

CURRICULUM VITAE
Prof. Don Chandana Abeysinghe



GENERAL INFORMATION

Name in full : Don **Chandana Abeysinghe**

Name with initials : D.C. Abeysinghe

Profession : Professor

Contact (Office)

Address : Department of Plantation Management
Faculty of Agriculture & Plantation Management
Wayamba University of Sri Lanka
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Address : 8/153, Abeykoon Mawatha, Horana, Sri Lanka, 12400

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Other Personnel Information

Date of birth : 07th March 1965

Nationality : Sri Lankan

Sex : Male

Civil status : Married

School Attended : Nalanda College, Colombo 10

TEACHING AND RESEARCH INTEREST

- Functional Foods / Bioactive compounds in foods / Antioxidant properties of food
- Tea Agronomy and Processing / Crop Physiology / Plantation Crop Production
- Land productivity improvement / Intercropping / Agroforestry

ACADEMIC AND PROFESSIONAL QUALIFICATIONS

Doctor of Philosophy (Zhejiang, China)

University : Zhejiang University, 268, Kaixuan Road, Hangzhou, China
Thesis Title : Bioactive Compounds and Antioxidant Capacities of Different Fruits
Effective Date : 30th June 2007

Master of Philosophy in Agriculture (Specialized in Crop Science)

University : Postgraduate Institute of Agriculture (PGIA)
University of Peradeniya, Sri Lanka
Board of Study : Crop Science
Thesis Title : Intercropping of young cashew (*Anacardium occidentale* L.) and its effect on crop competition, soil fertility management and land productivity
Effective Date : 26th February 2002

Bachelor of Science in Agriculture [Special (Hons.)]

University : Faculty of Agriculture
University of Peradeniya, Sri Lanka
Field of Specialization : Crop Science
Class obtained : Second Class Honours (Upper Division)
Thesis Title : The carbon dioxide assimilation rates and related parameters of rubber (*Hevea brasiliensis*) plants grown under different light regimes.
Effective Date : 01st October 1991

OCCUPATION

CURRENT

Professor in Plantation Management – Dept. of Plantation Management, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka (From 12th July, 2017 to date).

HISTORY

Senior Lecturer (Gr. I) – Dept. of Plantation Management, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka (From 26th February 2008 to 11th July 2017).

Senior Lecturer (Gr. II) – Dept. of Plantation Management, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka (From 26th February 2002 to 25th February 2008).

Lecturer – Dept. of Plantation Management, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka (From 3rd January 2000 to 25th February 2002).

Lecturer – Dept. of Plantation Management, Faculty of Agricultural Sciences, Rajarata University of Sri Lanka (From 1st March 1996 to 2nd January 2000).

College Lecturer (Probationary) – Agriculture Program, North Western Province Affiliated University College, Makandura (From 1st July 1993 to 28th February 1996).

College Lecturer (Temporary) – Agriculture Program, North Western Province Affiliated University College, Makandura (From May 1992 to 31st June 1993).

Demonstrator – Dept. of Crop Science, Faculty of Agriculture, University of Peradeniya, Peradeniya (From 3rd February 1992 to April 1992).

ACADEMIC

Administrative

Dean / Faculty of Agriculture and Plantation Management - Wayamba University of Sri Lanka (From 26th August 2016 to 25th August 2019).

Head / Dept. of Plantation Management - Wayamba University of Sri Lanka (From 1st June 2012 to 31st May 2015 and From 10th June 2016 to 25th August 2016)

Director /Career Guidance Unit - Wayamba University of Sri Lanka, (From 1st January 2009 to 31st Dec 2016).

Council Member - Wayamba University of Sri Lanka. (From August, 2016 to August 2019).

Senate Member - Wayamba University of Sri Lanka. (From January 2009 to date).

Deputy Proctor - Wayamba University of Sri Lanka, Makandura (From 21st November 2002 to 3rd September 2004).

Faculty Board representative of the Senate - Wayamba University of Sri Lanka. (From October 2001 to September, 2004).

Faculty Board representative of the Senate - Rajarata University of Sri Lanka. (From October 1997 to November 2002).

Lecturer in-charge - Faculty of Agricultural Sciences, Wayamba Campus, Rajarata University of Sri Lanka. (From 27th April 1996 to October 1996).

Section Head / Programme Coordinator - Agriculture Programme, North Western Province Affiliated University College, Makandura. (From 1st January 1995 to 26th April 1996).

