

Indeewara Amadoru

Lecturer.

Department of Plantation Management,
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Makandura,
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1. PERSONAL INFORMATION

Name in Full	: Indeewara Jayawardana Amadoru
Date of Birth	: 22 nd of March 1985
Gender	: Male
Nationality	: Sri Lankan
Religion	: Buddhism
NIC Number	: 850823871 V
Marital Status	: Married
School attend	: Dharmaraja College, Kandy

2. EDUCATIONAL QUALIFICATIONS

- i. M.phil degree on “Effect of selected agronomic practices on phyto-chemical, physio-chemical and bio activity of an introduced variety of *Pogostemon heyneanus* Benth. (Lamiaceae) and optimization of its processing techniques” at Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka (Thesis has been completed and submitted to the reviewers).
- ii. M. Sc. Degree programme on Agricultural and Bio-systems Engineering at Post Graduate Institute of Agriculture, University of Peradeniya.
Grade Point Average : 3.46
Effective date : 07/05/2014
Thesis writing : Performance Evaluation of a Two Wheel Tractor

- iii.** Bachelor of Science of Agriculture (B. Sc. Agri.) four year special Degree at Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka

Grade	: 2 nd Class Honours
Effective date	: 25/05/2010
Specialization	: Plantation Management
Thesis writing	: Impact of Jinasena (PVT) Ltd. on Sri Lankan Plantation Industry

3. UNIVERSITY TEACHING

A. Working Experience

- June 2014 – to date, Lecturer (probationary) attached to the Department of Plantation Management at the Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka
- March 2013 – June 2014, Temporary Lecturer attached to the Department of Plantation Management at the Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka.
- December 2010 – December 2012, Temporary Demonstrator attached to the Department of Plantation Management at the Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka.

B. Teaching Experience

Conducting both theory and practical classes of the course modules on Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka

- PM 21063 Agricultural Engineering and Farm Machinery
- PM 3147 Machinery Used in Processing of Major Plantation Crops
- PM 31092 Plantation Crop Production
- PM 31142 Potential Plantation Crop Production and Processing
- PM 32222 Cleaner Production Technology
- PM 32222 Factory Machinery and Energy Management
- PM 41352 Land Surveying and leveling

External degree program

- XPM 3133 Farm Power and Machinery Management
- XPM 2118 Plant Soil Water Relations
- XPM 1107 Principle of Soil Science

National Institute of Plantation Management

- A recourse person in conducting theory and practical classes on Agricultural Bio-system Engineering Module in National Diploma Program in Plantation Management, since 2015 to date.

4. RESEARCH EXPERIENCE

A. Research Interest

- Processing techniques of medicinal plants
- Renewable energy sources
- Farm machinery
- Micro irrigation

B. Publications

- Amadoru, I.J.**, Abeysinghe, D.C., Gunathilaka H.A.W.S. and Dharmadasa, R.M. (2019). Fabrication, Optimization and Evaluation of an In-direct Heated Forced Air Circulation Type Solar Dryer for Drying of *Pogostemon heyneanus* Benth.(Lamiaceae) Proceedings of the 4th International Research Symposium on Pure and Applied Sciences, 25th October 2019, Faculty of Science, University of Kelaniya, 129.
- Amadoru, I.J.**, Abeysinghe, D.C., Gunathilaka H.A.W.S. and Dharmadasa, R.M. (2018). 'Effect of different Mulches on Oil Yield, Antioxidant Capacity and Bioactive Compounds of *Pogostemon heyneanus* Benth. (Lamiaceae). International Conference on Ayurveda, Unani, Siddha and Traditional Medicine. 7th to 9th December, 2018. Institute of Indigenous Medicine, University of Colombo, Rajagiriya.
- Rathnayake, N.R.S.S., **Amadoru, I.J.**, Gunathilaka, H.A.W.S., Chamara, A.H.M.N. (2018). Performance Evaluation of a Two Wheel Tractor (Sonic Mini Cultivator). Proceedings of 17th Agricultural Research Symposium 2018 Part II. Makandura, Wayamba University of Sir Lanka, 163-168.
- Rathnayake, R.M.G.T.B., **Amadoru, I.J.**, Gunathilaka, H.A.W.S., Chamara, A.H.M.N. (2018). Performance Evaluation of a Two Wheel Tractor with different Trailer Loads and a Rotorvator. Proceedings of 17th Agricultural Research Symposium 2018 Part II. Makandura, Wayamba University of Sir Lanka, 168-172.
- Darshana, U.C., **Amadoru, I.J.**, Gunathilaka, H.A.W.S., Chamara, A.H.M.N. (2018). Performance Evaluation of a Four Wheel Tractor with different Trailer Loads and Tillage Implements. Proceedings of 17th Agricultural Research Symposium 2018 Part II. Makandura, Wayamba University of Sir Lanka, 232-236.

