

CURRICULUM VITAE

Palitha C. Arampath

CONTACT INFORMATION

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Designation: Senior Lecturer (Gr. I)
Address: Department of Food Science & Technology
Faculty of Agriculture, University of Peradeniya
Peradeniya 20400, Sri Lanka.

School education: Dharmaraja College, Kandy

EDUCATION

- 1995 **M.Sc.** (Post-harvest & food process engineering), Very good pass.
Asian Institute of Technology, School of Environment, Resources and Development,
Bangkok 10501, Thailand. (www.ait.ac.th)
- 1992 **B.Sc. (Agric.)**, Honours, Second Class (Upper Division).
Faculty of Agriculture, University of Peradeniya, Sri Lanka.
https://developments.tekgeeks.net/agri_food_science/

RESEARCH INTERESTS

Agro-food raw materials processing
Novel food product development & value addition.
Processing effects on health beneficial compounds
Food hygiene and quality management
Eco-friendly food packaging

PROFESSIONAL EXPERIENCE

2001 – to-date	Senior Lecturer, Department of Food Science & Technology, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
1996 – 2001	Lecturer, Department of Food Science & Technology, Faculty of Livestock, Fisheries & Nutrition, Wayamba University, Makandura, Gonawila (NWP), Sri Lanka.
1993 – 1996	College Lecturer, NWP/Affiliated University College, Makandura, Gonawila (NWP), Sri Lanka, (in 2001, merged as WUSL)
1992	Academic Staff member (Temporary), Department of Food Science & Technology, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
2019 – to-date	Visiting Lecturer, Faculty of Technology, University of Jaffna, Sri Lanka.
2011-2012	Visiting Lecturer, Faculty of Allied Health Sciences, University of Peradeniya, Sri Lanka.
2004 - to-date	Visiting Lecturer, Board of Study of Food Science & Technology, Postgraduate Institute of Agriculture (PGIA), University of Peradeniya, Sri Lanka.
2011-2012	Visiting Lecturer, Dept. of Animal Science, Uva Wellassa University, Sri Lanka.
2010-2011	Visiting Lecturer, Regional Training Centre- Public Health Inspectors (PHI) at Kurunegala (NWP) and Kadugnnawa (Central province).

PROFESSIONAL SERVICES

2023	A member of the Technical Committee for Research selection and networking forum with investors, the Ministry of Industries, Sri Lanka.
2023	Volunteer Student councilor, Faculty of Agriculture, Faculty of Agriculture, University of Peradeniya, Sri Lanka.
2022-to-date	Member of the Board of Management, Postgraduate Institute of Agriculture (PGIA), University of Peradeniya, Sri Lanka.

2021 - to-date	Chairperson, Board of Study of Food Science & Technology, Postgraduate Institute of Agriculture , University of Peradeniya, Sri Lanka.
2020 –to-date	Member of the Codex Sub Committee of Spices & Culinary Herbs (CCSCH), National Codex contact point for Sri Lanka. Ministry of Health.
2020 – 2021	Co-controlling Examiner, GCE (A/L) examination in Biosystem Technology (66) – Practical Examination.
2020	Member, working Group Committee, GAP Standard for Cocoa, Nutmeg & Clove, Sri Lanka Standard Institution, Sri Lanka.
2018	Senior Treasurer, Society of Food Science & Technology, Faculty of Agriculture.
2018	A member of the Scientific Advisory Committee (SAC), the Tea Research Institute, Sri Lanka.
2016 – to-date	Program Coordinator /M.Sc. Program in Food Science & Technology, Postgraduate Institute of Agriculture, University of Peradeniya, Sri Lanka.
2016 – 2021	Secretary, Board of Study Food Science & Technology, Postgraduate Institute of Agriculture (PGIA). University of Peradeniya.
2015	Secretary, Faculty Research Committee, Faculty of Agriculture.
2015-2016	Senior Treasurers, the Buddhist Brotherhood Society, Faculty of Agriculture.
2015 (April)	Acting Dean/Faculty of Agriculture, University of Peradeniya.
2014 – 2016	Head / Dept. of Food Science & Technology , Faculty of Agriculture, University of Peradeniya, Sri Lanka.

