

Curriculum Vitae

K.G.M.C.P. Bandara Gajanayake



Senior Lecturer (Grade I),
*Department of Plantation Management,
Wayamba University of Sri Lanka,
Makandura, Gonawila (NWP).*

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Professional Profile

I am a person who committed to build a career in academia. In my personal life I'm quite a simple person following moderate path to shape my current and next life to be happy, successful, and secure. My desire is to contribute my skills and other credentials to become an outstanding university teacher and a researcher in the fields of agriculture, agribusiness and higher education in Sri Lanka. I am planning to accomplish my career goals through my communication, interpersonal, and leadership skills, and my analytical thinking, and problem solving abilities. I have accomplished my career so far demonstrating consistent success as an academic, administrator and educator at the secondary and higher education levels.

Education:

2014 - Ph.D., (Agronomy | Plant & Soil Science), Mississippi State University, MS, USA
2010 - MSc., (Horticulture | Plant & Soil Science), Mississippi State University, MS, USA
2007 - MPhil. (Agric. Economics and Business), P G I A , University of Peradeniya, SL
2000 - BSc. (Agric.) 2nd Class Upper, Faculty of Agriculture, University of Peradeniya, SL

Others

2012 - 2013 - Certificate in Preparing Future Faculty, Mississippi State University, USA.
2007 - 2008 - Certificate in Teaching Methodology, Staff Development Center, Wayamba University of SL

Teaching experience:

2015 Jan - Up to date: Sen. Lecture Grade I, Dept. of Plantation Mgt., and Wayamba University of Sri Lanka
2008-2014: Research/Teaching Assistant, Mississippi State University, USA
2007-2008: Sen. Lecturer Grade II, Dept. of Plantation Mgt. and Wayamba University of Sri Lanka
2002-2007: Lecturer, Dept. of Plantation Mgt., Wayamba University of Sri Lanka
2001-2002: Demonstrator, Dept. of Plantation Mgt., Wayamba University of Sri Lanka
2000-2001: Demonstrator/Research Assistant, Dept. of Crop Science, Faculty of Agriculture, University of Peradeniya.

Teaching experience (external degree)

2006 -2014 and 2014-Up to date: Visiting Lecturer (Principles of Marketing, XPM 1213), Faculty of Agriculture & Plantation Mgt., Wayamba Univ. of SL

2014-Up to date: Visiting Lecturer (Rubber Manufacturing, Processing and Value Addition, XPM 2119), Faculty of Agriculture & Plantation Mgt., Wayamba Univ. of SL

2006-2014: Visiting Lecturer (Plantation Crop Agronomy Part I, XPM 2123), Faculty of Agriculture & Plantation Mgt., Wayamba Univ. of SL

2006-2014: Visiting Lecturer (The Export Crop Sector, XPM 1211), Faculty of Agriculture & Plantation Mgt., Wayamba Univ. of SL

2006-2014: Visiting Lecturer (Agriculture Marketing and Prices, XPM 2223), Faculty of Agriculture & Plantation Mgt., Wayamba Univ. of SL

Teaching experience (visiting)

2017-Up to date: Visiting Lecturer (Introduction to Farming Systems, AG 1001), Faculty of Technology, **University of Colombo**

2006-2008: Visiting Lecturer (Principles of Marketing, IF 2221), Faculty of Livestock, Fisheries and Nutrition, **Wayamba University of Sri Lanka**

Teaching experience (Postgraduate level)

2019-Up to date: Visiting Lecturer (Climate Smart Agriculture: Concepts and Applications, MAS CC 71021), Faculty of Agriculture & Plantation Mgt., **Wayamba University of Sri Lanka**

Other teaching experience (Outside the discipline)

2017-Up to date: Resource person as the director, Career Guidance Unit (Employment & Professional Skills Development, CSU 41011), Faculty of Agriculture & Plantation Management, Wayamba Univ. of SL

2018: Resource person as the director, Career Guidance Unit in the Induction Program (Adjusting to University Life for new entrance, Outward Bound Training, Entrepreneurship development programs and Other soft skill development programs), Faculty of Medicine, Faculty of Business Studies & Finance, Faculty of Technology and Faculty of Applied Sciences of Wayamba University of SL

2015-2018: Resource person for the Advanced Level Teacher Training Program (Agriculture), in collaboration with the National Institute of Education (NIE) and Wayamba University of SL

