



Ms. Dilini Jayawardana

Research Technologist

Food Technology Section

Qualifications	M.Sc in Applied Microbiology (University of Kelaniya) B.Sc. in Natural Sciences (The Open University of Sri Lanka.)
Contacts	Tel: +94112379800 (6156) Email: dilini@iti.lk
Specialized Fields	Food Microbiology
Interest Areas	Antimicrobial activity related to food commodities Microbial quality evaluation of foods, food product development Implementation and maintaining ISO 9001:2015 quality system
Publications & Communications	<ol style="list-style-type: none">1. Jayawardana TMDA, Hewajulige IGN and Abeygunawardena GASI (2018). Study on development of whey based mixed fruit puree incorporated probiotic beverage. Proceeding of Waymba International Conference-Winc 2018, Sri Lanka2. I.G.N.Hewajulige, R.C.Pitipanaarachchi, D.Priyangani, D.Jayawardhana, K.V.T.Gunawardena, A.A.G.Madurakanthi and P.Ratnayake (2018). Food preservation via irradiation technology to combat with climate change related food security. Proceeding of 2nd International Conference on Climate Change, Sri Lanka.3. R.C.Pitipanaarachchi, F.F.Mohomed, K.Aponso, D.Priyangani, D.Jayawardhana, A.A.G.Madurakanthi, P.Ratnayake, I.G.N.Hewajulige and M.A.J.Wansapala (2017). Development of Gamma Irradiated Ready to Eat Food to Use in Disaster Relief and emergency Condition. Proceeding of ITI Biennial Research Symposium, Sri Lanka.4. S.G.Walliwalla, A.B.G.C.J.DeSilva, P.N.R.J.Amunugoda, G.D.D.R.Jayasingha, K.A.S. Abeysekera,5. T.M.D.A.Jayawardana, I.M.Feranando (2015). Efficacy of microfiltration and thermal processing technologies for development of super health drinks. Proceeding of ITI Biennial Research Symposium, Sri Lanka.6. Divisekera D.M.W.D, De Silva A.B.G.C.J, Goonaratne. J, Jayawardana T.M.D.A. & Hewajulige I.G.N (2016) In vitro antimicrobial activity of <i>Pediococcus pentococcus</i> isolated from rice variety, Madathawalu. Proceedings of the Research Summit of National Science Foundation, Sri Lanka, p857. Divisekera, D.M.W.D, Gooneratne, J and Jayawardana, T.M.D.A (2014) Isolation, characterization and identification of lactic acid bacteria and yeasts from fermented organically

	grown rice and coconut milk. Proceeding of the international research conference of University of Peradeniya, Sri Lanka, p210
Major Projects Undertaken	<ul style="list-style-type: none">• Co-researcher – Development of technologies to utilize waste whey in local dairy bio-processing industries for the production of value added functional beverages.• Co-researcher- Establishment of a facility for thermal process validation of canned food and low moisture processed food operations in Sri Lanka