

Prof. Pabodha Weththasinghe (PhD)



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1. Personal Information

Full Name: Pabodha Weththasinghe

Date and Place of Birth: 20th of September 1989, Matara, Sri Lanka

Nationality/Citizenship: Sri Lankan

Gender: Female

Civil Status: Single

2. Work Experience

2.1. Current Position:

- ✓ Professor, Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka (18th September 2025 to Present).

2.2. Visiting Positions:

- ✓ Visiting Lecturer, Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka (2022 to Present).
- ✓ Guest Researcher, Aquaculture and Fisheries Group, Wageningen Institute of Animal Sciences, Wageningen University and Research, The Netherlands (2024).
- ✓ Visiting Lecturer, Department of Urban Bioresources, Faculty of Urban and Aquatic Bioresources, University of Sri Jayewardenepura, Sri Lanka (2022).
- ✓ Visiting Lecturer, Norwegian University of Life Sciences, Norway (2020 and 2023)

2.3. Positions Held:

- ✓ Senior Lecturer (Grade II), Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka (8th December 2021 to 17th September 2025).
 - ✓ Lecturer, Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka (18th October 2014 to 7th December 2021).
 - ✓ Temporary Lecturer, Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka (1st February 2014 to 17th October 2014).
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3. Professional Information

3.1. Educational Background:

- ✓ 2018 – 2021 Ph.D. in Animal and Aquacultural Sciences, Norwegian University of Life Sciences, Norway (Thesis: Nutritional, health, and technical properties of black soldier fly larvae in Atlantic salmon feeds).
- ✓ 2016 – 2016 M.Sc. in Aquaculture and Marine Resource Management (FGPA: 8.0/ 10.0), Wageningen University and Research, The Netherlands (Specialization: Aquaculture; Thesis: The effect of bile supplementation on fat digestibility in rainbow trout fed non-starch polysaccharide-containing diets).
- ✓ 2009 - 20013 B.Sc. (Hons) in Animal Science and Fisheries (FGPA: 3.82/4.00), Faculty of Agriculture, University of Peradeniya, Sri Lanka (Thesis: Hypocholesterolemic and hypoglycemic effect of cowpea (*Vigna unguiculata* L. Walp) incorporated experimental diets in Wistar rats (*Rattus norvegicus*)).
- ✓ 1995 - 2008 Sujatha Vidyalaya, Matara, Sri Lanka.

3.2. Fellowships and Scholarships:

- ✓ Visiting Scientist Fellowship, Wageningen Institute of Animal Sciences, Wageningen University and Research, The Netherlands (2024).
- ✓ Netherlands Fellowship Program (NFP) Scholarship, Nuffic for the MSc degree program Aquaculture and Marine Resource Management at the Wageningen University and Research, The Netherlands.
- ✓ PhD Scholarship for 3-year PhD program at Norwegian University of Life Sciences, Norway.

