in Agricultural Technology and Management

Awarding institution: University of Peradeniya, Sri Lanka

This prize was awarded for the students who earned a First class in 2013/2014 batch of Faculty of Agriculture.

[2018]

Saga University Scholarship for International Student Exchange Programme and Undergraduate Symposium on "Sustainable Production and Consumption"

Awarding institution: Saga University, Japan

WORK EXPERIENCE

[15/03/2021 – Current]

Lecturer (probationary)

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

Country: Sri Lanka

Conducting theory and practical classes related to the courses, Animal Waste Management, Animal Environmental Physiology and Digestive Physiology of Farm Animals for the undergraduate students. Further, working as an examiner and conducting laboratory and field experiments.

[01/12/2020 – 03/03/2021]

Temporary Demonstrator

Department of Livestock Production, Faculty of Agricultural Sciences, Sabaragamuwa University

Country: Sri Lanka

Demonstrate use of practical equipment, experiments, exercises, techniques which is required for the undergraduate students.

[05/03/2019 – 31/07/2020]

Temporary Assistant Lecturer

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

Country: Sri Lanka

Conducting practical sessions and discussion classes with related to disciplines of Animal Science in undergraduate programmes of the students.

[09/04/2019 – 31/08/2019]

Part-time Academic Sub-warden

Wijewardene hall, University of Peradeniya

Country: Sri Lanka

Assisting senior academic subwarden, subwarden and warden in the administration activities of the hostel.

[13/02/2018 – 22/03/2018]

Trainee Lab Analyst

MILCO (PVT) Ltd, Spray Dried Milk Factory, Ambewela

Country: Sri Lanka

Evaluation of the laboratory samples of raw milk, milk powder, butter and ghee with respect to their composition and keeping quality.

LANGUAGE SKILLS

Mother tongue(s): Sinhala

Other language(s): English: IELTS overall band of 6.5, no band less than 6.5

PUBLICATIONS

Journal publications

A. M. M. U. Adikari, Hasitha Priyashantha, **J. N. K. Disanayaka**, D. V. Jayatileka, S. P. Kodithuwakku, J. A. M. S. Jayatilake, J. K. Vidanarachchi. (2021). Isolation, identification and characterization of *Lactobacillus* species diversity from *Meekiri*: the traditional fermented buffalo milk gels in Sri Lanka. Heliyon. <https://doi.org/10.1016/j.heliyon.2021.e08136>

Abstract publications

L.M.J.N.K. Disanayaka, M.B.P. Kumara Mahipala, N. Apeksha Uthpali, S.D. Senanayaka, R.G.S.C. Rajapakse, H.R.N. Jinadasa, W.M.P.B. Weerasinghe (2022). Isolation and characterization of lactic acid bacteria (LAB) from forage silage to be used as an inoculant for ensiling forage. The 4th International Conference of Agricultural Sciences. Sabaragamuwa University of Sri Lanka

Uthpali N.A., **Disanayaka L.M.J.N.K.**, Senanayaka S.D., Rajapakshe R.G.S.C., Jinadasa H.R.N., Weerasinghe W.M.P.B. and Kumara Mahipala M.B.P. (2020). Isolation of lactic acid bacteria (LAB) inoculum for ensiling forage. Poster presented at the Final Year undergraduate Research Symposium (FAuRS-2020), Faculty of Agriculture, University of Peradeniya, Sri Lanka

Sewwandi W.A.N.W., Deshapriya R.M.C. and **Disanayaka L.M.J.N.K.** (2020). Development of a paneer using natural coagulants with enhanced organoleptic properties. Proceedings. Final Year undergraduate Research Symposium (FAuRS-2020), Faculty of Agriculture, University of Peradeniya, Sri Lanka

Disanayaka L.M.J.N.K., Vidanarachchi, J.K. Jayathilake J.A.M.S, Kodithuwakku, S.P and Prasanna P.H.P. (2018). Antifungal property of *Lactobacillus fermentum* isolated from Sri Lankan homemade curd against *Candida* species: *Candida albicans*, *Candida glabrata*, *Candida krusei*, *Candida parapsilosis* and *Candida tropicalis*. Paper presented at the Final Year undergraduate Research Symposium (FAuRS-2018), Faculty of Agriculture, University of Peradeniya, Sri Lanka

Navaratne N.W.M.G.S. and **Disanayaka L.M.J.N.K.** (2018). Sustainable production and consumption: with regard to Kandyan Homegardens. Paper presented at the International Undergraduate Research Symposium 2018, Faculty of Economics, Saga University, Japan

INTERPERSONAL SKILLS

Sports

First place at the Carrom-women's faculty championships, Faculty of Agriculture, University of Peradeniya, Sri Lanka (2016)

Second runner up at the Carrom-women's championship in Interfaculty Freshers' Championship, University of Peradeniya, Sri Lanka (2016)

Second runner up at the Carrom-women's faculty championships, Faculty of Agriculture, University of Peradeniya, Sri Lanka (2015)

Communication skills

Conducting lectures, practical sessions and discussion classes for undergraduate students of Faculty of Agriculture, University of Peradeniya, Sri Lanka, during the employment period as an assistant lecturer, demonstrator and as a lecturer (Medium of instructions is English)

Oral presenter in the Final Year undergraduate Research Symposium (FAuRS-2018), Faculty of Agriculture, University of Peradeniya (2019)

Oral presenter in the International Undergraduate Research Symposium, Faculty of Economics, Saga University, Japan (2018)

ORGANIZATIONAL/ MANAGERIAL SKILLS

[2020 - 28/04/2022]

Secretary, Postgraduate Agriculture Students' Association, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka

[2020]

Member of the organizing committee, 32nd Annual PGIA Congress, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka

[2020]

Member of the organizing committee, Final Year undergraduate Research Symposium (FAuRS-2019), Faculty of Agriculture, University of Peradeniya, Sri Lanka

[2019]

Contribution of the service for reviewing curriculum of B.Sc Animal Science and Fisheries degree programme and B.Sc Agricultural Technology and Management degree programmes, Faculty of Agriculture, University of Peradeniya, Sri Lanka

[2019]

Contribution of the service for organizing the Peradeniya University International Research Sessions (iPURSE-2019), University of Peradeniya, Sri Lanka

NON-RELATED REFER- EES

Contact details

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