2015-2018: Resource person for the Advanced Level Teacher Training Program (Bio-systems Technology), in collaboration with the National Institute of Education (NIE) and Wayamba University of SL

2015-2018: Coordinator and the resource person for the Advanced Level students (Agriculture) of Puttlam, Marawila and Nikaweratiya Education Zones in the Faculty of Agriculture & Plantation management, Wayamba University of SL

2015-2018: Coordinator and the resource person for the Advanced Level students (Bio-systems Technology) Puttlam, Marawila and Nikaweratiya Education Zones in the Faculty of Agriculture & Plantation Management, Wayamba University of SL

2006-2008: Resource person for the Diploma in Plantation Management by National Institute of Plantation Management (NIPM)

2006-2008: Resource person for the Certificate Course in Plantation Management by National Institute of Plantation Management (NIPM)

Other Experience:

2017-Upto date: **Director**, Career Guidance Unit, Wayamba University of SL

2015-Upto date: Industrial Training /In-plant Training **Coordinator**, Department of Plantation Management, Faculty of Agriculture & Plantation Management, Wayamba Univ. of Sri Lanka, Makandura, Gonawila (NWP).

2015-2018: **Coordinator**, Outreach Center, Faculty of Agriculture & Plantation Management, Wayamba Univ. of Sri Lanka, Makandura, Gonawila (NWP).

2014-Upto date: **Warden**, Makandura Premises, Wayamba Univ. of Sri Lanka, Makandura, Gonawila (NWP).

2005-2007: **Academic Sub-Warden**, Sapumal Bandara Hostel, Wayamba Univ. of Sri Lanka, Makandura, Gonawila (NWP)

2005-2006: Member, Welfare committee, Wayamba Univ. of Sri Lanka, Makandura, Gonawila (NWP)

2000-2001: Academic Sub-Warden (part time), Jayathilake Hall, University of Peradeniya, Sri Lanka

Certificates

Regional Training Course on Greenhouse Gas Emission Using Nuclear Techniques organized jointly by International Atomic Energy Agency and Bangladesh Agriculture University held in Dhaka and Meymensingh from 7 to 15 October 2019.

Preparing Future Faculty (PPF) program, Mississippi State University, 2013. Certificate of Teaching in Higher Education (CTHE), Wayamba University of Sri Lanka. 2006.

Introductory course in environmental and natural resource economics, BCDM Centre, Rajendrapur, Bangladesh. Organized by the South Asian Network for Development and Environmental Economics (SANDEE) and United Nations Environmental Program (UNEP) from May 4-24, 2006.

Short course on agricultural finance and rural financial markets, organized by the postgraduate institute of agriculture (PGIA), University of Peradeniya, Peradeniya, Sri Lanka. From October 20-27, 2002.

Research Interests:

Climate change, Crop modeling and Climate smart agriculture
Resource management in plantations
Plantation crop production and management
Soil health and protected culture
Marketing and quality management of agricultural crop products
Tea auction and commodity marketing

Prizes, Awards and Scholarships

Outstanding graduate students enrolled in agronomic, crop, soil or environmental science (SASES) as identified by Triple Societies (ASA, CSSA and SSSA). April 2013 (CSA news)

Best graduate student of the year award, 2012, School of Agriculture & Life Sciences and MAFES, at the annual research banquet, at the MSU Henry Hunter center, Starkville, MS, USA. on April 3, 2012.

Second place award for outstanding PhD paper presented at the National Sweetpotato Collaborators Group meeting, Birmingham, Alabama, USA. February 4-5, 2012.

Council for Agriculture Research Policy, Research Grant Award, 2006.

Reviewer:

Future of Food: Journal on Food, Agriculture and Society

Productivity and Citation Impact

H Index (Google Scholar) = 6 (129 citations)

RG Index = 12.53 (Research Gate)

Research Publications

Refereed Journal Papers (Journals in SCI Master Journal List)

1. **Gajanayake, B.**, Brian W. Trader, K. Raja Reddy, and Richard L. Harkess. 2011. Screening Ornamental Pepper Cultivars for Temperature Tolerance using Pollen and Physiological Parameters. *HortScience* 46 (6): 878-884
2. **Gajanayake, B.**, K. Raja Reddy, M.W. Shankle, and R.A. Arancibia. 2013. Early season soil moisture reduces sweetpotato storage root initiation and development. *HortScience* 48 (12):1457-1462.