3.3. Prizes and Awards:

- ✓ First Place for Best Abstract Award, Track 2: Sustainable Agriculture and Veterinary Medicine for Food Security, Peradeniya University International Research Symposium and Exposition 2026 (iPURSE2026)
 - ✓ First Place in the Livestock, and Fisheries & Aquatic Resources Sector at the National Awards for Excellence in Agricultural Research 2025
 - ✓ Tier 4* Research Award 2025 - In recognition of the Excellence in Research based on the Transparent Research Performance Scheme stipulated in UGC circular 05/2018
 - ✓ URC (University Research Council) Research Awards 2025, University of Peradeniya
 - ✓ Q1 Paper Award 2025, University of Peradeniya (For the paper titled 'Seaweed Species and Pre-treatment Methods: Effects on Fatty Acid Profile and Performance in Black Soldier Fly (*Hermetia illucens*) Larvae')
 - ✓ Q1 Paper Award 2025, University of Peradeniya (For the paper titled 'Meta-analysis of the effects of seaweed inclusion in fish diets on growth performance')
 - ✓ Q1 Paper Award 2025, University of Peradeniya (For the paper titled 'Effects of supplementing a polyphenol-rich sugarcane extract through drinking water on egg production and quality of laying hens')
 - ✓ First Place for Best Paper Award, Track 2: Sustainable Agriculture and Veterinary Medicine for Food Security, Peradeniya University International Research Symposium and Exposition 2025 (iPURSE2025)
 - ✓ Dr. Malcom de Alwis Award for the best mini-oral presentation at the 76th Annual Scientific Sessions of the Sri Lanka Veterinary Association (2024)
 - ✓ Australia Awards for Short Course in Nutrition and Food Security, Department of Foreign Affairs and Trade, Australia, 2023
 - ✓ Annual Research Excellence Award 2024, Faculty of Agriculture, University of Peradeniya
 - ✓ Annual Research Excellence Award 2023, Faculty of Agriculture, University of Peradeniya
 - ✓ Annual Research Excellence Award 2022, Faculty of Agriculture, University of Peradeniya
 - ✓ Annual Research Excellence Award 2021, Faculty of Agriculture, University of Peradeniya
 - ✓ Annual Research Excellence Award 2020, Faculty of Agriculture, University of Peradeniya
 - ✓ Best Poster Award of Fish Nutrition Workshop 2021, Wageningen University and Research, The Netherlands
 - ✓ Best Presenter of the 6th International Conference on Agriculture & Fisheries; Systems & Technology 2020 (AgriFish2020)
 - ✓ NRC (National Research Council, Sri Lanka) Merit Award 2015 for the scientific publication
 - ✓ The Aquatic Resources Development Project Award for the Best Performance in BSc. in Animal Science and Fisheries degree program, Department of Animal Science, Faculty of Agriculture, University of Peradeniya, Sri Lanka, 2013
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- ✓ The University Scholarship for Academic Excellence at Final Year Examination, University of Peradeniya, Sri Lanka, 2013

3.4. Additional Qualifications:

- ✓ Certificate on “Laboratory Animal Science for Research Workers”. Faculty of Veterinary Medicine and Centre for Continuing Education, Norwegian University of Life Sciences, Norway
 - ✓ Certificate Course in Human Resource Management, Institute of Personnel Management, Sri Lanka – Merit Pass
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4. Research

ResearchGate Profile: <https://www.researchgate.net/profile/Pabodha-Weththasinghe/research>

Google Scholar Profile: <https://scholar.google.com/citations?user=wO6HyUgAAAAJ&hl=en>

