



Roshani Fernando

Nationality: Sri Lankan **Date of birth:** 20/04/1994 **Gender:** Female

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Work: Department of Animal Science Faculty of Agriculture, University of Peradeniya, 20400 kandy (Sri Lanka)

ABOUT ME

I am a Lecturer in Animal Science and a young researcher with hands on research experience who is curious about innovative research exposures to look over the tradition. Being result oriented, energetic and an ambitious individual, I strongly believe in my capacity for working hard to learn and undertake new challenges.

EDUCATION AND TRAINING

MSc. in Food and Nutrition

Postgraduate Institute of Agriculture, University of Peradeniya

Final grade: FGPA:3.63/4.00

Thesis: Perceived Barriers and Facilitators of Healthy Eating in Rural & Peri-urban Communities in Sri Lanka

B.Sc. in Agricultural Technology and Management

University of Peradeniya [26/11/2014 – 12/02/2019]

Address: Faculty of Agriculture University of Peradeniya, 20400 Kandy (Sri Lanka)

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

Final grade: FGPA:3.73/4.00 (First Class Honours)

Thesis: Compositional Changes in Milk due to Field Isolates of Mastitis Causing Bacteria, Obtained from Sri Lankan Dairy Herds: Staphylococcus aureus, Streptococcus agalactiae and Escherichia coli under Chilling Condition

Successfully completed Postgraduate Diploma in Marketing (Operational level)

Sri Lankan Institute of Marketing (SLIM)

Successfully completed the Certificate Course in Human Resource Management (CCHRM)

Chartered Institute of Personal Management Sri Lanka (CIPM)

Successfully completed short course on ISO 14001: 2015

University of Peradeniya

Trainee

Fonterra Brands Lanka (Pvt) Ltd.

Trainee

HJS Condiments Limited

WORK EXPERIENCE

Lecturer (probationary)

Department of Animal Science, Faculty of Agriculture, University of Peradeniya [15/03/2021 – Current]

City: Kandy

Country: Sri Lanka

Conducting theory and practical classes related to the courses, Poultry and Swine Production, Principles of Genetics & Animal Breeding and Wildlife and Ecosystem for the undergraduate students. Further, assisting with research students as a co-supervisor

Temporary Demonstrator in Applied Nutrition

Department of Applied Nutrition, Faculty of Livestock, Fisheries and Nutrition, Wayamba University. [2019 – 2020]

City: Makandura

Country: Sri Lanka

Preparation of practical handouts, assisted in organizing and conducting practical sessions, discussion classes for undergraduates

Assisted in marking students' evaluation materials (assignments, quizzes and tutorials)

NTN 1414 Human Nutrition

NTN 2153 Public Health and Community Nutrition

NTN 2223 Sports and Exercise Nutrition

LFN 3112 Scientific Communication

NTN 2272 Food and Beverage Service Management

Temporary Assistant Lecturer

Department of Animal Science, Faculty of Agriculture, University of Peradeniya [03/2019 – 12/2019]

City: Kandy

Country: Sri Lanka

Preparation of practical handouts, assisted in organizing and conducting practical sessions, discussion classes for undergraduates

Assisted in marking students' evaluation materials (assignments, quizzes and tutorials)

ASF 1103 Anatomy and Physiology of Fish

AS 2102 Principles of Animal Nutrition

AS 2103 Forage Production and Conservation

AS 2201 Ruminant Animal Production

AS 2202 Poultry and Swine Production

AS 3101 Animal Product Processing Technology

LANGUAGE SKILLS

Mother tongue(s): **Sinhala**

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

PUBLICATIONS

[Microbial cellulose: an alternate source for plant cellulose](#)

[2022]

Sarvananda L., **Fernando P.R.M.K.**, Palihaderu P.A.D.S., and Premarathna D.A.

[Combining Demographic, Production and Molecular Investigations in Genetic Improvements: Case Study in Indigenous Chicken. World Congress on Genetics Applied to Livestock Production \(WCGALP\), Netherlands.](#)

[2022]

Silva G.L.L.P., Dematawewa C.M.B., **Fernando, P.R.M.K.** and Kurukulasuriya, M.S.

Effect of Microbial Transglutaminase Enzyme on Textural Properties and Water Holding Capacity of Jackfruit (*Artocarpus heterophyllus*) Incorporated Veggie Fingers. Proceeding of the Faculty of Agriculture Undergraduate Research Symposium held in Faculty of Agriculture, University of Peradeniya, Sri Lanka.

[2022]

Jayalath A.D.W., **Fernando P.R.M.K.**, Jayawardene N., Vidanarachchi J.K., and Himali S.M.C.

Assessment of Food Safety Knowledge, Attitudes and Practices on Seafood Handling among Onsite Fish Retailers in Western Province in Sri Lanka. Proceeding of the Faculty of Agriculture Undergraduate Research Symposium held in Faculty of Agriculture, University of Peradeniya, Sri Lanka.

[2022]

Fernando W.A.M.C., **Fernando P.R.M.K.**, Salwathura A., and Himali S.M.C.