Teaching

Undergraduate – B.Sc. degrees

Faculty of Agriculture & Plantation Management, Wayamba University of Sri Lanka
B.Sc. (Agriculture)

- PM 11012 – Principles of Crop Physiology
- PM 31102 – Tea Production and Processing
- PM 32272 – Value Addition in Tea
- PM 32242 – Food Safety & Health Aspects of Plantation Crops

B.Sc. (Plantation Management)

- XPM 1103 – Principles of Crop Physiology
- XPM 1212 – Tea Agronomy
- XPM 1214 – Tea Manufacturing, Processing & Value Addition
- XPM 2122 – Cropping Patterns and Crop Diversification Systems
- XPM 2229 – Plantation Forestry
- XPM 3136 – Agronomy and Processing of Minor and Potential Plantation Crops

Diploma / Certificate

National Institute of Plantation Management (NIPM)

Diploma in Plantation Extension

- Agriculture Module
- Cashew Module

Certificate Course for Creepers

- Induction Course for Planter Trainees

RESEARCH

Principal Scientist

- 1) **Research Project** – “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”

Project period: 2015-2017

Funding agency: Wayamba University Competitive Research Grants

- 2) **Research Project** – “Determination of the effects of heat and water stress on fertility of female and male reproductive organs of coconut (*Cocos nucifera* L.)”

Project period: 2013-2016

Funding agency: National Research Council (NRC) Sri Lanka

- 3) **Research project** - “Raw materials standardization of newly introduced variety of *Withania somnifera* (L.) Dunal. Grown in Sri Lanka and development of ready-to-serve health drink using its root extracts”

Project period: 2012-2014

Funding agency: National Agricultural Research Plan of the National Agricultural Research System of Sri Lanka 2012 -2014 (Allocation of research funds are made by General Treasury/ National Budget Department on recommendation of Sri Lanka Council for Agricultural Research Policy).

- 4) **Research project** - “Bioactive compounds, antibacterial properties and antioxidant capacities of different tea types and their grades produced in Sri Lanka”

Project period: 2011-2013

Funding agency: National Agricultural Research Plan of the National Agricultural Research System of Sri Lanka 2011 -2013 (Allocation of research funds are made by General Treasury/ National Budget Department on recommendation of Sri Lanka Council for Agricultural Research Policy).

- 5) **Research project** - Feasibility Study of Castor Plantation in Sri Lanka

Project period: 2011-2013

Funding agency: Global Environment Centre Foundation (GEC Japan) of PEAR Carbon Offset Initiatives Pvt. Ltd. (Partnership for Environmental Action with Responsibility)

6) Research project - “Antioxidant Capacities and Bioactive Compounds of Fresh Cashew Apple and its Processed Products”

Project period: 2010-2012

Funding agency: Wayamba University Competitive Research Grants
(SRHDC/RP/01/10-02)

7) Research project - “Intercropping of Cashew”

Project Period: 2001-2004

Funding agency: Sri Lanka Cashew Cooperation

Research Awards

NRC Merit Award

NRC Merit Award for Scientific Publication in 2014 for following SCI paper

- (1) Kankanamalage, T.N.M., Dharmadasa, R.M., **Abeyasinghe, D.C.** and Wijesekara, R.G.S.A. (2014). Survey on medicinal materials used in traditional systems of medicine in Sri Lanka. *Journal of Ethnopharmacology*, **155** (1) 679-691.

President Award

President Award for Scientific Publication 2013 for following SCI papers

- (1) Fernando, I.D.N.S., **Abeyasinghe, D.C.** and Dharmadasa, R.M. (2013). Determination of phenolic contents and antioxidant capacity of different parts of *Withania somnifera* (L.) Dunal. from three different growth stages. *Industrial Crops and Products*, **50**: 537– 539.
- (2) Abeyisiri, G.R.P.I., Dharmadasa, R.M., **Abeyasinghe, D.C.** and Samarasinghe, K. (2013). Screening of phytochemical, physico-chemical and bioactivity of different parts of *Acmella oleraceae* Murr. (Asteraceae), a natural remedy for toothache. *Industrial Crops and Products* **50**: 852– 856.

Articles in International Refereed Journals
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- 1) Rajadurai, R., **Abeyasinghe, D.C.** and Yoo, Y.S. (2019). Current Status and Major Challenges of the Tea Industry in Sri Lanka. *Journal of the Korean Tea Society*, Vol. 25, No. 2 pp. 25-32.
- 2) Withanage, K.K.S., **Abeyasinghe, D.C.**, Dharmadasa, R.M., Prathapasinghe, G.A. and Jayasooriya L.J.A.P.A. (2018). Variation of Phytochemical Content and Antioxidant Capacity of Domesticated and Non-Domesticated *Momordica Charantia* L. Populations in Different Maturity Stages. *World Journal of Agricultural Research*, Vol. 6, No. 4, 140-143.