- vi. Kapuwaththa., **Amadoru, I.J.**, Gunathilaka, H.A.W.S., Chamara, A.H.M.N. (2018). Utilization and Maintenance of Farm Tractors in Kurunagala District. Proceedings of 17th Agricultural Research Symposium 2018 Part II. Makandura, Wayamba University of Sir Lanka, 272-276.
- vii. **Amadoru, I.J.**, Abeysinghe, D.C. and Dharmadasa, R.M. (2017). 'Effect of Irrigation on Oil Yield, Antioxidant Capacity and Bioactive Compounds of Different Leaf Maturity Stages of *Pogostemon heyneanus* Benth. (Lamiaceae) under Intercropping and Monocropping Systems. Proceedings on University Research Congress 2018, 6th July 2018, 135-137.
- viii. **Amadoru, I.J.**, Senevirathna, A.M.C.M, Abeysinghe, D.C. and Dharmadasa, R.M. (2017). Optimizing the Performance of a Steam Distillation Unit on Extracting Essential Oil from *Pogostemon heyneanus* Benth. (Lamiaceae) Proceedings of the 73rd Annual Sessions Part I Abstract, Sri Lanka Association for the Advancement of Science, 4th -8th December 2017, Open University of Sri Lanka, 150.
- ix. Madusanka, Y.M., **Amadoru, I.J.**, Gunathilaka, H.A.W.S., Abeysinghe D.C., and Dharmadasa, R.M. (2017). Optimizing the Performance of Solar Dryer in Terms of Fresh Herbage Spread to Dry *Pogostemon heyneanus* Benth (Lamiaceae). Proceedings of 16th Agricultural Research Symposium 2017. Makandura, Wayamba University of Sir Lanka, 550-554.
- x. **Amadoru, I.J.**, Dharmathilaka, R.S.M.S.S, Gunathilake, H.A.W.S., Abeysinghe, D.C. and Dharmadasa, R.M. (2016). Crop Water Requirement Studies of Nursery Stage Plants of *Pogostemon heyneanus* Benth. (Lamiaceae) under Different Irrigation Intervals. *Proceedings of the 72nd Annual Sessions Part I Abstract*, Sri Lanka Association for the Advancement of Science, 5th -9th December 2016, University of Colombo, 92.
- xi. **Amadoru, I.J.**, Udadeniya, A.G.S.G., Gunathilake, H.A.W.S. , Abeysinghe, D.C. and Dharmadasa, R.M. (2016). Impact of Light Intensity on Early Vegetative Growth of *Pogostemon heyneanus* Benth. (Lamiaceae). *Proceedings of the 72nd Annual Sessions Part I Abstract*, Sri Lanka Association for the Advancement of Science, 5th -9th December 2016, University of Colombo, 90.
- xii. Dharmathilaka R.S.M.S.S, **Amadoru I.J.**, Gunathilake H.A.W.S , Abeysinghe D.C. and Dharmadasa R.M. (2016). Growth, Crop Water Requirement and Crop Coefficients of Nursery Stage Plants of *Pogostemon heyneanus* Benth. (Lamiaceae) under Different Irrigation Intervals. *Proceedings of the 15th Agricultural Research Symposium 200*, June 2016, Sri Lanka,
- xiii. Kulathilaka S.H.C, **Amadoru I.J.**, Gunathilake H.A.W.S , Abeysinghe D.C. and Dharmadasa R.M. (2016). Effect of Drying on Oil Yield, Antioxidant Capacity and Bioactive Compounds of *Pogostemon heyneanus* Benth. (Lamiaceae). *Proceedings of the 15th Agricultural Research Symposium*, June 2016, Sri Lanka, 431-435.