3. **Gajanayake, B.**, K. Raja Reddy, M.W. Shankle, and R.A. Arancibia. 2014. Growth, developmental, and physiological responses of two sweetpotato (*Ipomoea batatas* L. [Lam]) cultivars to early season soil moisture deficit. ***Scientia Horticulturae***.168: 218-228.
4. **Gajanayake, B.**, K. Raja Reddy, and Mark W. Shankle. 2015. Quantifying Growth and Developmental Responses of Sweetpotato to Mid-and Late-Season Temperature. ***Agronomy Journal*** 107 (5): 1854-1862.
5. **Gajanayake, B.** and Reddy, K. R. (2016). Sweetpotato responses to mid- and late-season soil moisture deficits. ***Crop Science***, 56(4), 1865-1877.
6. **Gajanayake, B.**, K.R. Reddy, M.W. Shankle, R.A. Arancibia and A.O. Villordon. 2014. Quantifying storage root initiation, growth, and developmental responses of sweetpotato to early season temperature. ***Agronomy Journal***. 106(5): 1-10.
7. Singh, K., Wijewardana, C., **Gajanayake, B.**, Lokhande, S., Wallace, T., Jones, D., & Reddy, K. R. (2018). Genotypic variability among cotton cultivars for heat and drought tolerance using reproductive and physiological traits. ***Euphytica*** 214(3): 57.
8. Reddy, K.R., R. Seepaul, W.B. Henry, **B. Gajanayake**, S. Lokhande, and D. Brand.2014. Maize (*Zea mays* L.) yield and aflatoxin accumulation responses to exogenous glycinebetaine application. ***International Journal of Plant Production*** 8 (2): 271-289.
9. Saminathan, T., A. Alvarado, C. Lopez, S. Shinde, **B. Gajanayake**, V.L. Abburi, V.G. Vajja, G. Jagadeeswaran, K. R. Reddy, P. Nimmakayala, and U. K. Reddy (2019). Elevated carbon dioxide and drought modulate physiology and storage-root development in sweet potato by regulating microRNAs. ***Functional & integrative genomics***, 19(1), 171-190.

Refereed Journal Papers (Journals NOT in SCI Master Journal list)

10. Reddy, K.R., W. Brien Henry, Ramdeo Seepaul, Suresh Lokhande, **B. Gajanayake** and David Brand. 2012. Exogenous application of glycinebetaine facilitates corn (*Zea mays* L.) growth under water deficit conditions. ***American Journal of Experimental Agriculture*** 3 (1): 1-13.

11. **Gajanayake, B.**, Brian W. Trader, K. Raja Reddy, and Richard L. Harkess. 2011. Thermotolerance Classification of Ornamental Pepper Cultivars using Seed Germination-based Traits. *Seed Technology* 33 (2): 134-146.
12. Galagoda, R.K.B., **K.G.M.C.P.B. Gajanayake**, and A. C. S. Silva. 2006. Planning ecotourism in up-country tea estates in Sri Lanka: Testing a Tourism Potential Index. *Tourism and Hospitality Planning and Development* 3 (1). 65-74.
13. Thamien, S., L.H.P. Gunaratne and **K.G.M.C.P.B. Gajanayake**. 2008. An Investigation of Profit Efficiency of Tea Processing Industry in Sri Lanka. *Sri Lanka Economic Journal*. 9 (1):1-20.
14. **Gajanayake, K.G.M.C.P.B.**, U.K. Jayasinghe-Mudalige, and G.S.D.P.C. Ariyaratne. 2006. Benefits, costs and constraints associated with adoption of a HACCP meta- system: experiences of first movers in the tea processing sector in Sri Lanka. *Sri Lankan J. Agric. Sci.* 43: 108 – 123.
15. Jayasinghe-Mudalige, U. K. and **K. G. M. C. P. B. Gajanayake**. 2010. Tea Small- holders Compliance to the Good Agricultural Practices Recommended by the TRI of Sri Lanka: A Situation Analysis. *Journal of the National Institute of Plantation Management* 24: 20 - 31.
16. Sankalpana, H. S. A., B. Gajanayake and Kumara K. H. S. Kithsiri. 2018. Price Formation, Seller Satisfaction and Degree of Competition in the Colombo Tea Auction. *Applied Economics & Business* 2(1) 36-44
17. Demel, M.S.V., N.W.B.A.L. Udayanga, **B. Gajanayake**, B. Hapuarachchi and D. Perera 2019. Developing a Socioeconomic Vulnerability Index Using two Agricultural Communities Exposed to Climate Change: A Case Study in Wanathawilluwa in Puttlam District of Sri Lanka. *Applied Economics & Business* 3(1) 70-79.