- 3) Rathnayake, A.M.G.N., **Abeysinghe, D.C.**, Dharmadasa, R.M., Prathapasinghe, G.A. and Jayasooriya, L.J.A.P.A. (2018). Phytochemical, Physiochemical and Mineral Contents of Domesticated and Non Domesticated Populations of *Momordica charantia* L. Seeds Harvested at Two Maturity Stages. **World Journal of Agricultural Research**, **6** (3) 77-81.
- 4) De Soysa, E.J.S., **Abeysinghe, D.C.** and Dharmadasa, R.M. (2016). Comparison of Phytochemicals Antioxidant Activity and Essential Oil Content of *Pimenta dioica* (L.) Merr. (Myrtaceae) with Four Selected Spice Crop Species. **World Journal of Agricultural Research**, **4** (6): 158-161.
- 5) Kumari, K.L.N.W., **Abeysinghe, D.C.** and Dharmadasa, R.M. (2016). Distribution of Phytochemicals and Bioactivity in Different Parts and Leaf Positions of *Stevia Rebaudiana* (Bertoni) Bertoni-a Non-caloric, Natural Sweetener. **World Journal of Agricultural Research**, **4** (6): 162-165.
- 6) Panawala, P.B.C., **Abeysinghe, D.C.** and Dharmadasa, R.M. (2016). Phytochemical Distribution and Bioactivity of Different Parts and Leaf Positions of *Pimenta dioica* (L.) Merr (Myrtaceae). **World Journal of Agricultural Research**, **4** (5): 143-146.
- 7) Amarasinghe, K.G.A.P.K., Ranasinghe, C.S., **Abeysinghe, D.C.** and Perera, A.A.F.L.K. (2016). Early Fruit Set in Dwarf × Tall Crosses of Coconut (*Cocos nucifera* L.) under Reciprocal Pollination between Heat and Drought Stressed and Non Stressed Flowers. **International Journal of Agriculture, Forestry and Plantation** 3 (June): 105-113.
- 8) Dharmadasa, R.M., Abeywardhana, K.W., Abeysinghe, **D.C.**, Aththanayake, A.M.L., Bandara J. and Bandara. V.S. (2015). Determination of Suitable Agro Climatic Region and Optimum Harvesting Stage by Means of Total Phenolic Content, Total Flavonoid Content and Total Antioxidant Capacity of *Ocimum tenuiflorum* L. (Lamiaceae) Grown in Sri Lanka. **World Journal of Agricultural Research**, **3** (5): 148-152.
<http://pubs.sciepub.com/wjar/3/5/1pp>
- 9) **Abeysinghe, D.C.**, Mewan, K.M., Kumari, W.M.S.S. and Kumara, K.L.W. (2015). Morphological and Molecular Differences of *Exobasidium vexans* Massee Causing Blister Blight Disease of Tea. **Journal of the Korean Tea Society**, 2015 Special Issue: 72-76.
- 10) **Abeysinghe, D.C.**, Botheju, W.S. and Delgamuwa, D.P.K.R. (2015). Effect of Dhool Temperature on Quality of Orthodox Rotorvane Tea and Its Grade Outturn Percentage Manufactured using Two End-Attachments in Different Degrees of Wither. **Journal of the Korean Tea Society**, 2015 Special Issue: 101-105.
- 11) **Abeysinghe, D.C.**, Amarakoon, A.M.T. and Jayathilake, M.A.K. (2015). Phenolic Constituents, Caffeine and Antioxidant Capacities in Green, Oolong and Black Tea Processed from Tender Leaves of Four Cultivars Grown in Sri Lanka. **Journal of the Korean Tea Society**, 2015 Special Issue: 106-112.
- 12) Dharmadasa, R.M., **Abeysinghe, D.C.**, Dissanayake, D.M.N., Abeywardhane, K.W. and Fernando, N.S. (2015). Leaf Essential Oil Composition, Antioxidant Activity, Total Phenolic Content and Total Flavonoid Content of *Pimenta dioica* (L.) Merr (Myrtaceae): A Superior Quality Spice Grown in Sri Lanka. **Universal Journal of Agricultural Research**, **3** (2): 49-52.