- xiv. Perera W.R.S. **Amadoru I.J.**, Gunathilake H.A.W.S , Abeysinghe D.C. and Dharmadasa R.M. (2016). Performance Evaluation of Newly Fabricated Steam distillation Unit on Extracting Essential Oil from *Pogostemon heyneanus* Benth. (Lamiaceae). *Proceedings of the 15th Agricultural Research Symposium*, June 2016, Sri Lanka, 431-435.
- xv. Udadeniya A.G.S.G, **Amadoru I.J.**, Gunathilake H.A.W.S , Abeysinghe D.C. and Dharmadasa R.M. (2016). Effect of Different Shade Levels on Vegetative Growth of *Pogostemon heyneanus* Benth. (Lamiaceae). *Proceedings of the 15th Agricultural Research Symposium*, June 2016, Sri Lanka,
- xvi. **Amadoru I.J.**, Rathnayake R.M.W.S., Abeysinghe D.C. and Dharmadasa R.M. (2015). Vegetative Growth and Crop Water Requirement of *Pogostemon heyneanus* Benth. (Lamiaceae) Grown under Coconut. *Proceedings of the 71st Annual Session -2015, Part I Abstract Sri Lanka Association for the Advancement of Science (SLAAS), 30th November- 4th December 2015, University of Jayawardanapura*, 106.
- xvii. Kumaranayaka G.A.S., **Amadoru I.J.**, Gunathilaka H.A.W.S. and Rajapakse R. (2015). Performance Evaluation of a Locally Developed Multi Chopper on Chopping Selected Plant Materials. *Proceedings of the 14th Agricultural Research Symposium*, June 2015, Sri Lanka, 233-237.
- xviii. Kumari S.R.W.M., Abeysinghe D.C., Dharmadasa R.M. and **Amadoru I.J.** (2015). Determination of Suitable Leaf Maturity Pruning Stage for Harvesting of *Pogostemon heyneanus* Benth. (Lamiaceae) in terms of invivo and invitro Bio-chemical Compounds. *Proceedings of the 14th Agricultural Research Symposium*, June 2015, Sri Lanka, 258-262.
- xix. Rathnayaka R.M.W.S., **Amadoru I.J.**, Abeysinghe D.C. and Dharmadasa R.M. (2015). Effect of Shade of Growth and Water Requirement of *Pogostemon heyneanus* Benth. (Lamiaceae). *Proceedings of the 14th Agricultural Research Symposium*, June 2015, Sri Lanka, 253-257.
- xx. **Amadoru I.J.** and Fernandopulle M. N. D. (2012). Coconut Shell Biomass Gassification with Waste Heat Recovery Technology to Dry Pulverized Kernel for Virgin Coconut Oil Extraction. *Proceedings of the International Conference on Sustainable Built Environment, 2012, Kandy*. 1012 – 1023.
- xxi. **Amadoru I.J.**, Fernandopulle M. N. D. and Asanka J. R. K. (2009). Coconut Shell Biomass Gassification with Waste Heat Recovery Technology to Dry Pulverized Kernel for Virgin Coconut Oil Extraction. *Proceedings of the 9th Agricultural Research Symposium 2009*. August 2009, Sri Lanka, 127-132.

5. PROFESSIONAL QUALIFICATIONS

“Training Course on Technology of Agricultural Machinery and Water Saving Irrigation for Sri Lanka”, sponsored by ministry of commerce and organized by Chinese Academy of Agricultural Mechanization Sciences (CAAMS) held from 24th September, 2019 to 22nd of October, 2019 in Beijing, People’s Republic of China.

“ Workshop on Robotics” conducted by Shibaura Institute of Technology, held at Japan, Tokyo, from 7th to 14th February 2017.

Workshop on validation of curricula of Bio-systems Technology degree program, 13th and 14th July 2016.

Successfully completed the **“Certificate Course on Staff Development”** held from 24th October 2014 to 24th April 2015.

“ One Day Workshop on Introduction to GIS and Applications of GIS in Agriculture and Environmental Management” conducted by department of Plantation Management, Faculty of Agriculture and Plantation Management , Wayamba University of Sri Lanka on 13th December 2014

“Training on Entrepreneurship Development” – Organized by National Enterprise Development Authority with the collaboration of Career Guidance Unit of Wayamba University of Sri Lanka, 2014.

“Workshop on Video Production” – Organized under HETC/UDG/EDG Project at the Wayamba University of Sri Lanka, 18th -20th March 2014.

“Workshop on Post Harvest Technology”- Organized by Wayamba University of Sri Lanka with collaboration of "JAGAS", 2011.

“ Workshop on Tea Tasting 2008” - Organized by Career Guidance Unit of Wayamba University of Sri Lanka with the collaboration of Kahawaththa Plantation Ltd. 12th of September 2008.

“Training on Entrepreneurship Development” – Organized by National Enterprise Development Authority with the collaboration of Career Guidance Unit of Wayamba University of Sri Lanka, 2013.

Sixth months training on Agricultural **Machinery, Maintenance and Repairing of 4- Stroke Diesel Engines and Micro Irrigation Systems** at Jinasena (Pvt.) Ltd

6. INSTIUTIONAL DEVELOPMENT

a) At the National level

- i. Worked as a Co-controlling examiner of Advance Level Bio-systems Technology practical examination, August 2015, 2016.
- ii. A member of curriculum revision committee of Advance Level Agriculture new syllabus, December 2015
- iii. A member of curriculum committee of the book on G.C.E Advanced Level Agricultural Science, Revision Exercises Sinhala module
- iv. A member of curriculum committee of the book on G.C.E Advanced Level Agricultural Science, Revision Exercises English module
- v. School Teachers/Students Training programs
A member of organizing committee/recourse person of following teacher training programs conducted by Faculty of Agriculture and Plantation Management with collaboration of National Institute of Education (NIE) Sri Lanka.

