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# Jagath Chaminda Edirisinghe

Dean | Faculty of Agriculture and Plantation Management  
Professor | Department of Agribusiness Management



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## About

**Full Name:** Jagath Chaminda Edirisinghe

**Date of Birth:** 19 June 1970

**Civil Status:** Married

**Address:** 31/6, Pamunuwila Road, Makola South, Makola, Sri Lanka

Tel: 0712920578 (Mobile) / 0112914944 (Residence)

E-mail: [jagathed07@gmail.com](mailto:jagathed07@gmail.com)

## Present Employment

### Dean

Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka, Makandura, Gonawila (NWP), Sri Lanka

Email: [deanfapm@wyb.ac.lk](mailto:deanfapm@wyb.ac.lk); [jagath@wyb.ac.lk](mailto:jagath@wyb.ac.lk)

Tel: 031 2299246 Fax: 031 2299246

### Professor in Agribusiness Management

Department of Agribusiness Management, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka, Makandura, Gonawila [NWP], Sri Lanka

## Education

**Primary and Secondary:** Nalanda College, Colombo 10, Sri Lanka

**Bachelors:** BSc Agriculture (Second Class Upper), University of Peradeniya, Sri Lanka

**Masters:** MPhil in Agricultural Economics, Postgraduate Institute of Agriculture, Sri Lanka

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Thesis Title: An Examination of Profit Inefficiency of Smallholder Rubber Producers in Sri Lanka

**Doctoral:** Agricultural and Food Economics, University of Reading, UK

Thesis Title: Technology Adoption, Efficiency and Market Access of Smallholder Dairy Producers in Sri Lanka: A Bayesian Perspective

### Other Qualifications/Training

- *The PIM International Programme on Management* March 25 – April 01 2018 in Thailand organized by the Postgraduate Institute of Management [PIM].
- *Workshop on Evaluation Methods for Savings and Payments Research* organised by Innovation for Poverty Action (IPA) at the Institute of Policy Studies, Conducted by Yale University, Sri Lanka from 10-13 September, 2012
- *Policy Analysis for Environmental Economics* organised by the South Asian Network for Development and Environmental Economics at AIT Conference Centre, Thailand from 22nd to 24th May 2011
- *Basic course on Environmental and Natural Resource Economics*. South Asian Network for Environmental and Natural Resource Economics, (SANDEE) Bangalore, India 22-26 July, 2005
- *Advanced Econometrics: Dummy Dependent Variables, Survey Design and Evaluation Methods*. SANDEE, July 3-7, 2007 Kathmandu, Nepal
- *Research & Training workshops*. SANDEE in India, Thailand, Nepal and Bhutan
- *Participatory Rural Appraisal*. The Institute for Participatory Interaction and Development, Sri Lanka 29 May to 4th June, 2002.
- Certificate Course on Staff Development – Staff Development Center – Wayamba University of Sri Lanka
- *Licentiate Examination – Part I* – The Institute of Chartered Accountants of Sri Lanka
- International English Language Teaching System [IELTS] – 7.5

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## Awards Received

- **‘PRESIDENTIAL AWARDS FOR SCIENTIFIC RESEARCH - 2015’** – Presidential Secretariat, National Research Council, Ministry of Technology and Research of Sri Lanka
- **COMMONWEALTH SCHOLARSHIP**, Commonwealth Commission, United Kingdom
- **BEST PAPER AWARD - 2014:** International Research Conference-2014 organized by General Sir John Kotelawala Defense University for Analysis of the Household Demand for Dairy Products in Sri Lanka: An Almost Ideal Estimation with a Censored Regression.
- **RESEARCH & TRAINING AWARDS:**
  - Research and Training workshop in Thimpu, Bhutan, 16-20 June 2014
  - Research and Training workshop in Kathmandu, Nepal, 10-14 December 2013
  - Research and Training workshop in Thailand, 19-23 June 2013
  - Research and Training workshop in Kathmandu, Nepal, 12-15 December 2012
  - Research and Training workshop in AIT, Thailand, 22-24 May 2011
  - Research and Training workshop in Kathmandu, Nepal, 8-12 July 2007
  - Advance Econometrics Training workshop in Kathmandu, Nepal, 3-7 July 2007
  - Research and Training workshop in Bangkok, Thailand, 12 June-1 July 2006
  - Basic course on Environmental and Natural Resource Economics. Bangalore, India 22-26 July, 2005
  - Research and Training workshop in Bangalore, India, 01-22 July 2005

## Experience

**Acting Vice Chancellor** – (June – September 2022) | Wayamba University of Sri Lanka

**Dean** – (2020 - to date) | Faculty of Agriculture and Plantation Management

**Head of the Department** (2017-2020)| Department of Agribusiness Management

**Agricultural Economist** (2001 – 2005) | Rubber Research Institute of Sri Lanka [RRISL]

**Assistant Manager** (1998 – 2001)| ABC Group of Companies, Sri Lanka

**Temporary Tutor** (1998 – 1998) | University of Peradeniya, Sri Lanka

## Professional Career – Invited Expert

- **Permanent Member** – *National Committee for Socio Economic Development – Sri Lanka Agricultural Research Policy [SLCARP]*.