Research Papers published in Proceedings

(as full papers or abstracts)

Proceedings as full papers (International)

1. Dharmaratne, P.P., **B. Gajanayake**, K.M.H.I. Karunaratna and L.B.M.D.L. Priyadarshan 2017. Enhancing the Quality of Virgin Coconut Oil by Reducing Sediments: A Case study at Cocotana Coconut product mills, Katana. 2017. **Proceedings of the International Symposium on Agriculture and Environment**, Faculty of Agriculture, University of Ruhuna, 19th January 2017, Matara, Sri Lanka. Pp. 177-179.

2. De Silva, J.A.Y.P., L.B.M.D.L. Priyadarshna and **B. Gajanayake**. 2017. An Investigation of Microbiological Contaminations during manufacturing process of Desiccated Coconut: A Case study at St. Josephs DC Mills, Katana. 2017. **Proceedings of the International Symposium on Agriculture and Environment**, Faculty of Agriculture, University of Ruhuna, 19th January 2017, Matara, Sri Lanka. Pp. 192-194.
3. Singh, K., S. Lokhande, **B. Gajanayake**, D. Brand, T. Wallace and K.R. Reddy. 2013. Screening Cotton Cultivars for Abiotic Stress Tolerance Using Reproductive and Physiological Parameters. In: P. Dugger and D.A. Ritcher (Eds.), **Proceeding of the Beltwide Cotton Conferences**, Memphis, Tn. Pp.117-122.
4. Brian W. Trader, Mengmeng Gu, Alvin May, **Karande Gajanayake**, and Dinum Perera. Drenches of Trinexapac-ethyl reduce height of ornamental grasses. 2009. **Proceeding of the SNA Research Conference**, Tennessee State University, School of Agriculture and Consumer Sciences, McMinnville, TN. 54: 391-394.
5. Reddy, K.R., R. Seepaul, B. Gajanayake and D. Brand. 2009 Growth and in vitro temperature-dependent functional algorithms for corn, cotton, soybean and big bluestem seed germination. **Proceedings of the 39th Biological Systems Simulation Conference: Simulation of Food, Feed, Fiber, and Fuel Production Systems in the 21st Century** May 11 – May 13, 2009 Griffin, Georgia, USA Biological Systems Simulation Group (BSSG) and The University of Georgia, Griffin, GA. Pp. 16-17.

Proceedings as Abstracts (International)

Weerasinghe, K.S., B.D.R.M. Dharmakeerthi, B.D.R.M. and **B. Gajanayake**. 2018. Technology readiness of advanced level teachers: a case study in Nuwara Eliya district, Proceedings of the Wayamba University International Conference, Sri Lanka, August 24-25, 2018, Kuliyaipitiya, Sri Lanka. P. 134.

Swarnathilake, D.S.G.G.C., J.M.T. Anusha, K.S. Weerasinghe and **B. Gajanayake** 2014. Adoption of good agricultural practices by protected agricultural farmers - A case in Bandarawela region of Sri Lanka, Proceedings of the Wayamba University International Conference, Sri Lanka, August 24-25, 2018, Kuliyaipitiya, Sri Lanka. P. 302.

Gajanayake, B., K.S. Weerasinghe, K.R. Reddy. 2014. Screening garden roses for aesthetic quality and abiotic stress tolerance, Proceedings of the Wayamba University International Conference, Sri Lanka, August 29-30, 2014, Kuliyaipitiya, Sri Lanka.