RESEARCH ACTIVITIES AND CONSULTANCIES

2022-2023	Consultant, Packaging Sector. The project “Consultancy for Development and implementation of a Pilot Project on Management of Plastic Wastes in Fishing, Packaging and Microplastic Sectors” (funded by NORAD).
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- 2019- 2023 Person-in-Charge (PIC), Commercialization of Research Outcome of the Faculty of Agriculture, under the Accelerating Higher Education Expansion and Development (AHEAD), Innovation Commercialization Enhancement (ICE) grants.
- 2013-2016 Person-In-Charge (PIC), Activity – I , Quality Innovative Grant (QIG).
- 2017-2019 Processing and retention of bioactive compounds in tropical fruits Funded by the Council for Agricultural Research Policy (CARP), Sri Lanka, Grant No: CARP/12/682/512.
- 2004-2006` Quality improvement of Kitul (*Caryota urens*) products and SLS product quality certification for *Kitul* treacle & Jaggery based on the Sri Lanka Standards Institution (SLSI) product specifications, A collaborative project with the Export Development Board (EDB) Sri Lanka.
- 1999-2001 Cashew Research and Development project on Postharvest Technology Development of Cashew. The WUSL and the Sri Lanka Cashew Corporation project .

RESOURCE PERSON

- 2021 Workshop on HACCP based Food Safety Management Systems. Organized by the Industrial Service Bureau (ISB) Kurunegala.
- 2020 Training Program on Food Hygiene and Quality Assurance organized by the Industrial Service Bureau (ISB) Kurunegala.
- 2016 Technology transfer program on “Production of confectioneries to enhance the standards & quality of value added products”. Business initiation skills development for the recovered kidney patients attached to the Teaching Hospital, Kandy.
- 2014 Technology transfer program to enhance the quality standards of value added rice based products the International market. Funded by the Export Development Board (EDB) Sri Lanka.
- 2017-2019 Quality improvement program for the food service sector professionals, Colombo Municipal Council (CMC) and the United Nation Industrial Development Organization (UNIDO) collaborative program, Colombo, Sri Lanka.

- 2018-2019 Auditor in Crowns for Food Hygiene Project (Collaborative project with UNIDO, Colombo Municipal Council (CMC) & Ind-Expo Certification Ltd.)
- 2002 Meeting the Consumer Expectations Through HACCP and ISO 22000, Workshop organized by the Dept. of Food Science & technology, Faculty of Agriculture, University of Peradeniya.
- 2001 Workshop on freezing technology in food industries, organized by the National Science Foundation, Colombo.
- 2017 -to-date ISO 22000:2005, ISO22000:2018, (Weehena Farms, Dinemore Restaurants, V & J Industries), ISO 22000:2005 (Mount Lavinia Hotel Catering Service, BMICH) and FSSC 2000 (Weehena Farms).

PROFESSIONAL SOCIETIES

- The Nutrition Society of Sri Lanka (NSSL)
- The Alumnae Association of the Faculty of Agriculture, University of Peradeniya (AAFAUP).
- Asian Institute of Technology Alumnae Association (AITAA)
- The Sri Lanka Association for the Advancement of Science (SLAAS)

PROFESSIONAL WORKSHOPS/ ATTENDED (INTERNATIONAL)

- 2018 Training of Trainers on Quality Standards for Agricultural Products to Enhance Market Access. [10-14th Dec. 2018], Department of Small and Medium Enterprises Promotion (DOSMEP) and Lao National Productivity Organization (LNPO), Vientiane, Lao PDR.
- 2015 Soybean Production and Processing Technology and Capacity Building for Developing Countries in Asia and Africa. [1st – 21st July 2015], organized by Yuan Longping High-tech Agriculture Co. Ltd. Changsha, China.
- 2011 Seminar on Food Safety Management for developing Countries”, [23rd June - 20th July, 2011], organized by China National Research Institute of Food and Fermentation Industries Corporation Limited. Beijing, China.
- 2009 Design and Development of Computer Based Learning Materials, [09-20, Dec.2009) MANAGE, Hyderabad, India.
- 2009 Training on Building Skill on the Determination of the Overall Antioxidant Capacity of Thermally Treated Foods, Olsztyn, Poland. 26-30 January, 2009.
- 2008 Food Safety Management Systems Auditor/Lead Auditor Training Course (Based on ISO2000: 2005) conducted by Niger Bauer & Associates, UK.