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- **Member of Council** – *Wayamba University of Sri Lanka*
  - **Member of Board of Management** – *Postgraduate Institute of Agriculture*
  - **Cashew Research Management Committee** – *Sri Lanka Cashew Corporation*
  - **Member of Executive Committee** – *Wayamba International Conference*
  - **Consultant Economist:** *Mid Term Evaluation Climate Resilience Multi-Phase Programmatic Approach (CResMPA) – World Bank – 2025*
  - **Chief Consultant:** *Policy Research on Fruits, Vegetables And other High-Value Crop Sectors to Improve Value Chain of the Potential Crops for the Export Markets Under the Agriculture Sector Modernization Project (ASMP) In Sri Lanka Funded by the World Bank - 2024*
  - **Agricultural Economist:** *RiceUp Protecting smallholder farmer livelihoods through safe and efficient use of fertilizer and quality seed for better productivity in paddy farming – Final evaluation – FAO - 2024*
  - **Agricultural Economist:** *Stocktaking study on technologies, practices, and strategies promoted by the Smallholder Tea and Rubber Revitalization Project (STaRRP) for tea replanting and rubber new planting to ensure adaptability, economic viability and livelihood improvement of tea and rubber smallholders - Ministry of Plantation Industries Funded by International Fund for Agriculture Development (IFAD) - 2023*
  - **Consultant:** *Chrysalis - Baseline Survey-Empowering Sri Lanka's Tea Plantation Communities Project, 2020*
  - **Consultant:** *International Water Management Institute [IWMI]: Farmer Preferences of fecal sludge based fertilizer [FertiFer] in Sri Lanka – 2018 – Nuwara Eliya*
  - **Chief Consultant-** *Rapid Vulnerability Assessment on Food Security in 9 districts (Mannar, Mullaitivu, Puttalam, Polonnaruwa, Ampara, Batticaloa, Moneragala, Kurunegala and Killinochchi) in Sri Lanka for World Vision, CARE Sri Lanka, ZOA, and Save the Children Foundation - 2015*
  - **Chief Consultant-** *Evaluation of the Berendina Employment Center (GTE) Ltd. In Kegalle and Matara Districts - 2015*
  - **Chief Consultant-** *CARE Sri Lanka- Final Evaluation of Flood Recovery Program in Batticaloa, Ampara and Polonnaruwa Districts - 2014*
  - **Chief Consultant-** *Impact Assessment of Livelihood Development Interventions of Berendina Development Services at Yatiyantota, Sri Lanka - 2013*

## Experience in Teaching

- Professor in Agribusiness Management | Wayamba University of Sri Lanka (2016 – to date)
- Senior Lecturer | Wayamba University of Sri Lanka (2010 – 2016)
- Lecturer | Wayamba University of Sri Lanka (2005 – 2010)
- Visiting Lecturer | Postgraduate Institute of Agriculture
- Visiting Lecturer | Faculty of Graduate Studies, University of Colombo
- Sessional Lecturer (2009-2010)| University of Reading, UK

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- Visiting Lecturer | University of Kelaniya
  - Visiting Lecturer | University of Sri Jayawardanapura
  - Visiting Lecturer | Rajarata University of Sri Lanka
  - Visiting Lecturer | Sabaragamuwa University of Sri Lanka
  - Visiting Lecturer | ICBT Campus Kurunegala
  - Visiting Lecturer | Aquinas College of Higher Studies

I have taught in many universities on their invitation, both at undergraduate and postgraduate level. The courses taught are as below.