ORCID: <https://orcid.org/0000-0003-1880-1837>

4.1. Research Interests:

- ✓ Fish Nutrition
- ✓ Poultry Nutrition
- ✓ Seaweeds
- ✓ Insects

4.2. Peer-Reviewed Publications; H index 16 (Google scholar); Citations ~ 1233:

- 1 Weththasinghe, P., Schrama, J.W. “Chitin in Aquafeeds: A Meta-Analysis of Fish Growth Performance and Nutrient Digestibility”. *Reviews in Aquaculture*. 19 (1): e70212, 2027.
 - 2 Perera, T.W.Y.K., Jayawardana, B.C., Liyanage, R., Dhamsara, M., Subhasinghe, H.W.S.S., Weththasinghe, P. “Comparative analysis of drying methods on antioxidant, antidiabetic, anti-obesity, antimicrobial, and anti-aging activities of *Kappaphycus alvarezii*: An in-vitro study”. *Journal of Applied Phycology*. 2026.
 - 3 Wijedasa, B.A.T.T., Rajapakse, R.P.N.P., Weththasinghe, P., Mendis, B.E.P. “Promoting the utilization of *Kappaphycus alvarezii* (Doty Doty) red algae through chemical and physical treatments: Disinfection, deodorisation, and microbial & sensory quality evaluation”. *Ceylon Journal of Science*. 55 (iPURSE 2025 Special Issue): 1028-1037, 2026.
 - 4 Dhamsara, M., Jayawardana, B.C., Weththasinghe, P. “Spike-Topped Apple Snail (*Pomacea diffusa*) Meal in Guppy (*Poecilia reticulata*) Diets: Effects on Physical Pellet Quality, Growth Performance, Color Intensity, Stress Tolerance and Economic Efficiency”. *Ceylon Journal of Science*. 55 (2): 658-669, 2026.
 - 5 Perera, K., Jahufar, M., De Seram, E., Weththasinghe, P., Karunaratne, N. “Effects of dietary synbiotics and early-life antibiotic supplementation on physiological stress, gut morphology and performance of broiler chickens”. *Frontiers in Animal Science*. 7: 1779197, 2026.
 - 6 Samarasinghe, B.A.D.A., Samarakoon, S.M.R., Weththasinghe, P., Jayawardana, B.C., “Effect of storage time of dietary rice bran on growth performance and meat quality of broiler chicken”. *Tropical Agricultural Research*. 37(2):151-163, 2026.
 - 7 Chandraprabha, R.A.U., Jayawardana, B.C., Liyanage, R., Jayatilake, J.A.M.S., Weththasinghe, P. “Characterization of nutritional, antimicrobial and antioxidant properties of five seaweed species in Sri Lanka”. *Tropical Agricultural Research*. 37(1): 1-12, 2026.
 - 8 Imesha, T.A.D.M., Jayawardana, B.C., Vidanarachchi, J.K., Wijesekara, I., Subhasinghe, H.W.S.S., Weththasinghe, P. “Development and characterization of gelatin-free set-yoghurt incorporated with seaweed phycocolloids”. *Tropical Agricultural Research*. 37(1): 13-22, 2026.
 - 9 Weththasinghe P., Thilakarathne H.M.T.P., Herath H.M.U.L., Jayawardana B.C. “Meta analysis of the effects of seaweed inclusion in fish diets on growth performance”. *Aquaculture*. 611: 743085, 2026.
 - 10 Subhasinghe, S.S., Wijesingha, E.I., Jayawardana, B.C., Liyanage, R., Weththasinghe, P. “Seaweed species and pre-treatment methods: Effects on fatty acid profile and performance in black soldier fly (*Hermetia Illucens*) larvae”. *Animal Feed Science and Technology*. 330: 116542, 2025.
 - 11 Vidana Pallaththarage, I.B., Weerasooriya, S., Jayawardana, B., Weththasinghe, P. “Consumer awareness and acceptance of insect-based food and feed in Sri Lanka”. *Food and Humanity*. 5: 100721, 2025.
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- 12 Karunaratne, N.D., De Silva, S., Herath, M.D., Liyanage, R., Weththasinghe, P., Jayawardana, B., De Seram, E., Pushpakumara, A., Flavel, M. "Effects of supplementing a polyphenol-rich sugarcane extract through drinking water on egg production and quality of laying hens". *PLOS ONE*. 20(2): e0317292, 2025.
 - 13 Karunaratne, N.D., Senaarachchi, R., Weththasinghe, P., Jayawardana, B., De Seram, E., Nizanantha, K., Pushpakumara, P.G.A., Flavel, M. "Impact of administering polyphenol-rich sugarcane Extract through drinking water on the growth Performance and meat quality of broiler chickens". *Sri Lanka Veterinary Journal*. 71(2), 2024.
 - 14 Warnasooriya, V., Gunawardena, S., Weththasinghe, P., Jayawardana, B.C., Qader, M., Liyanage, R. "Nutritional properties, antioxidant activity, and heavy metals accumulation in selected marine macro-algae species of Sri Lanka". *Nutraceuticals*. 4, 50–64, 2024.