- Wang, X., **B. Gajanayake**, Jeffrey L. Main, Lori Grelen, K.R. Reddy, and R.A. Arancibia. 2014. Auxin and Indol Acetic Acid Oxidase Activity during Sweetpotato Storage Root Initiation. Annual Conference of the American Society for Horticultural Science, July 28–31, 2014, Orlando, FL, USA, HortScience 49 (9) 5S (Abstr.) Pp. S 293-294.
- Gajanayake, B.**, K.R. Reddy, M. Shankle, and R. Arancibia. 2013. Physiological and growth responses of two sweetpotato cultivars at early season soil moisture deficit. Annual Conference of the American Society for Horticultural Science, July 22–25, 2013, Palm Desert, CA, USA, p. 167-168. HortScience 48(9):S3. (Abstr.)
- Gajanayake, B.**, K.R. Reddy, M. Shankle, and R. Arancibia. 2013. Temperature effects on sweetpotato growth and development. Annual Conference of the American Society for Horticultural Science, July 22–25, 2013, Palm Desert, CA, USA, p. 283. HortScience 48(9):S3. (Abstr.)
- Reddy, K.R., S. Lokhande, **B. Gajanayake**, and W. Gao. 2013. Soybean responses to Ultraviolet-B radiation. **ASA-CSSA-SSSA International Meetings**, Nov. 3-6, 2013, Tampa, FL, USA.
- Gajanayake, K.B.**, K.R. Reddy, M. Shankle and R.A. Arancibia, 2012. Sweetpotato growth and developmental responses to soil moisture deficits during the early- season. NSPCG/SR-ASHS Annual Meeting, February 4-5, Birmingham, AL. HortScience 47: S43.
- Gajanayake, K. B.**, K. R. Reddy, M. Shankle, and R. Arancibia. 2012. Temperature and water deficit effects on storage root initiation and growth of sweetpotato. American Society of Agronomy, Southern Branch Annual Meeting, Feb. 5-7, 2012, Birmingham, AL, USA.
- Gajanayake, K. B.**, K. R. Reddy, M. Shankle, and R. Arancibia. 2012. Interactive effects of temperature and elevated carbon dioxide on early-season sweetpotato (*Ipomoea batatas* L. Lam.) growth and development. ASA, CSSA and SSSA Annual Meetings, Oct. 21-24, 2012, Cincinnati, OH, USA. <https://scisoc.confex.com/scisoc/2012am/webprogramcd/Paper74619.html>
- Reddy, K.R., **B. Karande.**, M. Shankle., R. Arancibia, and A. Villordon. 2011. Temperature alters sweetpotato storage root growth and development. ASA CSSA-SSSA International Meetings, Oct. 16-19, 2011, San Antonio, TX, USA.
- Reddy, K.R., **G. Karande**, M. Shankle, R. Arancibia and W. Gao. 2011. Elevated ultraviolet-B radiation affects sweetpotato growth and yield. ASA-CSSA-SSSA International Meetings, Oct. 16-19, 2011, San Antonio, TX, USA.

- Thamiam, S., L.H.P. Gunaratne and **K. G. M. C. P. B. Gajanayake** (2008). Profit efficiency of black tea processing industry: a data development analysis, In: Proceedings of the International Conference on Social Sciences, Sri Lanka, University of Kelaniya, p 207.
<http://repository.kln.ac.lk/handle/123456789/6791>
- Rajapakse, M. C. L., U. K. Jayasinghe-Mudalige, and **K. G. M. C. P. B. Gajanayake**. 2007. Adoption of Good Agricultural Practices by Tea Small Holders in Sri Lanka: Do They (Ready to) Follow TRI Recommendations? 12th Annual Forestry and Environment Symposium, University of Sri Jayewardenepura, Nugegoda, 30 November – 01 December 2007. P. 4.
- Premarathne, R. G. J. U. K. Jayasinghe-Mudalige, and **K. G. M. C. P. B. Gajanayake**. 2007. Use of Up-Country Tea Plantations as Nature Tourism Sites: How Can We Magnetize Local Visitors? 12th Annual Forestry and Environment Symposium, University of Sri Jayewardenepura, Gangodawila, Nugegoda, 30th November – 1st December 2007. P. 52.
- Rijas, M.A.M., A.M.T.P. Athauda, P.S.K. Rajapakshe and **K. G. M. C. P. B. Gajanayake** 2006. Viable Approach Towards the Sustainable Utilization of Negombo Lagoon, 11th **Annual Forestry and Environment Symposium**, University of Sri Jayewardenepura, Gangodawila, Nugegoda, 22 – 23 December 2006. P. 18.
- Weerakoon, W. M. C. S., **K. G. M. C. P. B. Gajanayake**, and U. K. Jayasinghe-Mudalige. 2006. An Empirical Investigation on the Demographic Characteristics of Specialized Visitors to Use Up Country Tea Plantations as Nature Tourism Sites, 11th **Annual Forestry and Environment Symposium**, University of Sri Jayewardenepura, Gangodawila, Nugegoda, 22 – 23 December 2006. P. 51
- Galagoda, R.B., **K. G. M. C. P. B. Gajanayake**, and U. K. Jayasinghe-Mudalige. 2006. Potential for Developing Up Country Tea Estates in Sri Lanka as Profitable and Sustainable Sites for Ecotourism, **10th Anniversary International Symposium**, Sabaragamuwa University of Sri Lanka, Belihuloya, Sri Lanka, 4 – 8, July 2006. P. 190.
- Damayanthi, K.A.I., Jagath Edirisinghe and **K. G. M. C. P. B. Gajanayake** 2006. Composite Leading Indicator to Predict Cyclic Movement in Prices: A Case from Rubber Sector in Sri Lanka, **10th Anniversary International Symposium**, Sabaragamuwa University of Sri Lanka, Belihuloya, Sri Lanka, 4 – 8, July 2006. P. 272.