### **Postgraduate- M.Sc., MPhil and PhD Degrees**

1. Post Graduate Institute of Agriculture (PGIA) – MSc.
  - EC 5202 – Econometrics I (2011 –2015)
2. Faculty of Graduate Studies – University of Colombo
  - PGDEM 5308 – Environmental Valuation
3. Wayamba University of Sri Lanka - MAETM
  - MAS-AB 71013 - Agri-Food Supply Chain Management
  - MAS-AB 71033 - Advance Trade Policy Analysis
  - MAS-AB-72012 - Applied Demand and Market Analysis
  - MAS-AB-72022 - Modern Marketing Strategy for Agri-food Businesses
4. University of Kelaniya - MSc Food & Nutrition
  - Agricultural Economics
5. University of Sri Jayewardenepura – MSc in Food Science
  - Food Industrial Economics
- 6 AIMS Higher Education Institute, Colombo -PhD
  - Research Methodology
7. ICBT Campus - MBA
  - MBA7023 - Project Management Theory and Practice
8. Action Valley Campus, Kurunegala - MBA
  - Managerial Economics

### **Undergraduate-BSc. Degrees**

1. Faculty of Agriculture & Plantation Mgt., Wayamba University of Sri Lanka

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BSc. Agriculture (Internal)

- AB 12042 Principles of Agricultural Marketing
- AB 32242 International Trade and Business
- AB 31132 Managerial and Business Economics

BSc. Plantation Management (External)

- XPM 3242 International Trade
- XPM Marketing of Agricultural Products and Prices

2. Faculty of Livestock, Fisheries and Nutrition

- LFN 3222 Organizational Management -

3. School of Economics, University of Reading, UK

- Economics for Managers – 2009-2010

4. University of Kelaniya, Department of Zoology, Faculty of Science

- ENCM 21043 Environmental Economics -2014, 2015, 2018

5. University of Sri Jayawardhenapura, Department of Forestry

- ECN 202 2.0 – Industrial Economics – 2014, 2015, 2016
- ECN 302 2.0 – Agricultural Economics – 2015, 2016
- ECN 104 2.0 – Environmental Economics - 2015
- ECN 303 2.0 – Advanced Econometrics – 2015-2020
- ASP 474 2.0 - International Economics – 2016
- ASP 472 2.0 - Advanced Economic Modelling – 2016 -2020

6. Faculty of Agriculture, Rajarata University of Sri Lanka

- AS 4103 Agricultural Project Analysis -2012
- AS 3206 Intermediate Economic Theory -2013
- AS 3208 International Trade -2014

7. Faculty of Social Sciences & Humanities, Rajarata University of Sri Lanka

- ECON 1233 Resource Economics – 2006-2007
- ECON 2213 Production Economics- 2006

8. Sabaragamuwa University of Sri Lanka

- AB 3219 Production Economics – 2002

9. Sanasa Campus Limited - B.Sc. Insurance and Risk Management 2016-2107

- International Trade and Insurance

10. Aquinas College of Higher Studies - B.Sc. (Hons.) in Agro Industry Management

- AIM/AM 12022 Principles of Macro Economics
- AIM/AM 32012 Agricultural and Food Marketing

**OTHER – Diploma / Certificate**

- ❑ Sri Lanka Standards Institution (SLSI)
  - Diploma in Food Quality Assurance -Economics of Food Quality Assurance-2015
- ❑ Wayamba University of Sri Lanka – Diploma in Food Business & Marketing
  - DFBM 13 – Principles of Food Marketing
  - DFBM 22 – Economics for Food Business
  - DFBM 23 – Production and Operations Management
  - DFBM 41 – Entrepreneurship in Food Industry
  - DFBM 42 – Customer Relationship & Marketing Management
  - DFBM 43 – Contemporary Issues in Food Business Management
  - DFBM 44 – Professional Skills Development II
  - DFBM 51 – Business Project – Portfolio Development

## Teaching Materials Developed

- ❑ **B.Sc. (Plantation Management) External Degree Program (FAPM and NIPM)**
  - *“Agricultural Marketing and Prices”*
  - *“International Trade and Business”*
- ❑ **For the B.Sc. (Agriculture) Degree Program (FAPM)**
  - *“Marketing of Agricultural Products”.*
  - *“Marketing Management”.*
  - *“Model Questions – Principles of Agricultural Marketing”.*

## Professional Services

- **Chief Editor**, Applied Economics & Business – Department of Agribusiness Management, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka

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- **Editor**, Rising with Agriculture: Challenges and New Perspectives, Published by: Center for Agri-Science Publications, Faculty of Agriculture and Plantation Management, ISBN 978-624-5564-96-5
  - **Editor**, Applied Bio-systems Technology – Department of Bio-System Engineering, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka
  - **Editor**, Food and Agriculture – Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka
  - **Editor** – Proceedings of the Agricultural Research Symposium [AGRES], Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka
  - **Editor** – Policy Briefs of Agribusiness Research. Published by Center for Agribusiness Studies, Faculty of Agriculture and Plantation Management. ISBN 978-955-7442-22-8
  - **Editor** – Book of Abstracts. Seventh Annual Research Forum, Sri Lanka Agricultural Economics Association (SAEA). Theme: Investments in Agriculture: Innovation for sustainability and prosperity, 20<sup>th</sup> December 2013. University of Peradeniya, Sri Lanka
  - **Editor** – Book of Abstracts. The First In-plant Training Symposium. Department of Agribusiness Management, Wayamba University of Sri Lanka. 2006
  - **Senior Student Counsellor**, Wayamba University of Sri Lanka
  - **Student Counsellor**, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka
  - **Course Director**- Diploma in Food Business and Marketing, Faculty of Agriculture and Plantation Management from 01st November 2011
  - **Deputy Proctor**, Wayamba University of Sri Lanka (2013)
  - **Coordinator** for Staff Development Activities for the Faculty of Agriculture and Plantation Management from 20th January 2011
  - **Secretary**, Sri Lanka Agricultural Economists Association (SAEA)-2012/2013
  - **Senior Treasurer**, Students Union Faculty of Agriculture and Plantation Management (2006)
  - **Reviewer**, Journal of Agricultural Sciences – Sabaragamuwa University
  - **Reviewer**, Journal of Environmental Professionals of Sri Lanka
  - **Reviewer**, Agricultural Economics – Journal of the International Association of Agricultural Economists
  - **Reviewer**, Journal of Agriculture and Environment for International Development- University of Florence, Italy
  - **Reviewer**, Journal of National Aquatic Resources Agency (NARA)
  - **Reviewer**, WILDLANKA – Journal of the Department of Wildlife Conservation
  - **Reviewer**, Journal of Insurance – Department of Insurance and Valuation, Wayamba University of Sri Lanka
  - **Reviewer**, Journal of Food and Agriculture – Wayamba University of Sri Lanka
  - **Reviewer**, National Symposium on Sustainable Plantation Management [NSSPM-2020]
  - **Reviewer**, Sri Lanka Economic Research Conference [SLERC] 2019
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- **Reviewer**, Wayamba Conference in Management – 2020
  - **Reviewer**, 6<sup>th</sup> International Conference of Sabaragamuwa University
  - **Reviewer**, Annual Congress, Postgraduate Institute of Agriculture [PGIA], University of Peradeniya
  - **Reviewer**, Annual Research Symposium – Faculty of Graduate Studies, University of Colombo
  - **Reviewer**, Symposium of the Young Scientists Forum – National Science and Technology Commission
  - **Reviewer**, In-Plant Training Symposium – Department of Agribusiness Management, Faculty of Agriculture and Plantation Management
  - **Reviewer**, Section B – Sri Lanka Association for Advancement of Science

### Resource Person for Institutional & Capacity Development

- **Member of external review panel**: to review the Socio-Economics and Planning Centre, Department of Agriculture
- **Short Course** on Planning and Writing Grant Proposals, Sri Lanka Association for Advancement of Science [SLAAS-Section F]
- **Professional Diploma** in Economics for Business, Sri Lanka Economic Association (SLEA)
- **Staff Development Program**- Wayamba University of Sri Lanka 01 March, 2013
- **Staff Development Program**- Wayamba University of Sri Lanka 08th November, 2013
- **Staff Development Program**- “SPSS Workshop” - Wayamba University of Sri Lanka 01/07/2006-31/07/2006
- **Professional Diploma in Teaching and Methodology**- Staff Development Center- Wayamba University, 1 March-30 Sept 2013
- **Professional Diploma in Teaching and Methodology** - Staff Development Center- Wayamba University 15 Nov 2013-30 April 2014
- **Diploma in Food Quality Assurance** - Sri Lanka Standards Institution 23 November, 2014
- **Seminar Series** on "Research Methodology" Department of Accountancy-Wayamba University 20th May 2015
- **Research Methodology** University of Kelaniya 16th December, 2015
- **Economics**, Diploma in Insurance-Wayamba University 9th January to 9th July 2011
- **Resource Person** in ‘Social Business Workshop’ Berendina Employment Center 24th April 2015
- **Subject Specialist** – Agricultural Marketing Information System in the Development of Wiki-Planter under HETC/WUSL/UDG/EDP grant
- **Panel member** – Review panel of Economics and Management of the 3<sup>rd</sup> Annual Research Symposium – Rajarata University of Sri Lanka