- 13) Dharmadasa, R.M., Rathnayake, R.M.D.H., **Abeyasinghe, D.C.**, Rashani, S. A. N., Samarasinghe, K. and Attanayake, A.L.M. (2014). Screening of Local and Introduced Varieties of *Pogostemon heyneanus* Benth. (Lamiaceae), for Superior Quality Physical, Chemical and Biological Parameters. *World Journal of Agricultural Research*, **2** (6): 261-266.
- 14) **Abeyasinghe, D.C.**, Wijerathne, S.M.N.K. and Dharmadasa, R.M. (2014). Secondary Metabolites Contents and Antioxidant Capacities of *Acmella oleraceae* Grown under Different Growing Systems. *World Journal of Agricultural Research*, **2** (4): 163-167.
- 15) Abeywardhana, K.W., **Abeyasinghe, D.C.**, Dharmadasa, R.M. and Aththanayake, A.M. L. (2014). Determination of Optimum Maturity Stage for *Ocimum sanctum* L. Grown under Different Growing Systems in Terms of Therapeutically Active Secondary Metabolites. *World Journal of Agricultural Research*, **2** (4): 159-162.
- 16) Kankanamalage, T.N.M., Dharmadasa, R.M., **Abeyasinghe, D.C.** and Wijesekara, R.G.S.A. (2014). Survey on medicinal materials used in traditional systems of medicine in Sri Lanka. *Journal of Ethnopharmacology*, **155** (1): 679-691.
<https://doi.org/10.1016/j.jep.2014.06.016>
- 17) Fernando, I.D.N.S., **Abeyasinghe, D.C.** and Dharmadasa, R.M. (2013). Determination of phenolic contents and antioxidant capacity of different parts of *Withania somnifera* (L.) Dunal. from three different growth stages. *Industrial Crops and Products*, **50**: 537-539.
<https://doi.org/10.1016/j.indcrop.2013.08.042>
- 18) Abeyisiri, G.R.P.I., Dharmadasa, R.M., **Abeyasinghe, D.C.** and Samarasinghe, K. (2013). Screening of phytochemical, physico-chemical and bioactivity of different parts of *Acmella oleraceae* Murr. (Asteraceae), a natural remedy for toothache. *Industrial Crops and Products* **50**: 852-856.
<https://doi.org/10.1016/j.indcrop.2013.08.043>
- 19) Lenora, R.D.K., Dharmadasa, R.M., **Abeyasinghe D.C.** and Arawwawala, L.D.A.M. (2012). Investigation of Plumbagin Content in *Plumbago indica* Linn. Grown under Different Growing Systems. *Pharmacologia*, **3** (2): 57-60.
<http://doi.org/10.5567/pharmacologia.2012.57.60>
- 20) **Abeyasinghe, D.C.**, Li, X., Sun, C.D. and Chen, K.S. (2008). Pigment content and their relationship with hydrophilic and lipophilic antioxidant capacities in seven fruit species. *Journal of Fruit Science*, **25** (6): 790-796.
- 21) **Abeyasinghe, D.C.**, Li, X., Sun, C.D., Zhang, W.S., Zhou, C.H. and Chen, K.S. (2007). Bioactive compounds and antioxidant capacities in different edible tissues of citrus fruit of four species. *Food Chemistry*, **104** (04): 1338-1344.
<https://doi.org/10.1016/j.foodchem.2007.01.047>
- 22) Zhang, W.S., Li, X., Wang, X.X., Wang, G.Y., Zheng, J.T., **Abeyasinghe, D.C.**, Ferguson, I. B. and Chen, K.S. (2007). Ethanol vapour treatment alleviates postharvest decay and maintains fruit quality in Chinese bayberry. *Postharvest Biology and Technology*, **46** (02): 195-198.
<https://doi.org/10.1016/j.postharvbio.2007.05.001>

Articles in Local Refereed Journals

- 1) Senadheera, S.P.N.M.K and **Abeysinghe, D.C.** (2015). Bioactive Compounds and Total Antioxidant Capacity of Different Tissues of Two Pitaya (Dragon Fruit) Species Grown in Sri Lanka. *Journal of Food and Agriculture*, **8** (I & II): 32-39.
- 2) **Abeysinghe, D.C.** and Kumari, I.P.N.P. (2012). Antioxidant Activity and Phenolic Content of Different Pod Tissues of Five Selected Cocoa Hybrid Lines. *Journal of Food and Agriculture*, **5** (I & II): 05-12.
- 3) Suduwellege, D.C.J., Botheju, W.S. and **Abeysinghe, D.C.** (2011). Quality Characteristics of Black Tea Processed by Orthodox Rotorvane Type of Manufacture at Different Degrees of Wither. *Sri Lanka Journal of Tea Science*, **76** (1/2): 22-32.
- 4) **Abeysinghe, D.C.**, Sangakkara, U.R. and Jayasekera, S.J.B.A. (2003) Intercropping of Young Cashew (*Anacardium occidentale* L.) and Its Effect on Crop Productivity and Land Utilization. *Tropical Agricultural Research*, **15**: 10-19.
- 5) Nugawela, A., **Abeysinghe, D.C.** and Samarasekara, R.K. (1995). Diurnal variation in gas exchange characters of leaves of *Hevea brasiliensis* exposed to sunlight at different canopy levels and their contribution to dry matter production. *Journal of the Rubber Research Institute of Sri Lanka*, **75**: 1-12.

Peer Reviewed Full Paper Proceedings in the Overseas Symposiums /Workshops

- 1) **Abeysinghe, D.C.** (2015). Variation in Major Antioxidants and Total Antioxidant Capacity of Cashew Apples at Different Maturity Stages and Among Selected Cultivars in Sri Lanka. *Acta Hort. (ISHS)* **1080**: 313-320.
- 2) **Abeysinghe, D.C.** (2011). Comparative study on identification of requirements and constraints faced by Sri Lankan smallholder organic tea production. Proceedings of the full papers of 17th IFOAM Organic World Congress, Korea, 26-27 September, 2011, 180-184.

Peer Reviewed Full Paper Proceedings in the Local Symposiums /Workshops

- 1) Ranasinghe, C. S., Amarasinghe, K.G.A.P. K., **Abeysinghe, D.C.** and Perera, A.A.F.L.K. (2016). A novel approach to minimize failures in fruit set in the production of Dwarf × Tall hybrid seeds of coconut (*Cocos nucifera* L.) under heat and water stress. Proceedings of the 6th symposium on Plantation Crop Research, Bandaranayaka Memorial International Conference Hall, Colombo, Sri Lanka. 1: 77-92.
- 2) **Abeysinghe, D.C.** and Hettiarachchi, H.K.M.R. (2013). Phenolic Contents and Antioxidant Capacity of Whole Cashew (*Anacardium occidentale* L.) Nuts, Kernels and Testa. Proceedings of the full papers of Annual Symposium on Minor Export Crops, Plant Genetic Resource Centre, Gannoruwa, Peradeniya, 12th and 13th of September 2013, 125-129.
- 3) **Abeysinghe, D.C.** (2012). A comparison of phenolic, flavonoid and vitamin C contents, and antioxidant capacity of cashew (*Anacardium occidentale* L.) apples grown in Sri Lanka.