 - 15 Herath, H.M.U.L., Jayawardana, B.C., Fernando, P.D.S.M., Weththasinghe, P. "A meta-analysis of the effects of dietary Spirulina on growth performance of broiler chicken". *World's Poultry Science Journal*. 79(3): 497-511, 2023.
 - 16 Weththasinghe, P., Rocha, S.D.C., Øyås, O., Lagos, L., Hansen, J.Ø., Mydland, L.T., Øverland M. "Modulation of Atlantic salmon (*Salmo salar*) gut microbiota composition and predicted metabolic capacity by feeding diets with processed black soldier fly (*Hermetia illucens*) larvae meals and fractions". *Animal Microbiome*. 4, 9, 2022.
 - 17 Melenchón, F., de Mercado, E., Pula, H.J., Cardenete, G., Barroso, F.G., Fabrikov, D., Lourenço H.M., Pessoa, M., Lagos, L., Weththasinghe, P., Cortés, M. and Tomás-Almenar, C. "Fishmeal dietary replacement up to 50%: A comparative study of two insect meals for rainbow trout (*Oncorhynchus mykiss*)". *Animals*. 12(2), 179, 2022.
 - 18 Weththasinghe, P., Hansen, J.Ø., Rawski, M., Józefiak, D., Ghimire, S., Øverland, M. "Insects in Atlantic salmon (*Salmo salar*) diets – Comparison between full-fat, defatted, and de-chitinized meals, and oil and exoskeleton fractions". *Journal of Insects as Food and Feed*. 8(11): 1235-1247. 2021.
 - 19 Weththasinghe, P., Hansen, J.Ø., Mydland, L.T., Øverland, M. "A systematic meta-analysis based review on black soldier fly (*Hermetia illucens*) as a novel protein source for salmonids". *Reviews in Aquaculture*. 14(2): 938-956. 2021.
 - 20 Weththasinghe, P., Lagos, L., Cortés, M., Hansen, J.Ø., Øverland, M. "Dietary inclusion of black soldier fly (*Hermetia illucens*) larvae meal and paste improved gut health but had minor effects on skin mucus proteome and immune response in Atlantic salmon (*Salmo Salar*)". *Frontiers in Immunology*. 12: 599530, 2021.
 - 21 Weththasinghe, P., Hansen, J., Nøklund, D., Lagos, L., Rawski, M., Øverland, M. "Full-fat black soldier fly larvae (*Hermetia illucens*) meal and paste in extruded diets for Atlantic salmon (*Salmo salar*): Effect on physical pellet quality, nutrient digestibility, nutrient utilization and growth performances". *Aquaculture*. 530: 735785, 2021.
 - 22 Staessen, T.W.O., Verdegem, M.C.J., Weththasinghe, P., Schrama J.W. "The effect of dietary non-starch polysaccharide level and bile acid supplementation on fat digestibility and the bile acid balance in rainbow trout (*Oncorhynchus mykiss*)". *Aquaculture*. 523: 735174, 2020.
 - 23 Liyanage, R., Perera, O., Lakmini, G.W.A.S., Weththasinghe, P., Visvanathan, R., Jayathilake, C., Jayawardana, B.C., Vidanarachchi, J.K., Sivakanesan, R. "Boiled, sprouted and raw cowpea incorporated diets modulate High-Fat-Diet induced hypercholesterolemia in rats". *Food Science & Nutrition*. 1-8, 2018.
 - 24 Liyanage, R., Kiramage, C., Visvanathan, R., Jayathilake, C., Weththasinghe, P., Bangamuwage, R., Jayawardana, B.C., Vidanarachchi, J.K. "Hypolipidemic and hypoglycemic potential of raw, boiled, and sprouted mung beans (*Vigna radiata* L. Wilczek) in rats". *Journal of Food Biochemistry*, e12457, 2017.
 - 25 Liyanage, R., Gunasegaram, S., Visvanathan, R., Jayathilake, C., Weththasinghe, P., Jayawardana, B.C., Vidanarachchi, J.K. "Banana blossom (*Musa acuminata* Colla) incorporated experimental diets modulate serum cholesterol and serum glucose level in Wistar rats fed with cholesterol". *Cholesterol*. Article ID 9747412, 2016.
 - 26 Perera, O.S., Liyanage, R., Weththasinghe, P., Jayawardana, B.C., Vidanarachchi, J.K., Fernando, P.S., Sivakanesan, R. "Modulating effects of cowpea incorporated diets on serum lipids and serum antioxidant activity in Wistar rats". *Journal of the National Science Foundation of Sri Lanka*. 44 (1): 69-76, 2016.
 - 27 Jayawardana, B.C., Liyanage, R., Lalantha, N., Weththasinghe, P. "Antioxidant and antimicrobial activity of drumstick (*Moringa oleifera*) leaves in herbal chicken sausage". *LWT - Food Science and Technology*. 64: 1204-1208, 2015.
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- 28 Liyanage, R., Perera, O.S., Weththasinghe, P., Jayawardana, B.C., Vidanarachchi, J.K., Sivakanesan, R. "Nutritional properties and antioxidant content of commonly consumed cowpea cultivars in Sri Lanka". *Journal of Food Legumes*. 27 (3): 1-4, 2014.