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- **Panel Member** – Technical Session on Entrepreneurial Agriculture, 6<sup>th</sup> Research Symposium, Uwa Wellassa University
  - **Technical Session Chair** – Wayamba International Conference – Wayamba University of Sri Lanka
  - **Member**, Presentation Evaluation Panel, Symposium of the Young Scientists Forum-National Science and Technology Commission
  - **Coordinator**, 13<sup>th</sup> Agricultural Research Symposium – Faculty of Agriculture and Plantation Management
  - **Member of the Evaluation Panel** – 25<sup>th</sup> Annual Congress of the Postgraduate Institute of Agriculture, University of Peradeniya
  - **Expert Evaluation of Merit Promotion to Professor** – Dr. D. V. P. Prasada – Department of Agricultural Economics and Business Management, Faculty of Agriculture, University of Peradeniya
  - **Expert Evaluation of Merit Promotion to Professor** – Dr. H. S. R. Rosairo – Department of Agribusiness Management, Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka
  - **UGC Nominee for Selection Committee** – Post of Professor – Dr. (Mrs.) W. N. De Silva – Department of Agricultural Economics, Faculty of Agriculture, University of Ruhuna
  - **UGC Nominee for Selection Committee** – Post of Professor – Dr. G. A. S. Ginigaddara – Department of Agricultural Systems, Faculty of Agriculture, Rajarata University of Sri Lanka
  - **Member of Selection Panel** – Post of Professor – Dr. J. M. J. K. Jayasinghe, Department of Food Science & Technology, University of Sri Jayawardenapura
  - **External Examiner on PhD Thesis** – Mr. G.N. Chandrasiri – Faculty of Graduate Studies, University of Sri Jayawardenapura
  - **External Examiner on MPhil Thesis** – Mr. N. P. G. Samantha – Postgraduate Institute of Agriculture, University of Peradeniya
  - **External Examiner on MPhil Thesis** – Ms. S. Krishnal – Postgraduate Institute of Agriculture, University of Peradeniya
  - **External Examiner on MSc Thesis** – Ms. H. M. L. P. Karunaratne – Faculty of Graduate Studies, University of Colombo
  - **External Evaluator** – Terminal Reports of the Treasury Funded Research in National Agricultural Research Plant [NARP] – Sri Lanka Council for Agricultural Research Policy
  - **Evaluation of Research Projects under University Research Grants** – University of Sri Jayewardenepura

## Curriculum Development

I have been involved with revising the existing and/or introducing new curriculum for the undergraduate degree programs/technical courses as follows:

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- Contribution to develop the new curriculum of the National Youth Corps, Ministry of Youth Affairs and Skills Development
  - Contribution to revise the curriculum of the Plantation Management, External Degree Program, Wayamba University of Sri Lanka
    - Course Editor XPM 1211 Principles of Economics
    - Course Editor XPM 1213 Principles of Marketing
    - Course Editor XPM 1107 Fundamentals of Management
  - Contribution to develop new curriculum of the Department of Food Science and Technology, Faculty of Livestock Fisheries and Nutrition, Wayamba University of Sri Lanka
  - Invited participant to the stakeholder workshop conducted by the Faculty of Management of the Uwa Wellassa University on Entrepreneurship and Management Degree Program
  - Expert assistance in curriculum revision process: Environmental Sciences and Natural Resource Management Degree Program in the Faculty of Applied Sciences of Sabaragamuwa University of Sri Lanka
  - Expert assistance – Subject Evaluation – 2018 in curriculum revision – Department of Accountancy, Faculty of Business Studies and Finance, Wayamba University of Sri Lanka

## Research Profile

### Research Grants

- 1. National Thematic Research Program on Climate Change & Natural Disasters: Assessment of Spatial Impacts of Climate Change (Geographic Economic and Social Vulnerability) on the Plantation Sector in Sri Lanka**  
Funds: National Science Foundation [NSF] (2017-2019)
- 2. Farmer Perceptions and Economics of Technology Adoption in The Smallholder Rubber Sector in Sri Lanka**  
Funds: Wayamba University of Sri Lanka (2019-2021)
- 3. Development of Web Based Bayesian Belief Network to Classify Plant Diseases**  
Funds: Wayamba University of Sri Lanka (2015-2017)
- 4. Distributional Impacts of Climate Change on Smallholder Agriculture in Sri Lanka.**  
Funds: South Asian Network for Development and Environmental Economics (SANDEE), Nepal, 2012
- 5. Farmers' Valuation of Agrobiodiversity in Home Gardens: A Case Study in Kurunegala District.**