- 2005 Management of Microbiological Hazard in Foods [8 – 22, April, 2005], Conducted by the Graduate School of the Wageningen University, the Netherlands.
- 2005 Techniques of Writing & Presenting a Scientific Paper [21-23, Feb, 2005], Conducted by the Graduate School of the Wageningen University, the Netherlands.
- 2005 Food Enzymology [16-18, Feb, 2005], Conducted by the Graduate School of the Wageningen University, the Netherlands.
- 2003 International Course on Food Industry & Agribusiness, [15th Sept. – 29th Nov.2003], The International Agricultural Centre (IAC), Wageningen University, The Netherlands.

PROFESSIONAL COURSES/ WORKSHOPS/TRAINING PROGRAMS TTENDED (LOCAL)

- 2022 Short course on ISO14001 – Environmental management Systems conducted by the Centre for Environmental Studies, the University of Peradeniya.
- 2019 Achieving Leadership in Food Safety through Participation in Codex Process, 25-26th Feb. 2019, organized by the Directorate of Environmental, Occupational Health and Food Safety, Ministry of Health, Nutrition & Indigenous Medicine, Colombo.
- 2011 Capacity Building in Cleaner Production for University Academics, organized by National Cleaner Production Centre (NCPC), 26 th 30th Sept, 2011.
- 2010 e-learning Course on Good Agricultural Practices & GLOBALGAP for Greater Market Access for Agri-food Products, organized by National Productivity Secretariat, Sri Lanka collaboration with the Asian Productivity Organization (APO).
- 2010 Food Safety Management System ISO22000:2005 for Auditors / Lead Auditors, organized by National Productivity Secretariat, Sri Lanka collaboration with the Asian Productivity Organization (APO).
- 2008 Introduction to GLOBALGAP , Organized by the UNIDO in Association with Ind-Expo Certification (Pvt) Ltd.
- 2008 Food Safety Management for Manufacturing (Level 4) examination conducted by the Chartered Institute of Environmental Health, UK [qualified examination for CIEH level- I accredited trainers].
- 2004 Training Course on Quality Assurance Auditor/Lead Auditor and Examination based on ISO 9001:2000 (IRCA-UK Certified) Conducted by the Moody International (Sri Lanka) Ltd.

- 2001 Design and analysis of experiments, organized by the board of study of Biometry, Post-graduate Institute of Agriculture (PGIA).
- 2000 New frontiers for the spice and essential oil industry in the new millennium, organized by the SLAAS (Sec. D & E2, the staff members of the University of Kalaniya.
- 2000 Seminar on Food Hygiene conducted by the Sri Lanka Standards Institution, Colombo.
- 1997 Certificate course in Seafood Hazards Analysis and Critical Control Points, Organized by Sri Lanka Export Development Board, with the support of INFOFISH, U.S. Agency for International Development & U.S. Development of Agriculture.
- 1996 Certificate Course in Food Packaging, conducted by the National Packaging Centre, Colombo.
- 1996 Quality assurance in education sector, Organized by the Sri Lanka Standards Institution, Colombo.
- 2005 Computer Graphics & Animations, Organized by the Computer Technology Center, University of Peradeniya, Sri Lanka
- 1990 Technology transfer workshop on Jack fruit processing, organized by the Technical Services Division of the Industrial Development Board.
- 1998 Intensive Training on Dairy Processing organized by AgEnt and Sri Lanka Food Processors Association (SLFPA).
- 1996 Post-harvest Management for the Fruit & Vegetable Industry, Conducted by the Ceylon Institute of Scientific & Industrial Research (CISIR).
- 1996 The Teaching Methods Workshop, conducted by the Teaching Methodology Unit, Faculty of Agriculture, University of Peradeniya.

RESEARCH PUBLICATIONS

Sobini N, Arampath PC, Anuluxshy B, Srivijeindran S. Development and characterization of Palmyrah (*Borassus flabellifer* L.) tuber starch incorporated biodegradable packaging film. *J Food Agric.* 2022;15(2):47-60. doi:10.4038/jfa.v15i2.5273.