Proceedings of the full papers of Annual Symposium on Minor Export Crops, Plant Genetic Resource Centre, Gannoruwa, Peradeniya, 16-17 August 2012, 39-42.

- 4) Prasanna, W.R.A.C., Rodrigo, V.H.L., **Abeysinghe, D.C.** and Kudaligama, K.V.V.S. (2010). Stimulant Levels to be used with Two Low Intensity Harvesting (LIH) Systems of Rubber under Wet and Intermediate Zones of Sri Lanka. Proceedings of the full papers of 15th International Forestry & Environment Symposium, University of Sri Jayawardenapura, Gangodawila, Nugegoda, 26-27 November 2010, Sri Lanka, 265-272.
- 5) **Abeysinghe, D.C.** (2009). Effect of Intercropping of Young Cashew (*Anacardium occidentale* L.) on Land Productivity. “Recent Developments in Cashew Research”. Proceedings of the Cashew Research Workshop, November 2009, Sri Lanka, 14-17.

Peer Reviewed Abstract Proceedings in the Overseas Symposiums /Workshops

- 1) Gamage, D.G.N.D., **Abeysinghe D.C.**, Weerasekara R.G.S., Prathapasinghe G.A., Dharamadasa R.M. and Someya, T. (2019). Identifying the Best Growing Requirements of *Ocimum tenuiflorum* L. (Heen Maduruthala). to Produce Quality Raw Materials: Cosmetic Potential Medicinal Plant. Proceedings of International the 6th International Conference on Agriculture 2019 (AGRICO 2019), 22nd – 23rd August 2019, Bangkok, Thailand. 29p.
- 2) Ranasinghe, C.S., Amarasinghe, K.G.A.P.K., **Abeysinghe, D.C.**, Perera, A.A.F.L.K. (2016). A Pollination Strategy to Increase the Setting of Dwarf × Tall Hybrid Seed Coconut under Heat and Water Stress. Proceedings of 3rd International Symposium on Coconut Research and Development, 10-12 December 2016, ICAR – CPCRI, Kasaragod, Kerala, India. 08p.
- 3) Amarasinghe, K.G.A.P.K., Ranasinghe, C.S., **Abeysinghe, D.C.**, Perera, A.A.F.L.K. (2014). Effect of Heat and Drought Stress on the Development of Reproductive Organs of Different Coconut (*Cocos nucifera* L.) Cultivars under Controlled Pollination Conditions in Sri Lanka. Proceedings of 2nd International Conference on Advance in Plant Sciences, 18th -22nd November 2014, Kuching, Malaysia, 60p.
- 4) **Abeysinghe, D.C.** The Sri Lankan Tea Industry: Current Status and Future Trends. (2014). Proceedings of International Symposium on Tea Science and Tea Culture 2014, 4th - 6th November 2014, Jeju, Korea. 23-24p.
- 5) **Abeysinghe, D.C.**, Amarakoon, A.M.T. and Jayathilake, M. A.K. (2014). Phenolic constituents, caffeine and antioxidant capacities in green, oolong and black tea processed from tender leaves of four cultivars. Proceedings of International Symposium on Tea Science and Tea Culture 2014, 4th - 6th November 2014, Jeju, Korea. 33p.
- 6) **Abeysinghe, D.C.**, Botheju, W.S. and Delgamuwa, D.P.K.R. (2014). Effect of Dhool Temperature on Quality of Orthodox Rotorvane Tea and Its Grade Outturn Percentage Manufactured using Two End Attachments in Different Degrees of Wither. Proceedings of International Symposium on Tea Science and Tea Culture 2014, 4th - 6th November 2014, Jeju, Korea. 72p.
- 7) **Abeysinghe, D.C.**, Mewan, K.M., Kumari, W.M.S.S. and Kumara, K.L.W. (2014). Morphological and Molecular Differences of *Exobasidium vexans* Massee Causing Blister Blight

Disease of Tea. Proceedings of International Symposium on Tea Science and Tea Culture 2014, 4th - 6th November 2014, Jeju, Korea. 96p.

- 8) **Abeyasinghe, D.C.** (2011). Variation in Major Antioxidants and Total Antioxidant Capacity of Cashew Apples at different Maturity stages and among Selected Cultivars in Sri Lanka. Proceedings of the Abstract of 1st International Symposium on Cashew Nut, 09th -12th December 2011, Tamil Nadu Agricultural University, Madurai, India. 115p.