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Funds: Ministry of Environment and Renewable Energy, 2014

**6. Policy Options to Enhance Production of Number One Rubber Grades by Smallholder Rubber Farmers: Kalutara District**

Funds: National Science Foundation (NSF) Sri Lanka 2011

**7. Profit inefficiency of smallholder rubber farmers: Kegalla, Ratnapura and Kalutara**

Funds: Council for Agricultural Research Policy (CARP), Sri Lanka 2006

**8. Taxing the pollution: A case for reducing the environmental impacts of rubber production in Sri Lanka:**

Funds: South Asian Network for Development and Environmental Economics (SANDEE), Nepal, 2005

**9. Changing rates of interest, prices and the cost to the climate with special reference to rubber cultivation**

Funds: Ministry of Environment and Natural Resources - 2003

**10. An Integrated Approach to Improve the Socio-Economic & Environmental Sustainability of Intensive Agricultural Systems with Special Reference to Kalpitiya Peninsula**

Funds: Accelerating Higher Education Expansion and Development (AHEAD)-World Bank - 2019

**11. Enriching Learning, Teaching, Assessment and English Language Skills Enhancement (ELTA-ELSE) Development**

Funds: Accelerating Higher Education Expansion and Development (AHEAD)-World Bank - 2018

**12. An Economic Assessment of Firms' Realization on the Intended Benefits of Adoption of Food Quality Metasystems in the Agri-Food Processing Sector in Sri Lanka:**

Funds: National Science Foundation (NSF) Sri Lanka, 2011

**13. Assessing the Stakeholder Preferences for Conservation and Management of Wild Rice Relatives of Sri Lanka:**

Funds: National Science Foundation (NSF) Sri Lanka, 2011

**14. An approach to sustainable development and economics of the smallholder rubber sector in the Moneragala district:**

Funds: National Science Foundation (NSF) Sri Lanka, 2006

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**15. NATIONAL THEMATIC RESEARCH PROGRAM ON FOOD SAFETY:**

**“Assessing Internal and External Trade Policies and Practices Affecting Food Security in Sri Lanka, and Identifying Areas for Improvement”**

Funds: National Science Foundation (NSF) Sri Lanka (2012-2017)

**16. Innovative uses of low-cost information communication technology for knowledge mobilization in agricultural communities of practice in Sri Lanka**

Funds: Wayamba University - 2015

**Research Communication**

**Keynote and other Invited Speeches**

- Invited Presentation: Inception Workshop on the Effects of Changing Climate on Vulnerable Rural Communities in the Dry Zone of Sri Lanka by Hector Kobbakaduwa Agrarian Research and Training Institute (HARTI) Title: The Climate Change Impacts on Crop Production, Livestock and Inland Fisheries Sectors in the Dry Zone of Sri Lanka, 27 January 2022
- Speech on “Making Ecosystem Restoration Work: An Economic Perspective” on International Desertification Day organized by the Ministry of Environment, 17 July 2021
- Invited Speech at the International Conference “The Role of Agricultural Sciences in the Sustainability of Agribusiness” dedicated to the 70th anniversary of the Kursk State Agricultural Academy on the 12th May 2021
- Invited Speech at the Opening Ceremony of the China-ASEAN Faculty Development Training on Modern Agricultural Technology Under the Background of “Belt and Road Initiative” on the 22 September 2021
- Invited Speech on “Problem Solving and Decision Making”, Faculty of Medicine, Wayamba University of Sri Lanka
- Guest speech at the inauguration Ceremony of the Diploma in Construction Labour Productivity and Performance Management, on 08 August 2021
- Guest speech at Chief Guest for the Inaugural Ceremony of the Diploma in Banking and Financial Studies, Department of Banking and Finance, Faculty of Business Studies and Finance, Wayamba University of Sri Lanka, 21st August 2021
- Guest speech at inauguration Ceremony of the Diploma and Higher Diploma in Risk Management and Insurance 12<sup>th</sup> September 2021
- Guest speech at inauguration Ceremony of to admit the new batch of students in the Faculty of Applied Sciences, August 6, 2021

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- Guest speech at launching of Journal of Insurance and Finance on 15 October 2021 by the Faculty of Business Studies and Finance