4.3. Full paper Publications in Conference Proceedings:

- 1 Chandrasiri, S.D., Liyanage, R., Vidanarachchi, J.K., Weththasinghe, P., Jayawardana, B.C. "Does processing have a considerable effect on the nutritional and functional properties of mung bean (*Vigna Radiata*)?". *Procedia Food Science* (2016). 6: 352-355, 2016.
- 2 Perera, O.S., Liyanage, R., Weththasinghe, P., Jayawardana, B.C., Vidanarachchi, J.K., Fernando, P., Sivakanesan, R. "Raw and processed cowpea (*Vigna unguiculata* L. Walp.) incorporated experimental diets modulate serum cholesterol and serum antioxidant activity in Wistar Rats (*Rattus norvegicus*)". 16th Food Innovation Asia Conference 2014, Bangkok, Thailand. Book of Conference Proceedings, 1-7, 2014.
- 3 Weththasinghe, P., Liyanage, R., Vidanarachchi, J., Perera, O., Jayawardana, B. "Hypocholesterolemic and Hypoglycemic effect of Cowpea (*Vigna unguiculata* L. Walp) Incorporated Experimental Diets in Wistar Rats (*Rattus norvegicus*)". 2nd International Conference on Agricultural and Food Engineering, CAFEi2014. *Agriculture and Agricultural Science Procedia*, 2, 401-405, 2014.