Peer Reviewed Abstract Proceedings in the Local Symposiums /Workshops
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- 1) Gamage, D.G.N.D., **Abeyasinghe D.C.**, Weerasekara R.G.S., Prathapasinghe G.A., Dharamadasa R.M. and Someya, T. (2019). Identifying the Best Growing Requirements of *Justicia adhatoda* L. to Produce Quality Raw Materials: Cosmetic Potential Medicinal Plant. Proceedings of International Conference on Agriculture and Food Security 2019 (AGROFOOD 2019), 08th -09th August 2019, Global Towers Hotel, Colombo Sri Lanka. P 9.
- 2) Amadoru, I.J., **Abeyasinghe, D.C.**, Gunathilake, H.A.W.S. and Dharmadasa, R.M. (2019). Effect of Different Shade Levels on Oil Content and Composition of *Pogostemon heyneanus* Benth. (Lamiaceae). Proceedings of Wayamba University Research Congress (WURC), July 2019, Sri Lanka, 9-10p.
- 3) Gamage, D.G.N.D., **Abeyasinghe D.C.**, Weerasekara R.G.S., Prathapasinghe G.A., Dharamadasa R.M. and Someya, T. (2019). Exploration of Cosmetic Potential of medicinal Plants in Sri Lanka. Proceedings of Wayamba University Research Congress (WURC), July 2019, Sri Lanka, 42-43p.
- 4) Gamage, D.G.N.D., **Abeyasinghe D.C.**, Weerasekara R.G.S., Prathapasinghe G.A., Dharamadasa R.M. and Someya, T. (2019). Investigating the Optimum Growth Requirements of *Senna alata* (L.) Roxb. (Emperor's Candlesticks) for Developing Herbal Cosmetic Industry in Sri Lanka. Proceeding of National Symposium on Agrobiodiversity for Climate Change Adaptation, Food and Nutrition, 23rd & 24th May 2019, Colombo Sri Lanka. P 36.
- 5) Gamage, D.G.N.D., **Abeyasinghe D.C.**, Weerasekara R.G.S., Prathapasinghe G.A., Dharamadasa R.M. and Someya, T. (2019). Investigating the Best Growing Requirements of *Centella asiatica* (L.) Urb. (Giant Morphotype) for Enhancing the Yield to Fulfil the Existing Demand in Herbal Cosmetic Industry of Sri Lanka. Proceedings of Asia International Conference on Multidisciplinary Research 2019, 10th May 2019, Colombo Sri Lanka. P 28.
- 6) Gamage, D.G.N.D., **Abeyasinghe D.C.**, Weerasekara R.G.S., Prathapasinghe G.A., Dharamadasa R.M. and Someya, T. (2018). Exploration of key manufacturers and medicinal plants used in herbal cosmetic industry of Sri Lanka. Proceedings of Asian Symposium on Medicinal Plants, Spices and other Natural Products XVI (ASOMPS XVI 2018), 12th – 14th December 2018, Colombo Sri Lanka. P 81.
- 7) Hettiarachchi, D., Dharmadasa, R.M. and **Abeyasinghe, D.C.** (2018). Comparison of Seven Cooking Type Banana Accessions Grown in Sri Lanka by Means of Phytochemical Properties and Antioxidant Capacity. Proceedings of International Conference on Ayurveda, Unani, Siddha and Traditional Medicine (6th iCAUST 2018), 7th -9th December, 2018, 6p.

- 8) Gamage, D.G.N.D., **Abeysinghe, D.C.**, Wijesekara, R.G.S., Prathapasinghe, G.A., Dharmadasa, R.M. and Someya, T. (2018) Present Status of Herbal Cosmetic Industry of Sri Lanka. Proceedings of International Conference on Ayurveda, Unani, Siddha and Traditional Medicine (6th iCAUST 2018), 7th -9th December, 2018, 67p.
- 9) Jayawardena, S., Dharmadasa, R.M. and **Abeysinghe, D.C.** (2018). Comparison of Physical Characterization, Antioxidant Capacity, Phenolic and Vitamin Contents of Sweet Orange Cultivars Grown in Sri Lanka. Proceedings of International Conference on Ayurveda, Unani, Siddha and Traditional Medicine (6th iCAUST 2018), 7th -9th December, 2018, 69p.
- 10) Rathnayake, A.M.G.N., **Abeysinghe, D.C.** and Dharmadasa, R.M. (2018). Proximate and Mineral composition of Domesticated and Non-Domesticated Populations of *Momordica charantia* L. Seeds Harvested at Two Maturity Stages. Proceedings of International Conference on Ayurveda, Unani, Siddha and Traditional Medicine (6th iCAUST 2018), 7th -9th December, 2018, 71p.
- 11) Amadoru, I.J., **Abeysinghe, D.C.**, Gunathilaka, H.A.W.S. and Dharmadasa, R.M. (2018). Effect of Different Mulches on Yield, Antioxidant Capacity, Bioactive Compounds, Oil Content and Composition of *Pogostemon heyneanus* Benth (Lamiaceae). Proceedings of International Conference on Ayurveda, Unani, Siddha and Traditional Medicine (6th iCAUST 2018), 7th -9th December, 2018, 102p.
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- 77) Indika, M.A.D. and **Abeysinghe, D.C.** (2011). Comparison of Yield and Growth Parameters of Five Different Tea (*Camellia sinensis* (L.) O. Kuntze) Cultivars in the Low-Country Intermediate Zone of Sri Lanka. Proceedings of 1st International Symposium, South Eastern University of Sri Lanka, 19th – 21st April 2011, Sri Lanka, 65p.
- 78) Wimalasinghe, L.A.T.S., De Silva, M.S.D.L. and **Abeysinghe, D.C.** (2010). Potential Application of Biofilmed Biofertilizer on Mature High Grown Tea. Proceedings of the abstract of Annual Research Conference of University of Jaffna, 15th November 2010, Sri Lanka, 12p.