Sewwandi SDC, Arampath PC. Preparation of trans fat-free bakery margarine with rice bran oil and palm stearin (2022), world. *J Food Sci Technol.* 2022;6(2):31-38. doi:10.11648/j.wjfst.20220602.12.

Wimanshinee A, Shamika DGH, Arampath PC 2021. Biofunctional Stirred Yoghurt Production Using Mangosteen (*Garcinia mangostana* L.) Peel Powder Extract, The 2nd Faculty Annual Research Session Faculty of Applied Science University of Vavuniya, Sri Lanka, September 15, 2021.

Sewwandi SDC, Arampath PC, Silva ABG, Jayatissa R. Determination and comparative study of sugars and synthetic colorants in commercial branded fruit juice products. *J Food Qual.* 2020;2020:1-11. doi:10.1155/2020/7406506.

Jayasundara NDB, Arampath PC. Effect of variety, location and maturity stage at harvesting, on essential oil chemical composition, and weight yield of *Zingiber officinale* roscoe grown in Sri Lanka. *Heliyon.* 2021;7(3):e06560. doi:10.1016/j.heliyon.2021.e06560.

Arampath PC, Dekker M, Dharmasena DAN. Occurrence of bioactive health promoting compounds in commercial products of mango, pineapple and wood apple in Sri Lanka. *Trop Agric Res.* 2021;32(2):243. doi:10.4038/tar.v32i2.8471.

Uduwerella IA, Arampath PC, Mudannayake DC. Physicochemical and functional properties of pumpkin seed flour of *Cucurbita maxima* and *Cucurbita moschata* species. *Trop Agric Res.* 2021;32(2):201. doi:10.4038/tar.v32i2.8467.

Lakmali HDS, Arampath PC. Development of jackfruit (*Artocarpus heterophyllus*) bulb and seed flour-based pasta. *J Dry Zone Agric.* 2021;7(2):97-113. doi:10.4038/jdza.v7i2.30.

Arampath PC, Dekker M. Thermal effect, diffusion, and leaching of health-promoting phytochemicals in commercial canning process of mango (*Mangifera indica* L.) and pineapple (*Ananas comosus* L.). *Foods.* 2020;10(1):10-46. doi:10.3390/foods10010046.

Maathumai S, Kapilan R, Arampath P. Tenderizing ability of *Bryophyllum pinnatum* Leaf extract in comparison to papain and bromelain on goat meat. *J Dry Zone Agric.* 2020;6(1):100-114.

Arampath PC, Dekker M. Thermal effect, diffusion, and leaching of health-promoting phytochemicals in commercial canning process of mango (*Mangifera indica* L.) and pineapple (*Ananas comosus* L.). *J Sci Food Agric.* 2019;99(11):5157-5167. doi:10.1002/jsfa.9762.

Bandara PPGSP, Arampath PC. Development of French bread using flour formulations with wheat, rice and locally available legumes, and evaluation of its sensory and nutritional properties. *Trop Agric Res.* 2020;31(3):25-36. doi:10.4038/tar.v31i3.8394.

Nizam N, Arampath PC. Development of Olu (*Nymphaea pubescens* Willd.) seed flour incorporated cookies and determination of organoleptic properties. *Trop Agric Res.* 2016;27(4):420-426. doi:10.4038/tar.v27i4.8218.

Madarasinghe S, Arampath P. Compositional analysis of tropical almond (*Terminalia catappa* L.) and development of a non-dairy milk product. In: Proceedings of the Peradeniya University International Research Sessions, Sri Lanka, 2016:20(9).

Rajapaksha U, Arampath PC. Analysis of physicochemical properties of Olu (*Nymphaea pubescens* Willd.) seeds and production of Olu seed-incorporated snack bars. In: Proceedings of the Peradeniya University International Research Sessions, Sri Lanka, 2016:20(89).

Abeyrathne RGCK, Induruwa IVADCS, Arampath P.C., Wimalasiri KMS. In: Marambe B, ed. Proceedings of the Annual Symposium on Minor Export Crops; vol 03. Peradeniya, Sri Lanka; 2015. Development of green Coffee (*Coffea* spp.) powder and spice blended green coffee powder:105-113, 13-14 September 2015.

Abeyrathne RGCK, Arampath PC, Wimalasiri KMS, Induruwa IVADCS. Development of Green Coffee and Spice-Blended Green Coffee Powders. Proceedings of the Peradeniya Univ International Research Sessions, Sri Lanka, 2014:18.