Date	Program
6,7,8 Oct/2016	Practical exercises for Advance Level Agriculture new syllabus (For the teachers of Sabaragamuwa education division)
29,30 Sep, 1 Oct. 2016	Practical exercises for Advance Level Agriculture new syllabus (For the teachers of North Western Province)
22,23,24 Sep, 2016	Practical exercises for Advance Level Agriculture new syllabus (For the teachers of Kurunegala District)
21,22,23 July 2016	Practical exercises for Advance Level Agriculture new syllabus (For the teachers of North Central Province)
25,26 Sep 2014	Practical exercises for Advance Level Agriculture old syllabus (For the teachers of Central Province)
24,25 Aug 2014	Practical exercises for Advance Level Agriculture old syllabus (For the teachers of North Western Province)

A member of organizing committee/recourse person of following student training programs conducted by Faculty of Agriculture and Plantation Management

Date	Program
22 Apr. 2015	Practical for Bio-system Technology students for Zahira College, Puttalam (21 students)
13 Mar. 2015	Practical workshop for Bio-system Technology students of Piliyandala educational zone (60 students)
10 Feb. 2015	Practical for Agriculture students for Senanayake National College, Madampe (40 students)
11,12 Oct. 2014	Practical for Bio-system Technology students for Mawanella education division (120 students)

- vi. Worked as the paper setter of the module on Field Assistant (Agriculture), technical college final examination since 2015 to date.
- vii. Recourse person in seminar for Bio-system technology students of Dankotuwa educational division organized by WakadaMahaVidyalaya with the collaboration of Z-lon (PVT) Ltd. 15th June 2016

b) At the University level

Committee Member

- i. A member of program committee, Wayamba International Conference (WinC) 2018
- ii. A member of Technical/Power/Audiovisual committee, Advances in Tea (AIT) 2017
- iii. A member of Technical/Power/Audiovisual committee, Wayamba International Conference (WinC) 2016
- iv. A member of Logistic committee, WinC 2014
- v. A member of organizing committee, workshop on Minimizing Postharvest Losses of Agriculture Products – Lessons from Japanese Experience of “NOKYO”, 2011 organized by Japanese Graduates’ Alumni Association of Sri Lanka (JAGASS) and Faculty of Agriculture Management in collaboration with the Embassy of Japan in Sri Lanka.

c) At the faculty level

- i. Worked on developing course contents for the following subjects of B.Sc. Agriculture degree program
PM 21063 Agriculture Engineering and Farm Machinery
PM 32192 Advance Irrigation Management
PM 32232 Cleaner Production Technology
PM 32252 Factory Machinery and Energy Management
- ii. Worked on developing a Practical Manual for the module on PM 2119 Principles of Agriculture Engineering and Farm Machinery
- iii. Worked on editing following volumes of Plantation Letter(Newsletter) of External Degree program
Plantation Letter Volume 3 No.2 July-December 2015
Plantation Letter Volume 3 No.1 January-June 2015
Plantation Letter Volume 2 No. 2 June-December 2014
Plantation Letter Volume 2 No.1 January 2014
Plantation Letter Volume 1 No. 2 June 2013
Plantation Letter Volume 1 No. 1 January 2013
- iv. A member of organizing committee of Faculty induction program since 2015 to date.
- v. Worked on developing course contents for following subjects under the degree program of Bio-systems Technology
Farm Machinery
Power and Energy Management
Water Resource Management
Engineering Drawings
- vi. Worked as an Academic Advisor since 2014 to date.

- vii. Developing the “Medicinal Plant Research Field” of Department of Plantation Management, Faculty of Agriculture and Plantation Management
- viii. Supervision of Undergraduates:
Supervision of Undergraduates in their final year research project and In-plant training program

Year	2014	2015	2016	2017	2018
Research Project	-	02	04	02	04
In-plant training	02	03	02	04	02

ACADEMIC REFEREES

Prof. D.C. Abeysinghe

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Makandura,
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Dr. H. A. W. S. Gunathilaka

Department of Plantation Management,
Wayamba University of Sri Lanka,
Makandura,
Gonawila (NWP).
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I hereby do certify that the above particulars given by me are true and accurate to the best of my knowledge.

I. J. Amadoru

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Date: 3rd November, 2019