4.4. Abstract Publications in Conference Proceedings:

- 1 Yasawardhana P.A.R., Jayawardana B.C., Liyanage R., Subhasinghe H.W.S.S., Dhamsara M., Weththasinghe P. "Bioactive properties and heavy metal composition of wild and cultivated morphotypes of *Kappaphycus alvarezii*: A comparison of raw and cooked forms". Proceedings of Peradeniya University International Research Symposium and Exposition 2026 (iPURSE 2026), 20-21 August 2026, University of Peradeniya, Sri Lanka, Vol. 27, pp. 152.
 - 2 Subasinghe S.A.I.S., Jayawardana B.C., Liyanage R., Subhasinghe H.W.S.S., Weththasinghe P. "Comparative evaluation of nutrient, bioactive and toxicological profiles of raw and cooked forms of *Sargassum polycystum* and *Padina antillarum*". Proceedings of Peradeniya University International Research Symposium and Exposition 2026 (iPURSE 2026), 20-21 August 2026, University of Peradeniya, Sri Lanka, Vol. 27, pp. 156.
 - 3 Madushanka B.A.D.L., Dhamsara M., Weththasinghe P. "Effects of dietary inclusion of Tubifex (*Tubifex tubifex*) worm meal on growth performance, stress tolerance, and economic efficiency of Mrigal (*Cirrhinus mrigala*) fry during the fry-to-fingerling stage". Proceedings of Peradeniya University International Research Symposium and Exposition 2026 (iPURSE 2026), 20-21 August 2026, University of Peradeniya, Sri Lanka, Vol. 27, pp. 164.
 - 4 Gamage W.V.G.D.L., Jayawardana B.C., Samarakoon R., Rankoth L.M., Karunaratne N.D., Weththasinghe P. "Enzyme supplementation in rice bran-based diets for broiler chickens: Effects on growth performance and nutrient utilization". Proceedings of Peradeniya University International Research Symposium and Exposition 2026 (iPURSE 2026), 20-21 August 2026, University of Peradeniya, Sri Lanka, Vol. 27, pp. 166.
 - 5 Vidanapathirana V.S.A., Jayawardana B.C., Samarakoon R., Karunaratne N.D., Jayawardene L.P.I.N.P., Singh S., Konthasinghe K.H.M.N.B., Guluwatta J., Gamage W.V.G.D.L., Weththasinghe P. "Supplementation of yeast fractions (Safmannan®) in broiler diets: Effects on growth performance and nutrient digestibility under high stocking density". Proceedings of Peradeniya University International Research Symposium and Exposition 2026 (iPURSE 2026), 20-21 August 2026, University of Peradeniya, Sri Lanka, Vol. 27, pp. 189.
 - 6 Madhuranga P.E., Kopyawattage K.P.P., Weththasinghe P. "Gender differences in behavioral intentions to adopt seaweed farming in Northern Sri Lanka". Proceedings of Peradeniya University International Research Symposium and Exposition 2026 (iPURSE 2026), 20-21 August 2026, University of Peradeniya, Sri Lanka, Vol. 27, pp. 289.
 - 7 Daluwatta S.S.K., Ranathunga E.S.L.H., Samarakoon E.R.J., Gasco L., Weththasinghe P. "Development and quality evaluation of a novel protein bar enriched with food-grade roasted *Tenebrio molitor* powder". *Journal of Insects as Food and Feed*, Volume 12. Supplement 17 (2026), S269.
 - 8 Madhuranga P.E., Kopyawattage K.P.P., Weththasinghe P. "Factors Influencing the Adoption Intention of Seaweed Farming Among Coastal Communities in the Northern Province of Sri Lanka". Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2025, 7 November 2025, University of Peradeniya, Sri Lanka. pp 278.
 - 9 Goshigan, N., Amarathunga, K.S.P., Weththasinghe, P., Fernando, A.J. "Development of an Artificial Intelligence-Based Automated Shrimp Size Estimation Model Using Image Processing for Pacific White
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- Shrimp (*Litopenaeus vannamei*) Culture Systems in Sri Lanka”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2025, 7 November 2025, University of Peradeniya, Sri Lanka. pp 104.
- 10 Lakshan P.M.S., Jayawardana B.C., Lalantha N., Gunathilake A.K.D.K., Weththasinghe P. “Citrus Fiber as a Natural Alternative to Phosphate Salt in Frozen Chicken Sausages”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2025, 7 November 2025, University of Peradeniya, Sri Lanka. pp 144.
- 11 Jayathilake P.W.G.S.C., Jayawardana B.C., Jayawardene L.P.I.N.P., Prabhashwari I.G., Weththasinghe P. “Guar Gum (Edicol®) as a Replacement for Citrus Fiber in Emulsion-Type Chicken Sausages”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2025, 7 November 2025, University of Peradeniya, Sri Lanka. pp 209.
- 12 Dewrangi H.G.T., Jayawardana B.C., Jayawardene L.P.I.N.P., Prabhashwari I.G., Weththasinghe P. “Rosemary Extract (NaSure 17®) as a Natural Alternative to Sodium Nitrite in Chicken Sausages”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2025, 7 November 2025, University of Peradeniya, Sri Lanka. pp 230.
- 13 Dhamsara M., Weththasinghe P., Jayawardana B.C. “Potential Use of Spike-Topped Apple Snail (*Pomacea diffusa*) Meal as a Substitute for Fishmeal in Guppy (*Poecilia reticulata*) Diets”. Book of Abstracts of the Green to Green International Research Conference, 16 December 2025, Sri Lanka Council for Agricultural Research Policy, Ministry of Agriculture, Livestock, Land and Irrigation. pp 22.
- 14 Gangani, W.G.R., Weththasinghe, P., Jayawardana, B.C., Dhamsara, M., Subhasinghe, H.W.S.S., Liyanage, R. “Bioavailability of antioxidants, minerals, and heavy metals in two edible seaweed species: *Kappaphycus alvarezii* and *Caulerpa racemosa*”. Book of Abstracts of the Green to Green International Research Conference, 16 December 2025, Sri Lanka Council for Agricultural Research Policy, Ministry of Agriculture, Livestock, Land and Irrigation. pp 64.