- Abeywardena, B.G.H., K. G. M. C. P. **B. Gajanayake, S.H. Jayasindera and N.K.D.C.P. Kumara** 2006. Viable Approach on Value addition to Refuse Tea by Producing Bricks, Papers, Cardboards and Orchid Pots, **10th Anniversary International Symposium**, Sabaragamuwa University of Sri Lanka, Belihuloya, Sri Lanka, 4 – 8, July 2006. P. 282.
- Jayasinghe-Mudalige and K. G. M. C. P. **B. Gajanayake** 2006. Assessing Perception and Preferences of Potential Visitors to Use Hill Country Tea Plantations in Sri Lanka as Sites for Nature Tourism, **International Conference on Humid Tropical Ecosystems: Changes, Challenges and Opportunities**, National MAB Committee, Sri Lanka and National Science Foundation, Sri Lanka and division of Ecological and Earth Sciences, UNESCO, Paris. 4 – 9, December 2006. P. 282
- Galagoda, R. K. B., **K. G. M. C. P. B. Gajanayake**, and U. K. Jayasinghe-Mudalige. 2005. Potential for Ecotourism as a Sustainable Approach to Utilize Resources in Up Country Tea Estates in Sri Lanka, **10th Annual Forestry and Environment Symposium**, University of Sri Jayewardenepura, Gangodawila, Nugegoda, 2 – 3 December 2005. P. 12.
- Kumari, R.M.D.P., **K. G. M. C. P. B. Gajanayake**, and G. A. P. Chandrasekera. 2005. Intra Household Food Allocation Behaviour of Up-Country Tea Plantations Workers in Sri Lanka, **10th International Conference on Sri Lanka Studies**, University of Kelaniya, Kelaniya, Sri Lanka 16 – 18 December 2005. P. 76
- Wickramasinghe, W.M.K.M., Karunaratne, S.B., Gajanayake, B. and **Abeyasinghe, D.C.** (2015). Spatial variability of organic carbon density in cashew cultivated red latosol soils of Sri Lanka. Proceeding of the Peradeniya University International Research Sessions (iPURSE), Sri Lanka, Vol. 19, 5th & 6th November 2015, University of Peradeniya, Peradeniya. 3p.
- Liyanaarachchi, L.A.T.S., Karunaratne, S.B., Sankalpa, J.K.S., Wijesuriya, B.W., Gajanayake, B. and **Abeyasinghe, D.C.** (2015). Development of land suitability map to expand rubber in northern dry zone of Sri Lanka: A case study from Vavuniya district. Proceeding of the Peradeniya University International Research Sessions (iPURSE), Sri Lanka, Vol. 19, 5th & 6th November 2015, University of Peradeniya, Peradeniya. 4p. (Abstract No. 67).
- Eranga, R.L.A.A., Karunaratne, S.B., **Abeyasinghe, D.C.** and Gajanayake, B. (2015). Geostatistical mapping of selected soil chemical properties in red latosols of Sri Lanka. Proceeding of the Peradeniya University International Research Sessions (iPURSE), Sri Lanka, Vol. 19, 5th & 6th November 2015, University of Peradeniya, Peradeniya. 5p. (Abstract No. 71).

