

CURRICULUM VITAE

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Present Employment : Senior Professor
Department of Crop Science
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University of Peradeniya.

Nature of Duties : Teaching and conducting
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Postgraduate students.

Educational Qualifications : Ph.D (Statistics/Biostatistics)
Edinburgh, U.K. 1995

M.Phil (Statistics/Biostatistics)
Postgraduate Institute of Agriculture
University of Peradeniya,
Sri Lanka. 1992.

B.Sc.
Peradeniya, Sri Lanka, 1989

Field of Specialization : Statistics

Area of Specialization : Analysis of Binary data.

i. **Title of M.Phil. Thesis**

Optimum plot size and statistical relationship
between Tapping panel variables and yield of
rubber (*Hevia brasiliensis*).

ii. **Title of Ph.D Thesis**

Analysis of aggregated plant disease incidence data

Competency in computer usage :

Packages used: Windows Office, MINITAB, GLIM, SAS, SPSS, R

Publications :

Text Books

S Samita (2006) Basic Designs in Agricultural Experiments; Fundamentals and Practice.
Postgraduate Institute of Agriculture, University of Peradeniya [ISBN 955–8577–03–0]

Chapters of Text Books

Samita, S (2014) Experimental Designs. In: Iqbal M C M., A guide for beginners in research, Sri Lanka Association for Advancement of Science, Colombo, 25 – 35. [ISBN 9789559321149]

Samita S., Sivanathawerl T., Suriyagoda L.D.B. (2020) Statistics for Furtherance of Agricultural Research in Sri Lanka. In: De Silva R.P., Pushpakumara G., Prasada P., Weerahewa J. (eds) Agricultural Research for Sustainable Food Systems in Sri Lanka. Springer, Singapore. https://doi.org/10.1007/978-981-15-3673-1_8

Chapters of Monographs

- 1) Contributing author (Chapters 5, 6, 10, 11, 12 and 13) Design and Analysis of Experiments R O Thattil (Ed) Postgraduate Institute of Agriculture, University of Peradeniya (1999) (More than 1000 copies have been sold)
- 2) Contributing author (Chapters 4 and 12) Survey Design and Analysis R O Thattil (Ed) Postgraduate Institute of Agriculture, University of Peradeniya (2000) (More than 1000 copies have been sold)
- 3) Contributing author (Chapter 2) Handbook for the Short Course on Spread and Database Management. R O Thattil (Ed) Postgraduate Institute of Science, University of Peradeniya (2000)
- 4) Contributing author (Chapter 2) Handbook for the Workshop on Information Technology. R O Thattil (Ed). Faculty of Science, University of Peradeniya (2000)

Articles in Refereed International and National Journals

1. **Samita, S.**, W. Katulande, R.O. Thattil and N.E.M. Jayasekara (1991). Optimum plot size for rubber. Tropical Agricultural Research. Vol. 3, 348-354.

2. **Samita, S** and Jayakody, A. N. (1991) Effect of green manure incorporation on nutrient kinetics in a flooded iron toxic soil. *Journal of Soil Science Society of Sri Lanka*, 7, 34–53
3. Thattil, R.O., **Samita, S.** and Jayasekara, N.E.M. (1991). Statistical relationships among factors affecting yield of rubber. *Multipurpose tree species in Sri Lanka : Research and development*. Ed. H.P.M. Gunasena, 61-65.
4. **Samita, S.** and Thattil, R.O. (1996). A method for handling overdispersion in binary data : A case study using survey data on pineapple wilt disease. *Tropical Agricultural Research*. Vol. 8. 30– 37
5. Hughes, G. and **Samita, S.** (1998). Analysis of patterns of pineapple mealybug wilt disease in Sri Lanka. *Plant Disease*, 82, 885-890.
6. Hughes, G. Munkvold, G and **Samita, S.** (1998). Application of the logistic - normal - binomial distribution to the analysis of eutypa dieback disease incidence. *International Journal of Pest Management*, 44(1) 35-42
7. Vijesandiran, S and **Samita, S** (1998) Indicators of ecological capital management in up-country tea plantations of Sri Lanka. *Tropical Agricultural Research*. Vol. 10, 246–253.
8. Thattil, R. O. and **Samita, S** (1999) Consultancy report on benefit monitoring and evaluation of Small Holder Tea Development Project.
9. Sivachandiran, S., Thattil, R. O. and **Samita, S** (1999) Fertilizer response functions and optimum levels for bean cultivation in Badulla district. *Tropical Agricultural Research*. Vol. 11, 42–53.
10. Peiris, T U S, Peiris, T S G and **Samita, S** (2000) Arrival dates of southwest monsoon rains – A modeling approach. *Tropical Agricultural Research*. Vol. 12, 265–275