- 15 Samarakoon S.M.R., Konthasinghe K.H.M.N.B., Weththasinghe P., Karunaratne N.D., Jayawardana B.C. “Paddy Husk Adulterated Rice Bran in Broiler Diets: Impact on Growth Performance, Nutrient Digestibility and Gut Health”. Proceedings of the 37th PGIA Annual Congress 2025, 21 November 2025, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka. pp 20.
- 16 Samarakoon S.M.R., Vidanapathirana V.S.A., Jayawardana B.C., Karunaratne N.D., Munasinghe V., Weththasinghe P. “Effect of Dietary Supplementation of Yeast Fractions (Safmannan®) on Growth Performance and Nutrient Digestibility in Broiler Chickens Fed Adulterated Rice Bran”. Proceedings of the 37th PGIA Annual Congress 2025, 21 November 2025, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka. pp 22.
- 17 Subhasinghe H.W.S.S., Jayawardana B.C., Weththasinghe P. “Effect of enzymatic, fermentation, and microwave pre-treatments on nutrient composition of seaweed (*Kappaphycus alvarezii*)”. Proceedings of Peradeniya University International Research Symposium and Exposition 2025 (iPURSE 2025), 28-29 August 2025, University of Peradeniya, Sri Lanka, Vol. 26, pp. 245.
- 18 Subhasinghe H.W.S.S., Wijesingha W.A.D.E.I., Jayawardana B.C., Liyanage R., Weththasinghe, P. “Fatty acid profile and performance of black soldier fly (*Hermetia illucens*) larvae fed raw and pre-treated seaweeds”. Proceedings of Peradeniya University International Research Symposium and Exposition 2025 (iPURSE 2025), 28-29 August 2025, University of Peradeniya, Sri Lanka, Vol. 26, pp. 250.
- 19 Wijedasa B.A.T.T., Mendis B.E.P., Rajapakse R.P.N.P., Weththasinghe P. “Promoting the utilization of *Kappaphycus alvarezii* (Doty Doty) brown algae: Disinfection, deodorisation, and microbial & sensory quality evaluation through chemical and physical treatments”. Proceedings of Peradeniya University International Research Symposium and Exposition 2025 (iPURSE 2025), 28-29 August 2025, University of Peradeniya, Sri Lanka, Vol. 26, pp. 264.
- 20 Balachandra B.A.G.S., Jayawardana B.C., Liyanage R., Rathnayaka R., Weththasinghe P. “Bioprospecting *Spirulina subsalsa* native to Sri Lanka: Assessment of Antioxidant, Antidiabetic, Anti-obesity and Anti-aging potentials”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2024, 10 April 2025, University of Peradeniya, Sri Lanka. pp 94.
- 21 Perera T.W.Y.K., Jayawardana B.C., Weththasinghe P., Liyanage R. “Comparative Analysis of Drying Methods on Antioxidant, Antidiabetic, Anti-obesity, Antimicrobial, and Anti-aging Activities in *Kappaphycus alvarezii*: An in-vitro Study”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2024, 10 April 2025, University of Peradeniya, Sri Lanka. pp 112.
- 22 Perera M.C.D., Weththasinghe P., Jayawardana B.C., Jayawardene L.P.I.N.P. “Development of Beef Salami Using Fast Fermenting Cultures (Bactoferm® F-SC-111)”. Proceedings of the Faculty of Agriculture
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- 23 Samarakoon S. M. R., Samarasinghe B.A.D.A., Weththasinghe P., Jayawardana B.C. “Effect of storage time of dietary rice bran on growth performance and meat quality of broiler chicken”. Proceedings of the 36th PGIA Annual Congress 2024, 22 November 2024, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka. pp 29.
 - 24 Samarakoon S. M. R., Kulawardhana K.K.S.M., Karunaratne N.D., Jayawardana B.C., Flavel M., Weththasinghe P. “Effect of polyphenol-rich antioxidants supplementation on growth performance and meat quality of broiler chicken fed rice bran stored for extended time periods”. Proceedings of the 36th PGIA Annual Congress 2024, 22 November 2024, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka. pp 24.
 - 25 Dilhari P.H.D.T., Benaragama C.K., Rankoth L.M., Weththasinghe P., Samita S., Ariyaratna W.M.T.P., Gunathilake G.K.D.C.S. “Effect of “GM/GR” biostimulant on growth and yield of salad cucumber”. Proceedings of the Postgraduate Institute of Science Research Congress, 1-2 November 2024, University of Peradeniya, Sri Lanka. pp 17.
 - 26 Senaarachchi R., Jayasekara U.D., Weththasinghe P., Jayawardana B.C., De Seram H.E.L., Nizanantha K., Pushpakumara P.G.A., Flavel M., Karunaratne N.D. “The impact of different polyphenol-rich sugarcane extract concentrations in drinking water on broiler growth performance, meat quality and mucosal lesions in the small intestine”. 76th Annual Scientific Sessions Sri Lanka Veterinary Association. Sri Lanka. 2 August 2024. pp 35.
 - 27 Hasara J.A.D., Abeyrathne E.D.N.S., Jayatilake J.A.M.S., Liyanage R., Rathnayake R.M.S.I., Jayawardana B.C., Weththasinghe P. “Physico-chemical and functional properties of insect chitosan: comparison with crab and shrimp chitosan”. Journal of Insects as Food and Feed, Volume 10. Supplement 1 (2024), S186.
 - 28 Bhagya V.P.I., Weerasooriya S.A., Jayawardana B.C., Weththasinghe P. “Consumer awareness and acceptance of insects as food and feed in Sri Lanka”. Journal of Insects as Food and Feed, Volume 10. Supplement 1 (2024), S115.
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 - 30 Subhasinghe H.W.S.S., Jayawardana B.C., Liyanage R., Jagoda S.S.S de S., Weththasinghe P. “Fatty acid profile and growth performance of black soldier fly larvae (*Hermetia illucens*) grown on pre-treated seaweed (*Kappaphycus alvarezii*)”. Proceedings of the Faculty of Agriculture Undergraduate Research Symposium 2023, 26 March 2024, University of Peradeniya, Sri Lanka. pp 53.
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4.5. Research Grants:

As principal investigator:

- ✓ Multidisciplinary Research Grants 2026, University of Peradeniya – Grant No. 101_MRG_2026 (LKR 2,750,000.00)
Project title: Development of selenium-biofortified insects: Optimization of enrichment, *in vitro* bioavailability, and application as functional ingredients in broiler diets
- ✓ Sri Lanka Council for Agricultural Research Policy (SLCARP) Research Grant 2025 – Grant No. NARP/2025/UP/AG/01 (LKR 5,819,100.00)
Project title: Revitalizing Sri Lanka's Coastal Resources: A Multi-Disciplinary Exploration to Harness the Potential of Seaweeds.
- ✓ University Research Grants 2022, University of Peradeniya, Sri Lanka – Grant No. URG/2022/03/Ag (LKR 523,250.00)
Project title: Development of an omega-3 enriched sustainable feed ingredient – Tailoring of fatty acid composition of black soldier fly (*Hermetia illucens*) larvae using fish offal and seaweed.
- ✓ University Research Grants 2016, University of Peradeniya, Sri Lanka – Grant No. URG/2016/02/Ag (LKR 800,000.00)
Project title: Effect of dietary *Spirulina* (*Spirulina platensis*) supplementation on growth, fertility, coloration, and leucocyte count in Goldfish (*Carassius auratus*).

As Co-investigator:

- ✓ Multidisciplinary Research Grants 2026, University of Peradeniya – Grant No. 87_MRG_2026 (LKR 2,750,000.00)
Project title: Backyard chicken derived gut microbiota as a natural alternative to antibiotics in broiler production.
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- ✓ University Research Grants 2026, University of Peradeniya, Sri Lanka – Grant No. URG/ARG/2026/3 (LKR 1,500,000.00)
Project title: Development of low-cost chitosan edible coatings from local crustacean waste to extend guava shelf life.

4.6. Editorial Board Member:

- ✓ Editorial Board Member, Journal of Insects as Food and Feed (Since 2026)
 - ✓ Guest Editor, Special Issue: Recent Advances in Fish Nutrition, MDPI Fishes (2025-2026)
 - ✓ Editorial Member, Ceylon Journal of Science (Faculty of Science, University of Peradeniya) (Since 2025).
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