- 79) Kandage, C., **Abeysinghe, D.C.** and Amarakoon, A.M.T. (2010). Study Market Potential for Carbonated Tea Drink in Sri Lankan Carbonated Beverage Market for successful business planning. Proceedings of 3rd International Symposium, Sabaragamuwa University of Sri Lanka 26-28 August 2010, Sri Lanka, 18p.
- 80) Thennakoon, T.M.A.B. and **Abeysinghe, D.C.** (2010). Consumer Preference and Antioxidant Capacities in Green Tea Processed from Tender Shoots of Five Tea (*Camellia sinensis* var. *Assamica*) Cultivars Grown in Low Country Intermediate Zone. Proceedings of 3rd International Symposium, Sabaragamuwa University of Sri Lanka 26-28 August 2010, Sri Lanka, 170p.
- 81) Kumarasiri, G.D.O.C., Mohotti, K.M., **Abeysinghe, D.C.**, Mohotti, A.J. and Senavirathna, G.D.P.T.A. (2009) Comparative Evaluation of Sustainability Indicators of VP and Seedling Tea in Nahavilla Organic Project. Proceedings of the Abstract of 14th International Forestry & Environment Symposium, University of Sri Jayawardenapura, Gangodawila, Nugegoda, 18-19 December 2009, Sri Lanka. 79p.

Text Books/Lecture modules/Leaflets/Thesis

Text Books:

D.C. Abeysinghe, (2003) Chapter 08: Intercropping in cashew plantations, *Cashew cultivation principles and techniques*, Edited by S.J.B.A. Jayasekera and N.E.M. Jayasekera, Colombo: Sri Lanka Cashew Cooperation pp. 215-240.

Author of following course modules for B.Sc. (Plantation Management) External Degree

Name of the course module	Course No	No. of credits
Principles of Crop Physiology	XPM 1103	2
Tea Agronomy	XPM 1212	3
Tea Manufacturing, Processing & Value Addition	XPM 1214	2
Cropping Patterns and Crop Diversification Systems	XPM 2122	2
Plantation Forestry	XPM 2229	2
Agronomy and Processing of Minor and Potential Plantation Crops	XPM 3136	2

Leaflets

D.C. Abeysinghe (2002). Intercropping in cashew plantations, Cashew leaflets, Series No. 04, Colombo: Sri Lanka Cashew Cooperation (**Both English and Sinhala medium**).

Thesis

The carbon dioxide assimilation rates and related parameters of rubber (*Hevea brasiliensis*) plants grown under different light regimes. (1991) for B.Sc. (Agriculture) Degree.

Intercropping of young cashew (*Anacardium occidentale* L.) and its effect on crop competition, soil fertility management and land productivity. (2002) for M.Phil. (Agriculture) Degree.

Bioactive compounds and antioxidant capacities of different fruits. (2007) for Ph.D. (Pomology) Degree.

Member of the Editorial Board

- Proceedings of 10th Agricultural Research Symposium, August 2010, Sri Lanka
- Proceedings of 9th Agricultural Research Symposium, August 2009, Sri Lanka
- Proceedings of 8th Agricultural Research Symposium, August 2008, Sri Lanka
- Proceedings of 7th Agricultural Research Symposium, October 2007, Sri Lanka
- Proceedings of 3rd Agricultural Research Symposium, June 2003, Sri Lanka

External Reviewer - 6th In-plant Training Symposium (6th IPTS) -2011, Department of Agribusiness Management, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka.

Reviewer – Abstracts, Sri Lanka Association for the Advancement of Science (SLAAS) **Annual Sessions 2011**

Reviewer – Abstracts, Sri Lanka Association for the Advancement of Science (SLAAS) **Annual Sessions 2010**

Reviewer – Abstracts, Sri Lanka Association for the Advancement of Science (SLAAS) **Annual Sessions 2009**

INSTITUTIONAL DEVELOPMENT

At the National Level

Members of National Committee

- 2012 – to date Member of General Research Committee of “*Sri Lanka Association for the Advancement of Science*” (SLAAS)
- January 2011 – to date “*Sectoral Committee on Agriculture Sector*” – Sri Lanka Standards Institution (SLSI)
- 2011 – 2012 Member of Section B Committee of “*Sri Lanka Association for the Advancement of Science*” (SLAAS)
- 2010 – to date Program Advisory Committee (PAC) of Sri Lanka Institute of Advanced Technological Education (SLIATE)
- Sub committee – “*Introduction of Industrial Placement Programmes in Universities*” University Grant Commission, Sri Lanka
- 2010 - Secretary of Section B Committee of “*Sri Lanka Association for the Advancement of Science*” (SLAAS)
- 2010 – Member of Media Resource Service Committee of “*Sri Lanka Association for the Advancement of Science*” (SLAAS)