Development of Lavulu (*Pouteria campechiana*) Pulp Incorporated Drinking Yoghurt

Vithanage C.Y.P., Deshapriya R.M.C., Edirisinghe M.P., and **Fernando P.R.M.K.**

Quality Evaluation of the Leather Manufactured from Goat Skin with Selected Vegetable Tanning Materials. Proceeding of the Faculty of Agriculture Undergraduate Research Symposium held in Faculty of Agriculture, University of Peradeniya, Sri Lanka.

[2022]

Jayarathna G.L.L.M., **Fernando P.R.M.K.**, Gamage A.T.H., Sujanthan S., Vidanarchchi J.K. and Himali S.M.C.

Productive and Reproductive Performance of Dairy Cattle Herd in Melsiripura Farm with Special Reference to Girolando Crossbreds. Proceeding of the Faculty of Agriculture Undergraduate Research Symposium held in Faculty of Agriculture, University of Peradeniya, Sri Lanka.

[2022]

Deshapriya H.M.C.B., Silva G.L.L.P., **Fernando P.R.M.K.**, Kuruppuararchchi N., and Bandara N.M.S.N.

Variable Feeding Systems and their Influence on Egg Quality and Fertility of Backyard Chicken: a Case in Jaffna district. Presented in scientific session of World's Poultry Science Association Sri Lanka.

[2022]

Fernando P.R.M.K., Abiramy K., Kumara T.G.I.S. And Silva G.L.L.P.

Harvesting Age, Yield and Nutritive Value of Hybrid Maize Varieties for Fodder Production in the Mid-Country, Intermediate-Zone. The 9 th International Conference on Agriculture 2022 (AGRICO 2022).

[2022]

Kumara Mahipala M.B.P., Weerasinghe W.M.P.B., Karunadhipathi U.L., Weerathunga M.W.D.C. and **Fernando P.R.M.K.**

The Effect of Different Pre-Washing Treatments on the Improvement of the Quality and Shelf-life of Mechanically Deboned Chicken Meat. Proceeding of the Open University Research Session.

[2021]

Kumarasinghe W.A.K.R., **Fernando P.R.M.K.**, Dissanayake J.K. and Himali S.M.C.

Perceived Barriers and Facilitators of Healthy Eating in Rural & Peri-urban Communities in Sri Lanka. Proceeding of the Annual Scientific Sessions of the Nutrition Society of Sri Lanka.

[2021]

Fernando P.R.M.K., Madumali K.A.C., Lukshna R. and Silva K.D.R.R.

Nutritional, Physicochemical, and Sensory Properties of Kithul (*Caryota urens*) Flour Incorporated Chicken Sausages. Proceeding of the Faculty of Agriculture Undergraduate Research Symposium held in Faculty of Agriculture, University of Peradeniya, Sri Lanka.

[2021]

Bandara M.G.K.S., Jayawardena B.C., Liyanage R. and **Fernando P.R.M.K.**

An Overview of Prevalence, Associated Risk Factors of Mastitis and its Effect on Milk Calcium. Proceeding of the Faculty of Agriculture Undergraduate Research Symposium held in Faculty of Agriculture, University of Peradeniya, Sri Lanka.

[2021]

Pramodaya W.G.D.T., Deshapriya R.M.C. and **Fernando P.R.M.K.**

RESEARCH IN PROGRESS

Production system as a key strategy in conservation of chicken genetic resources: An evidence from Sri Lankan indigenous chicken

Assessment of the Effect of Variety and Harvesting Age on Yield and Nutritive Value of Hybrid Fodder Maize (Green-Chop, Silage) in Mid-Country, Intermediate-Zone (Dodangolla)

HONOURS AND AWARDS

University Prize for Academic Excellence

University of Peradeniya, Sri Lanka [2019]

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

University Scholarship

University of Peradeniya, Sri Lanka [2015]

This scholarship was awarded for the students who perform best in the first year examinations

MANAGEMENT AND LEADERSHIP SKILLS

Faculty co-representative (Tier 02) to the SER writing committee: criterion 04, "Teaching and Learning"

2022

A member of the Organizing committee of the students' orientation programme

2022

A member of the Faculty Quality Assurance Cell (FQAC)/Internal Quality Assurance Cell (IQAC), Faculty of Agriculture, University of Peradeniya

2022

A member of the organizing committee of the Felicitation Ceremony 2022 of Faculty Agriculture.

2022

Department coordinator of the "Activities for Socio-Emotional Skill Development" activity of AHEAD project

2021-2022

Secretary Assistant ASF Curriculum Revision Committee

2021-2022

A member of Language Teaching committee of the Faculty of Agriculture, University of Peradeniya

2021-2022

Academic Sub warden, Sangamiththa Hostel, University of Peradeniya

2021-2022

Logistic coordinator of the “Community, Environment & Management” session at Faculty of Agriculture Undergraduate Research Symposium

2020

REFEREES

Prof. R.M.C. Deshapriya

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University of Peradeniya

Sri Lanka

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Prof. B.C. Jayawardana

Professor

Head of the Department

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Prof. G.L.L.P. Silva

Senior Professor

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