11. De Silva, A P G S, Thattil, R O and **Samita, S** (2000) Estimation of food and nutrition factor in human development. *Tropical Agricultural Research*. Vol. 12, 287–296.
12. De Silva, A P G S, Thattil, R O and **Samita, S** (2000) Weighted principle component analysis approach to construct the human development index (HDI). *Sri Lankan Journal of Applied Statistics*, Vol. 1, 13–24.
13. Pushpakumara, D G N K, Thattil, R O, Marambe B, De Silva R P and **Samita S** (2000) Development of biodiversity indices using a multivariate approach. *Sri Lankan Journal of Applied Statistics*, Vol. 1, 53–62.
14. De Silva, A P G S, Thattil, R O and **Samita, S** (2000) Construction of a composite index of human development for developing nations. *Proceedings of the International Association of the Official Statistics (IOAS) 2000 Conference: Statistics, Development and Human rights*, 1–111–11.
15. Buthpitiya A. G, **Samita, S.** and Jayasundara, L. C. K. (2000) Prepyloric ulcer: The commonest peptic ulcer in women, in Sri Lanka. *Sri Lanka Journal of Medicine*, 9(2), 48–51.
16. Satarasinghe, A J, Thattil, R O, **Samita S** and Premalal R (2001) Evaluation of performance of public schools: An application of GIS in education surveys. *Tropical Agricultural Research*. 13, 156-164.
17. Mendis S, Arsecularatne Y M, Withana N and **Samita S** (2001) *Chlamydia pneumoniae* infection and its association with coronary heart and cardiovascular risk factors in a sample south Asian population. *International Journal of Cardiology*, 79, 191 – 196.
18. Marambe B and **Samita S** (2002) Propanil resistance in barnyardgrass (*Echinochloa crus-galli* (L.) P. Beauv.) and use of herbicides with alternative modes of action for their control in Sri Lanka, *Journal of Plant Disease and Protection*, Vol. XVIII, 967-972.

19. Dorabawila, S S K B M, **Samita S** and Thattil R O (2002) Classification of state schools in Sri Lanka: A multivariate approach. Ceylon Journal of Science (Physical Sciences) Vol 9 (1),
20. Pathirage R P and **Samita, S** (2002) Testing independence in three way tables with multiple responses. Journal of Applied Statistics Association of Sri Lanka (Vol. 1)
21. Pathmanathan, V and **Samita S** (2003) Use of dynamic factor model to analyse annual inflation data from twelve Asian countries. Tropical Agricultural Research. Vol. 15.
22. Anputhas M, **Samita S** and S De Z Abey Siriwardena (2003) Multivariate approach in varietal selection. Tropical Agricultural Research. Vol. 15.
23. Wijetunga, P M A P K , **Samita S** and Ahangama D (2003) Incidence and severity of cashew pest (*Helopeltis antonil* sign.) damage, and the effect of flushing stage on severity during fruiting season. Tropical Agricultural Research. Vol. 15.
24. Piyasiri C H, Peiris, T S G and **Samita S** (2004) Change in rainfall and temperature of low country wet intermediate (IL1) region of Sri Lanka. Tropical Agricultural Research. Vol 16.
25. Anputhas M, **Samita S** and S De Z Abey Siriwardena (2004) Regression based on multivariate index as a tool for varietal recommendation. Proceedings of the International Sri Lankan Statistical Conference: Visions of Futuristic Methodologies, (Eds B M De Silva and N Mukhopadhyay), University of Peradeniya, Sri Lanka and RMIT University, Australia, 61–70
26. Pathmanathan V and **Samita S** (2004) Dynamic factor analysis to estimate common trends in multivariate time series: a case study–Rubber export time series from Sri Lanka. Proceedings of the International Sri Lankan Statistical Conference: Visions of Futuristic Methodologies, (Eds B M De Silva and N Mukhopadhyay), University of Peradeniya, Sri Lanka and RMIT University, Australia, 333–340.

