



Miss. K.S.T. Kalmee P. Kariyawasam

Assistant Research Technologist

Food Technology Section

Qualifications

- M.Sc. Food and Nutrition: University of Peradeniya, Post Graduate Institute of Agriculture, (PGIA). **(Reading)**
- B.Sc. (Hons.) in Food Science and Technology (University of Peradeniya)

Contacts

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Specialized Fields

- Food Technology
- Food Nutrition
- Food Product Development

Interest Areas

- Food analysis
- R & D related to food processing
- Thermal process technology
- Food safety and quality
- Biochemistry

Publications

Journal Publications

- **K. P. Kariyawasam**, G. M. Somaratne, D. Roy, D. D. Silva, W.A.O.W Weththasinghe and D.W.N. Sandanika. 2024. Development of Two Types of Isotonic Beverages with Functional Attributes Using Natural and Synthetic Ingredients. Ceylon Journal of Science 53 (2) 2024: 183-192 DOI: <https://doi.org/10.4038/cjs.v53i2.8276>
- Haththotuwa Gamage Amal Sudaraka Samarasinghe, Sandarenu Dharmaprema, Udani Manodya, **Kalmee Pramoda Kariyawasam**, Udara Chandrajith Samaranayake. 2024. Exploring Impact of the Ultrasound and Combined Treatments on Food Quality: A Comprehensive Review. Turkish Journal of Agriculture - Food Science and Technology, 12(2): 349-365, 2024. DOI: <https://doi.org/10.24925/turjaf.v12i2.349-365.6478>

Conference Proceedings

- L.A. Wickramaarachchi, **K.P. Kariyawasam**, H.M.T. Herath and S. Wijesinghe 2024. Evaluation of Food Colour Regulations Persist in Sri Lanka with Comparison of the Global and Comparative Food Colour Regulations. Abstracts 2024, Proceedings of the Annual Scientific Sessions of the Nutrition Society of Sri Lanka. Jan 27, 2024.
- **K.P. Kariyawasam**, H.M.T. Herath 1, N. Gunasekara, A.G.S.K. Pushpakumara 2023. Physico-chemical, nutritional, antioxidant and sensory properties of Canistel Fruit (*Pouteria campechiana*) incorporated beverage. Abstracts 2023, ITI International Research Symposium – 6 th ITI Biennial Research Symposium. Nov 10, 2023.
- A. G. S. K. Pushpakumara, L. A. Wickramaarachchi, **K.P.Kariyawasam** and H.M.T. Herath, 2023. Comparative Study on Physico-Chemical and Properties of Purple Yam (*Dioscoreaalata L.*) Pudding Mix based on cow's milk and Coconut milk. Abstracts 2023, ITI International Research Symposium – 6 th ITI Biennial Research Symposium -2023. Nov 10, 2023.
- **K.P.Kariyawasam**, L. A. Wickramaarachchi and H.M.T. Herath 2023. Comparative nutritional status of starchy food staples in Sri Lanka. Abstracts 2023, Young Scientists' Conference on Multidisciplinary Research (YSCMR) 2023- international virtual conference. 9 th Nov 2023.
- L. A. Wickramaarachchi, **K.P.Kariyawasam** and H.M.T. Herath 2023. Relationship between Antioxidant activity and anticancer effect of edible plant extracts on MCF-7 breast cancer cells. Abstracts 2023, Young Scientists' Conference on Multidisciplinary Research (YSCMR) 2023- international virtual conference. 9 th Nov 2023.
- **Kariyawasam K.P.**, Somaratne G.M., Roy D., Silva D.D., Weththasinghe W.A.O.W. and Sandanika D.W.N. 2023. Coconut Water Based Isotonic Beverage Development and Physicochemical Evaluation. Abstract 2023, Peradeniya University International Research Sessions (iPURSE). Sep 20, 2023.
- Samarasinghe H.G.A.S., **Kariyawasam K.P.**, Samaranayake U.C. and Imali H.L.J. Reviewing the Potential Applications of Spent Hops in Promoting Health: A Remarkable Byproduct of the Brewing Industry. Abstract 2023, International Conference on Agriculture (AGRICO 2023), "Global Food Security: Stopping Crop Losses" Indonesia, Bali, Sept 18, 2023.
- **Kariyawasam K.P.**, Somaratne G.M., Roy D., Silva D.D., Weththasinghe W.A.O.W. and Sandanika D.W.N. 2023. Development of Functional Isotonic Beverages Using Synthetic and Natural Ingredients to Enhance the Performance of Athletes. Abstract 2023, International Conference on Applied Sciences Sabaragamuwa University of Sri Lanka. May 30, 2023. P: 28.
- **Kariyawasam K.S.T.K.P.**, Somaratne G.M., Roy D., Silva D.D., Weththasinghe W.A.O.W. and Sandanika D.W.N. 2022.

Development of Two types of Isotonic Beverages with Functional Attributes Using Natural and Synthetic Ingredients. Abstracts 2022, Faculty of Agriculture Undergraduate Research Symposium (FAuRS), University of Peradeniya, Sri Lanka. Dec 28, 2022. p: 183.

Communications

- **K.P. Kariyawasam**, H.M.T. Herath 1, N. Gunasekara, A.G.S.K. Pushpakumara 2023. Physico-chemical, nutritional, antioxidant and sensory properties of Canistel Fruit (*Pouteria campechiana*) incorporated beverage. ITI International Research Symposium – 6 th ITI Biennial Research Symposium. Nov 10, 2023.
- **K.P.Kariyawasam**, L. A. Wickramaarachchi and H.M.T. Herath 2023. Comparative nutritional status of starchy food staples in Sri Lanka. Young Scientists' Conference on Multidisciplinary Research (YSCMR) 2023- international virtual conference. 9 th Nov 2023.
- **Kariyawasam K.P.**, Somaratne G.M., Roy D., Silva D.D., Weththasinghe W.A.O.W. and Sandanika D.W.N. 2023. Coconut Water Based Isotonic Beverage Development and Physicochemical Evaluation. Peradeniya University International Research Sessions (iPURSE). Sep 20, 2023.
- Samarasinghe H.G.A.S., **Kariyawasam K.P.**, Samaranayake U.C. and Imali H.L.J. 2023. Reviewing the Potential Applications of Spent Hops in Promoting Health: A Remarkable Byproduct of the Brewing Industry., International Conference on Agriculture (AGRICO 2023), "Global Food Security: Stopping Crop Losses" Indonesia, Bali, Sept 18, 2023.
- **Kariyawasam K.P.**, Somaratne G.M., Roy D., Silva D.D., Weththasinghe W.A.O.W. and Sandanika D.W.N. 2023. Development of Functional Isotonic Beverages Using Synthetic and Natural Ingredients to Enhance the Performance of Athletes. International Conference on Applied Sciences Sabaragamuwa University of Sri Lanka. May 30, 2023.
- **Kariyawasam K.S.T.K.P.**, Somaratne G.M., Roy D., Silva D.D., Weththasinghe W.A.O.W. and Sandanika D.W.N. 2022. Development of Two types of Isotonic Beverages with Functional Attributes Using Natural and Synthetic Ingredients. Faculty of Agriculture Undergraduate Research Symposium (FAuRS),

	University of Peradeniya, Sri Lanka. Dec 28, 2020.
Major Projects Undertaken	<ul style="list-style-type: none">• Development of Nutritious and Healthy Food Corners for the Children/Adolescences• Investigating the Iron Content in Rice and Developing a Food Supplement with Improved Bio-Availability