- January 2009 – to date Member of “*Standing Committee on Career Guidance and Students Welfare in Universities*” – University Grant Commission, Sri Lanka
- 2009 - Rapporteur of Section B Committee of “*Sri Lanka Association for the Advancement of Science*” (SLAAS)
- January 2008 – to date, “*Experiment and Extension Forum*” - Tea Research Institute, Talawakelle, Sri Lanka
- July 2007 – to date, “*Cashew Research Management Committee*” – Cashew Development Project (2007 – 2012) administrated by the Sri Lanka Cashew Corporation and Wayamba University of Sri Lanka

Organize National Level Programs

- Faculty Coordinator – Deyata Kirula Exhibition 2009, from 04 -08 February 2009, BMICH, Colombo.
- Coordinator – Kurunegala District Sugarcane Cultivation Development Project, conducted by Sugarcane Research Institute, Udawalawa in collaboration with Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka.
- Prepared and displayed posters on Tea Agronomy and Manufacturing at International Tea Exhibition conducted by Colombo Tea Traders’ Association and Sri Lanka Tea Board from 20 – 23 August 2003, BMICH, Colombo.
- Program Coordinator - The *Job Oriented Practical Training Program in Coconut Estate Management* for the diploma holders of the Agriculture in the North Western Province, conducted by the Faculty of Agricultural Sciences, Rajarata University of Sri Lanka, Makandura, Gonawila from June - August, 1997.

At the University Level **Committee Member**

- Senate Sub-committee on “Academic Development & Planning, Scholarship & Ethics”
- Senate Sub-committee on “Information Technology & Communication”
- July 2007 – March 2009, “Wayamba University Research Committee” (WURC).
- Proposal Development for the HETC/ UDG Project – 2011/2016
- Proposal Development for the HETC/ EDP Project – 2011/2016
- Proposal Development for the HETC/ QIG Project – 2013/2016

Project Coordinator – HETC/QIG Project -2012-2014

Deputy Coordinator- Activity 2 (Improve Quality and Relevance) HETC/UDG/EDP Project – 2012-2014

Deputy Coordinator- Activity C (Strengthening Student Soft Skills) HETC/ UDG Project – 2011/2016

Co-coordinator – Institutional Review of the Wayamba University of Sri Lanka, 2011

Member of the Director Board – University Cooperative, Wayamba University of Sri Lanka

At the Faculty Level

- Chairperson, Publication Committee – 10th Agricultural Research Symposium (AGRES), 2010
- Coordinator, In-plant Training, Dept. of Plantation Management -2009 – 2011.
- Chairperson, Publication Committee - 9th Agricultural Research Symposium (AGRES), 2009
- March 2009 – to date, Chairperson of “Scholarships, Staff Development and Ethics Committee”
- March 2009 – to date, Committee member – “Curriculum and Academic Development Committee”
- Coordinator – 8th Agricultural Research Symposium (AGRES) 2008
- Chairperson, Publication Committee - 7th Agricultural Research Symposium (AGRES) 2007
- Committee member – Proposal Development for the IRQUE Project – 2004
- Coached the runner-up team of the Wayamba University of Sri Lanka for Inter University Agricultural Quiz Competition held at Ruhuna University Mapalana 2001.
- Member of the committee for preparation of curriculum for specialization course in Export Agriculture and Plantation Management B.Sc. (Agriculture) of Rajarata University of Sri Lanka 1996.
- A member of the committee: Preparation of Prospectus and By-Laws for the External B.Sc. degree programme in Plantation Management.

MEMBERSHIP IN SCIENTIFIC, ACADEMIC AND PROFESSIONAL BODIES

- Sri Lanka Association for the Advancement of Science (SLAAS) – Section B
- National Science and Technology Commission, Ministry of Science and Technology – “Young Scientists Forum
- Wayamba University Teachers’ Association (WUTA)
President -2008, 2012 and 2013
Treasure - 2002 – 2004
- Federation of University Teachers’ Association (FUTA)
University Representative – 2010 – 2011
- Alumni Association of Faculty of Agriculture, University of Peradeniya

EXTRA CURRICULAR ACTIVITIES AS AN UNDERGRADUATE STUDENT

- Leader of the Organizing committee of Needy student scholarship fund, Faculty of Agriculture, University of Peradeniya, 1991.
- Vice-President of Forestry Society, Faculty of Agriculture, University of Peradeniya, 1990/91.
- A member of the runner up team of the Inter house cricket competition, University of Peradeniya, 1985/86.
- Cross-country event at the annual sport meet of the Faculty of Agriculture (5th place) University of Peradeniya, 1985/86.