27. Piyasiri C H, Peiris T S G and **Samita S** (2004) Empirical prediction of maximum and minimum air temperature in Sri Lanka. Proceedings of the International Sri Lankan Statistical Conference: Visions of Futuristic Methodologies, (Eds B M De Silva and N Mukhopadhyay), University of Peradeniya, Sri Lanka and RMIT University, Australia, 371–380.
28. Zuhry, A L M, Pushpakumara, D K N G and **Samita, S** (2004) Minimum sample area required to assess number of plant species in Badagamuwa forest reserve, The Sri Lanka Forester, 27, 21–26.
29. **Samita S**, Anpuhas M and Abeysiriwardane, D S De Z (2005) Accounting for multi traits in recommending rice varieties for diverse environments. Experimental Agriculture, Cambridge University Press, UK, 41, 213 – 225
30. Peiris, T U S, **Samita, S** and Kumari, W M R (2006) Variability in rainfall pattern and its impact on tea in Uva region of Sri Lanka. Sri Lanka Journal of Tea Science, 71(1), 8–23.
31. Waidyaratne, K. P. Peiris, T S G and **Samita, S** (2006) Shift in onset of first inter monsoon rain in coconut growing areas in Sri Lanka. Tropical Agricultural Research, 18, 271–281
32. Kumari, W M R and **Samita, S** (2006) Determination of the sampling technique to estimate the performance at grade V scholarship examination. Tropical Agricultural Research, 18, 271–281
33. Kularatne, J D J S, Peiris, T S G and **Samita, S** (2006) Feasibility of single palm plot in coconut experimentation. Tropical Agricultural Research, 18, 271–281.
34. Wijesuriya, W, Thattil, R O and **Samita, S** (2007) Indices for measuring performance of smallholder rubber units. Journal of National Science Foundation Sri Lanka, 35(2) 71–79.

35. Ranasinghe, J G S, Gamlath, G R R D K, **Samita, S** and Abeygunawardena, A S (2007) Prophylactic use of yoghurt reduces antibiotic induced diarrhoea in children. Sri Lanka Journal of Child Health, 36, 53–56
36. Peiris, T U S, **Samita, S** and Fernando, E K N D (2007) Analysis of variability of bright sunshine hours and temperature in tea-growing areas in Sri Lanka. Sri Lanka Journal of Tea Science, 71(2), 75–88
37. **Samita, S.** and Kumari W M R (2006) Multivariate based stratification as an alternative to multi-stage stratification in stratified random sampling. Sri Lankan Journal of Applied Statistics, 7, 55–69
38. Peiris, T S G, Waidyaratne, K P, **Samita, S** and Thattil R O (2007) Control of spatial effects due to neighbouring plants in coconut (*Cocos nucifera*) experiments. International Journal on Coconut Research and Development, 23(2), 46–57
39. Peiris, T U S, **Samita S** and Veronica, W H D (2008) Accounting for spatial variability in tea experimentation. Experimental Agriculture, Cambridge University Press, UK, 44(4), 547–557
40. Ranasinghe, J G S, Ranasinghe, A R A H and **Samita, S** (2008) Prevention of antibiotic induced diarrhoea in dogs. Indian journal of animal nutrition 25 (3) 288–292
41. Kularatne, J D J S, Peiris, T S G and **Samita, S** (2008) Impact of covariate on single palm plot experiments in coconut, Cord, 24(2), 10–20
42. **Samita, S,** Anputhas, M and Abey Siriwardena D S De Z (2010) Selection of rice varieties for recommendation in Sri Lanka: A complex free approach. World Journal of Agricultural Science, 6 (2), 189– 194.
43. **Samita, S,** Anputhas, M and Abey Siriwardena D S De Z (2010) An application of a simple method in selection of rice varieties for recommendation in Sri Lanka. Libyan Agricultural Research Center Journal International, 1 (4), 215– 220.