## Text Books

1. **Jagath C Edirisinghe**, (2016) *නිෂ්පාදන කාර්යක්ෂමතාව: මූලධර්ම සහ ඇගයීම*, ISBN: 978-955-673-088-3, First Print: 2016, Published by Saraswathie Publishers, Divulapitiya, Sri Lanka
2. **Jagath C Edirisinghe**, (2016) *Agricultural and Food Marketing: Theory with Applications*, ISBN: 978-955-30-7052-4, First Print: 2016 Published by S. Godage & Brothers (Pvt.) Ltd., Colombo 10, Sri Lanka
3. **Jagath C Edirisinghe** (2015) *Smallholder Dairy Production in Sri Lanka*. ISBN: 978-955-42541-0-7. First Print: August 2015. Author Publication

## Book Chapters

Anjalee, G.H.I., Kuruppu, I. V., **Edirisinghe, J.C.**, Jayasinghe, J.M.U.K., and Herath, H.M.L.K. (2024) A Glimpse into the Agriculture Economy in the Crisis Year *in* J. Edirisinghe, C. Abeysinghe, P. Warakagoda, E. Wijesinghe, S. Salgado (Eds) *Rising with Agriculture: Challenges and New Perspectives*, Center for Agri-Science Publications, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka.

**Edirisinghe, J** (2012) Active listening and effective note taking. *In* Teaching Learning Assessment and Skills Development in Higher Education: Concepts and Applications (Eds. Jayasinghe Mudalige, U.K., and Jayaweera, A.) Staff Development Centre, Wayamba University of Sri Lanka. pp 368-373

**Edirisinghe, J** (2016). Measuring and Valuing Environmental Impacts from Agriculture. Capacity Development of Research-Policy-Technology Personnel in Sri Lanka on Global Change and Sustainability, Hector Kobbekaduwa Agrarian Research and Training Center and Asia Pacific Network for Global Change Research

## Peer Reviewed Articles in Refereed Journals

1. **JC Edirisinghe**, H Ranjan, HMLK Herath, UK Jayasinghe-Mudalige, M Wijeratne, V Kuruppu, C Jayathilake, W Wijesuriya, K Somarathna, S Karunaratne, S Jayawardana, D Gunathilaka and D Balasooriya (2024) Impact of climate on tea yield: an empirical investigation from Sri Lanka. *Journal of National Science Foundation Sri Lanka* 52 (2): 183 – 190. DOI: 10.4038/jnsfsr.v52i2.11762
2. Jayasinghe, C. V. L. Dassanayake, D. M. C. M. K., Madhushani, R. D. T. D., **Edirisinghe, J.C.**, Wasana, H.M.S. Wijewardane, M.A. (2024) Introducing a 'Postharvest Loss Index

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- (PHLI)' for Some Selected High Producing Vegetables in Sri Lanka to Enhance Food Security, Tropical Agricultural Research, Vol 35(3).
3. **Jagath Edirisinghe**, Hansini Ranjan and Gehaya Dias (2023) Climate Change-Induced Livelihood Vulnerability among Smallholder Coconut Growers: A Household Level Investigation. *Applied Biosystems Technology*, 3(2)
  4. Gunarathne, P. K. K. S., Thennakoon, T. M. S. P. K., **Edirisinghe, J. C.**, & Jayasundara, K. K. I. (2023). Impact of Rubber Farming on the Socio-Economic Status of Households of Smallholders: A Descriptive Analysis. *Vidyodaya Journal of Humanities and Social Sciences*, 8(02).
  5. Samarawickrama, S. T. N., **Edirisinghe, J. C.**, & Kanuwana, K. P. N. G. (2023). Value Chain analysis of underutilized economically potential plants in Sri Lanka: A special reference to *Moringa oleifera*. *Journal of Agriculture and Value Addition*, 6(1), 51-61.
  6. **Edirisinghe, J.C.**, De Silva N., Udayanga, L., Gimhani, D.R., Kuruppu, I.V. and Thanthara, N. (2022) Environmental Awareness and Probability of Adoption of Ecofriendly Agricultural Practices by Vegetable Farmers: A Case Study from Kalpitiya, Sri Lanka. *Applied Economics and Business*, 2022 6(2) 37-49
  7. Subashini, N., Udayanga, L., De Silva, L. H. N., **Edirisinghe, J. C.**, & Nafla, M. N. (2022). Undergraduate perceptions on transitioning into E-learning for continuation of higher education during the COVID pandemic in a developing country: a cross-sectional study from Sri Lanka. *BMC Medical Education*, 22(1), 1-12.
  8. Gunarathne, P. K. K. S., Thennakoon, T. M. S. P. K., & Edirisinghe, J. C. (2022). Identification and prioritization of the constraints of rubber farming in Moneragala District. *JOURNAL OF THE RUBBER RESEARCH INSTITUTE OF SRI LANKA* Vol. 102 2022, 102, 55-68.
  9. Chamathi Jayaratne, U. A. D. P. Gunawardena, **J. C. Edirisinghe**, Sahan Dissanayake and Darshana Rajapaksa (2022). Assessing visitor preferences and willingness to pay for Marine National Park Hikkaduwa: application of choice experiment method. *Sri Lanka Journal of Social Sciences* 2022 45 (2):185-197, DOI: <https://dx.doi.org/10.4038/sljss.v45i2.8369>
  10. Gunarathne P.K.K.S., Thennakoon T.M.S.P.K. and **Edirisinghe J.C.** (2022) An analysis of factors influencing for productivity of rubber smallholdings: A case study in Moneragala District of Sri Lanka. *International Journal of Multidisciplinary Studies (IJMS)*, 9(1) 53-64
  11. Balasooriya, B. M. D. C., **Edirisinghe, J. C.**, & Seneviratne, P. (2021). Nexus between Awareness, Perception and Adoption of Recommended Technologies: Evidences from Smallholder Rubber Cultivation. *Sri Lankan Journal of Agricultural Economics*, 22(1).
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## Research Supervision