Proceedings as full papers (Local) [AGRES]

- Hasinthara, H.A.W.H., **B. Gajanayake** and K.D.K. Wanasinghe 2018. Stability of Soilon Primary Tea Packing Material with Changing Flavour Strength under Different Storage Conditions. 2018. Proceedings of the 17th **Agricultural Research Symposium**, Faculty of Agriculture and Plantation Management, Wayamba University, Sri Lanka, 28th - 29th November 2018 (21-25).
- Gamage, K.M., **B. Gajanayake**, S. Sivalingham and W.A.D.V. Weerathilake 2018. Different types of activated biochar in cocopeat grow bags as substrates on early stage growth and development of Tomato (*Lycopersicon esculentum* Mill). 2018. Proceedings of the 17th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 28th - 29th November 2018 (242-246).
- Demel, M.S.V., N.W.B.A.L. Udayanga and B. Hapuarachchi, D. Perera and **B. Gajanayake** 2018. Socioeconomic vulnerability of two agricultural communities to climate change: A case study in Vanathawilluwa in Puttalam district of Sri Lanka. 2018. Proceedings of the 17th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 28th - 29th November 2018 (124-128).
- Gunawardena, W.D.T, A.S.Y.P. Ranasingha H.D.S.N. Wijesooriya and **B. Gajanayake** 2018. Performance evaluation of newly developed compost turning machine. 2018. Proceedings of the 17th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 28th - 29th November 2018 (139-143).
- Gunawardena, L.A.S.I., P.M.E.K. Pathiraja, N.W.B.A.L. Udayanga and **B. Gajanayake** 2018. Vulnerability of Coconut small holders to climate change in Kurunegala district. 2018. Proceedings of the 17th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 28th - 29th November 2018 (144-148).
- Hansamali, A.A.D., L.A.T.S. Liyanaarachchi, S. B. Karunaratne and **B. Gajanayake** 2018. Characterization of calcic red yellow latasol of Northern province for Coconut cultivation: A case study in Palali area of Jaffna District. 2018. Proceedings of the 17th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 28th - 29th November 2018 (247-251).
- Jayatissa, B.J.D.D., L.A.T.S. Liyanaarachchi, S. B. Karunaratne and **B. Gajanayake** 2018. Assessment of quality of soils of coconut cultivating lands via geographical information technology approaches: A case study in Bandirippuwa coconut estate, Lunuwila. 2018. Proceedings of the 17th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 28th - 29th November 2018 (267-271).

- De Silva, K.U.A., A.T. Gamage, **B. Gajanayake**, and R.P.K.M. Rajapaksha 2017. Factors Associated with the Absenteeism of Workers towards the Labour Productivity in Plantation Sector of Sri Lanka: A Case in Estates Managed by Kelani Valley Plantations PLC. 2017. Proceedings of the 16th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 9th - 10th November 2017 (478-482).
- Ranaweera, H.N.M., G.P. Gunaratne and B. Gajanayake 2017. Application of Soil pH Buffering Capacity as a Tool for Correction of Soil Acidity in Tea Growing Soils. Proceedings of the 16th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 9th - 10th November 2017 (560-564).
- Jayawickama, W.D.C.G., **B. Gajanayake**, and K.G.A.P.K. Amarasinghe. 2017. Major Determinants for Adoption and Abandonment of Organic Farming in Kurunegala District of Sri Lanka. Proceedings of the 16th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 9th - 10th November 2017 (610-614).
- Jayashantha, N.G.P., K. Raveendran and B. Gajanayake. 2017. Effectiveness of Automation for Drying Orthodox-Rotorvane Tea in Conventional Fluid Bed Dryer. Proceedings of the 16th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 9th - 10th November 2017 (487-491).
- Muhandiram, P.M.M.H., B. Gajanayake, and S. Sivalingham. 2017. Effect of Different Types of Biochar in Coco Peat Grow Bags as Substrate on Early Growth and Development of Tomato (*Lycopersicon esculentum* Mill.) Proceedings of the 16th **Agricultural Research Symposium**, Faculty of agriculture and plantation management, Wayamba University, Sri Lanka, 9th - 10th November 2017 (497-501).
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I hereby certify that the above mentioned particulars are true and correct to the best of my knowledge.



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