44. KK Chan, K K, Dassanayake, B, Deen, R, Wickramarachchi, R E, Kumarage, S K, **Samita, S** Deen, K I (2010) Young patients with colorectal cancer have poor survival in the first twenty months after operation and predictable survival in the medium and long term: Analysis of survival and prognostic markers, *World Journal of Surgical Oncology*, 8, 82 – 92.
45. Suriyagoda, L D B., Thilakaratne, R M M S., Nissanaka, S P., and **Samita, S.** (2011) Morphological variation in selected rice (*Oriza sativa* L.) germplasm of Sri Lanka. *Journal of National Science Foundation of Sri Lanka*, 39(2), 129 – 137.
46. Dassanayake, B. K., **Samita, S.**, Deen, R. Y., Wickramasinghe, N. S. A., Hewavisenthi, J. and Deen, K. I. (2011) Local recurrence of rectal cancer in patients not receiving neoadjuvant therapy – the importance of resection margins. *Ceylon Medical Journal*, 56, 159–161.
47. Fernando, S., **Samita, S** and Abenayake R (2011) Modified factor analysis to construct composite indices: Illustration on Urbanization index. *Tropical Agricultural Research*, 24, 271–281
48. Anputhas, M., **Samita, S.** and Abeysiriwardena, D S D Z (2011) Stability and adaptability analysis of rice cultivars using environment-centred yield in two-way ANOVA model. *Communications in Biometry and Crop Science*, 6(2), 80–86
49. Herath, K., **Samita, S.** and Wijesuriya, W. (2012) Identification of Common Trends in Prices, Demand and Supply of Natural Rubber: An Approach Using Dynamic Factor Model. *Tropical Agricultural Research* Vol. 24 (1): 54 – 70.
50. Brintha, N. K. K., **Samita, S.** and Abeynayake, N. R. (2013) Smoothing Techniques for short term forecasting of coconut production in Sri Lanka. *Mathematical Science International Research Journal*, Vol. 2 (2) 584–587.

51. Herath H M L K, **Samita, S** and Wijesuriya, W (2013) Identification of instability of natural rubber prices in Sri Lanka, Journal of Rubber Research Institute of Sri Lanka, Vol. 93: 37 – 50.
52. Herath H M L K, **Samita, S** and Wijesuriya, W (2013) Evaluation of Ashley and Paterson Model Diagnostic Tool in Selection of ARCH/GARCH Family Models: Case of Natural Rubber Prices at the Colombo Auction. Tropical Agricultural Research Vol. 25 (1): 109 – 119.
53. Silva, T J, **Samita, S.** and Senanayke, S A S C. (2013) Link Function for Binomial Model in Estimating Knockdown Time (KT95 and KT50) of Mosquito Repellents. Tropical Agricultural Research Vol. 25 (1): 396 – 402.
54. Brintha, N K K, **Samita, S**, Abeynayake, N R, Idirisinghe, I M S K and Kumaratunga, A M D P. (2013) Use of Unobserved Components Model for Forecasting Non – Stationary Time Series: A case of Annual National Coconut Production in Sri Lanka. Tropical Agricultural Research Vol. 25 (4): 523 – 531
55. Kumarathunge, M.D.P., Waidyaratne, K.P. and **Samita, S.**, (2013). The estimation of daily mean soil temperature at different depths in three Agro–ecological regions of Sri Lanka. COCOS. 20 : 9–25.
56. Herath H M L K, **Samita, S** and Wijesuriya, W (2014) Identification of the Instability in Natural Rubber Prices in Sri Lanka, Journal of Rubber Research Institute of Sri Lanka, 76–85.
57. Howshigan J, Perera K, **Samita S**, Rajapakse PS. (2015) The effects of an Ayurvedic medicinal toothpaste on clinical, microbiological and oral hygiene parameters in patients with chronic gingivitis: a double-blind, randomized, placebo-controlled, parallel allocation clinical trial, Ceylon Med J. 60(4):126-32.
58. Dharmawardena J S N P, Thattil, R O and **Samita S** (2015) Adjusting variables in constructing composite indices by using principal component analysis: Illustrated by Colombo District data, Tropical Agricultural Research, 27 (1), 95 – 102.