Malkanathi HHA, Arampath PC, Jayasinghe P. Development of soy protein fortified fish sticks from tilapia. J Natl Aquat Resour Res Dev Agency. 2012.

Yalegama L, Ambigaipalan P, Arampath PC. Physico-chemical and shelf life evaluation of pasteurized coconut milk. Indian Coconut Journal. 2009;18.

Jayarathne US, Arampath PC, Premasiri PFS. Development and quality evaluation of a protein enriched instant noodle. Trop Agric Res. 2006;0.

Nugrahedhi PY, Arampath PC, Dekker M. Stability of β -Carotene and Colour of Gelled Mango Puree as Affected by Processing and Storage Conditions. Yogyakarta, Indonesia; 2006.

Bentharaarchchi SD, Arampath PC, Tilakerathne BMKS. Development of dehydrated vegetable and cereal based nutritious soup mixture. In: Proceedings of the 59th Annual Session, Part i Sri Lanka Association for the Advancement of Science (SLAAS); 2003.

Wickramaarachchi AP, Arampath PC, Siriwardana TWD. Production of dehydrated scraped coconut and spray dried milk powder. In: Proceedings of the 59th Annual Session, Part i Sri Lanka Association for the Advancement of Science (SLAAS); 2003.

Sabaragamuwa RS, Arampath PC, Tilakerathne BMSK. Production of Minimally Processed Fruit Chunks of Mango, Pineapple and Papaya. Proceedings of the 59th Annual Session; part I. Sri Lanka Association for the Advancement of Science (SLAAS); 2003.

Kulasekara KMP, Arampath PC, Samarakoon T. Development of Iramusu (*Hemidesmus indicus*) herbal syrup. In: Proceedings of the 59th Annual Session, Part i Sri Lanka Association for the Advancement of Science (SLAAS); 2003.

Wickramarathna GL, Arampath PC. Utilization of okara in bread making. *Ceylon J Sci (Biol Sci)*. 2003;31:29-33.

Thushani W, Ariyawansa KWS, Arampath PC. Recovering ability of freeze-stressed *Salmonella typhimurium* and *Staphylococcus aureus* cells in frozen shrimp. *Ceylon J Sci (Biol Sci)*. 2003;31:63-69.

Gunasekara SN, Arampath PC. Processing of star fruit (*Averrhoa carambola* L.). In: *Proceedings of the Agricultural Research Symposium*. Wayamba University of Sri Lanka; 2001:163-171.

Nayakarathne ND, Arampath PC. Processing and preservation techniques of baby corn (*Zea mays*). In: *Proceedings of the Agricultural Research Symposium*. Wayamba University of Sri Lanka; 2001:145-152.

Rodrigo BJLS, Gunethilake HAWS, Arampath PC. A wax coating machine for mango. *Proceedings of the 54th Annual Session, Part i Sri Lanka Association for the Advancement of Science (SLAAS)*. 1998;127.

Kalyani VI, Arampath PC, Namarathne SB, Fonseka TSG. Qualitative and quantitative losses of coffee beans seeds during processing and storage. In: *Proceedings of the 54th Annual Session; part I*. Sri Lanka Association for the Advancement of Science (SLAAS); 1998:111.

Jyasinghe SPS, Arampath PC, Fonseka TSG, Jayasinghe U. Kernel pretreatment for the extension of surge tank storage in desiccated coconut production. In: *Proceedings of the 54th Annual Session; part I*. Sri Lanka Association for the Advancement of Science (SLAAS); 1998:111.

Arampath PC. A study on physio-chemical changes in calcium carbide treated mango variety Kaew. In: *Proceedings of the 53rd Annual Session; part I*. Sri Lanka Association for the Advancement of Science (SLAAS); 1997:109.

Arampath PC, Vincent J. Production of clarified, concentrated juice from mango variety Kaew. *Trop Agric Res*. 1997;9:49-61.

Rasaiah R, Arampath PC, Wijesinghe NG. Food consumption pattern and nutritional status of undergraduate students in the faculty of agriculture. In: *Proceedings of the 49th Annual Session; part I*. Sri Lanka Association for the Advancement of Science (SLAAS); 1993:98.