## Postgraduate Research Supervision

### **PhD:**

1. Aruna Champika Jayakody [The University of America, Temecula, California]-Completed  
Do Patients Avoid Small Private Hospitals In Outstation? Investigate the Factors Affecting the Hospital Admission Decisions of Private Sector Patients in Peripheral Sri Lanka - Completed
2. Chamathi Jayaratne [University of Sri Jayewardenepura] – On going  
Management of Common Resources and Trade-offs why it is happening and why it is difficult to manage?
3. Dhammika Balasooriya [Wayamba University of Sri Lanka] – On going  
Farmer perceptions and economics of technology adoption in smallholder rubber sector in Sri Lanka
4. P.K.K.S Gunarathne [University of Sri Jayewardenepura] – On going  
Assessing the Economic Impact of Rubber Cultivation in Non Traditional Areas of Sri Lanka: A Case of Smallholder Rubber Adoption in the Moneragala District
5. Buddhika Bulathsinghalge [Curtin University – Australia] – On going  
The Effect of Climate Change Impacts on Livelihoods of Coastal Communities in Sri Lanka: Case Study in Chilaw Divisional Secretariat of Puttalam District

### **MPhil:**

1. K.H.R.M. Ranjan [Wayamba University of Sri Lanka]  
Government Policies and Estate Sector Performance: A Case Study in the Tea Sector in Sri Lanka
2. Mr. A. D. K. S. S. Somarathna [Wayamba University of Sri Lanka] – On going  
Effect of Climate Change on Productivity of Coconut Plantations in Sri Lanka
3. L. H. N. De Silva [Wayamba University of Sri Lanka] – On going

Undergraduate Research Supervision

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7. P.P.G.K. Dias and J.C. Edirisinghe (2022) An Inquiry into Productive Efficiency in Coconut Smallholders in Puttalam District. In Proceedings of the 20<sup>th</sup> agricultural research symposium, Makandura: Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka
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### Other Extra Curricular Activities

- I have developed vital skills in 'Team Work', 'Goal Achievement' and 'Commitment' by participating in sports events from a very young age. A summary of activities are as below.
  - Member of the Nalanda College [Colombo] cricket team that went onto win 'All Island Championship' in under 17 and 'runners up' in under 15 in Division I tournaments
  - Member of the Faculty of Agriculture cricket team at University of Peradeniya
  - Member of the Rubber Research Institute Cricket team
  - Athletics at Nalanda College, Colombo at various events such as running, high jump and hurdles and won awards
- I have been a Senior Prefect at Nalanda College, where I developed my leadership skills at school

### References

#### [1] Dr. Garth John Holloway

Department of Agricultural and Food Economics, University of Reading, PO Box 217, Reading RG6 6AR, United Kingdom

Phone: (118)-378-6775 Fax: (118)-975-6467

Email: [garth.holloway@reading.ac.uk](mailto:garth.holloway@reading.ac.uk)

#### [2] Prof. Prasanthi Gunawardene

Department of Forestry and Environmental Science, University of Sri Jayewardenepura, Nugegoda.

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Tel: 0714166159

Email: [prasanth@sjp.ac.lk](mailto:prasanth@sjp.ac.lk)

I hereby confirm that particulars provided in this curriculum vitae are true and correct to the best of my knowledge.

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