59. Abeyesiriwardena, D, S de Z and **Samita, S** (2016) Analysis of within location non-replicated multi-locational on-farm yield trials for testing adaptability of crop varieties, *Indian J. Genet.*, 76(3): 341-346.
60. Ediriweera, D S, Dilina, N, Perera, U, Flores, F and **Samita, S** (2017) Risk of low birth weight on adulthood hypertension–evidence from a tertiary care hospital in a South Asian country, Sri Lanka: a retrospective cohort study, *BMC Public Health*,17(358).
61. Dharmawardena, P, Thattil, R O, and **Samita, S** (2017) Scale independent principal component analysis and factor analysis with preserved inherent variability of the indicators, *American Journal of Theoretical and Applied Statistics*, 6(2): 90-94.
62. Odoi, B, **Samita, S**, Al-Hassan, S and Twumasi-Ankrah, S (2019) Efficiency of Bartlett and Levenes Tests for Testing Homogeneity of Variance Under Varying Number of Replicates and Groups in One – Way ANOVA, *International Journal of Innovative Technology and Exploring Engineering*, 8(6S4), 1291 – 1223.
63. Bandara, S M R, **Samita, S**, Kiridana, A M, Ralapanawa, D M P U K and Herath, H M M T B (2019) Paranasal sinus air suction for immediate pain relief of acute migraine – a randomized, double blind pilot study, *BMC Neurology*, 19:248 <https://doi.org/10.1186/s12883-019-1486-0>
64. Wickramaarachchi, W W U I, Peiris, T U S and **Samita, S** (2020) Detection of trends in rainfall in Northwestern and Eastern coastal lines of Sri Lanka using non–parametric analysis, *Tropical Agricultural Research*, 31 (2), 41 – 54
65. Bandara, S M R, **Samita, S**, Madhujith, T, Hettiarachchi, S S, and Senanayaka, S M T N (2020) COVID–19 Treatment and Post–COVID–19 Complication Syndrome: A Review, *ACTA Scientific Microbiology*, 3 (5) 103 – 118.
66. Fernando, D R, **Samita, S** and Peiris, T U S (2020) Clustering around latent variables approach to detect panel disagreement in three–way tea sensory evaluation, *International Journal of Scientific and Research Publications*, 10 (6) 779 – 792.

67. Malwanage, V M B K T and **Samita, S** (2020) Core Stability Index for Healthy Young Sri Lankan Population, International Journal of Scientific and Research Publications, 10 (6) 687 – 695.
68. Mullege, S S S and **Samita S** (2020) Modeling time taken for HIV testing and visits in follow-up clinic to uptake test results: an application of extended Cox proportional hazard model, HIV & AIDS Review, 19 (3) 157–166.
69. Suranga, M. S., **Samita, S.** and Karawita, D. A. (2020) HIV Testing and receiving test results by the female sex workers; Retrospective study using data from Sri Lanka National HIV Prevention Programme. Sri Lanka Journal of Sexual Health and HIV Medicine, 6, 15 – 25. DOI: <http://doi.org/10.4038/joshhm.v6i0.93>
70. Maduwanthi, N., Liyanage, N., Bandusekara, B. S., Kanchanamala, R. W M. K., Hathurusinghe, H. A. B. M., Rathnayaka, A. M. R. W. S. D., Pushpakumara, D/ K. N. G., **Samita, S.**, Wijesinghe, K. G. G., Jayasinghe, G. G., Liyanage, W. K., and Bandaranayake, P. C. G. (2021) Identification of superior *Cinnamomum zeylanicum* Blume germplasm for future true cinnamon breeding in the world, Journal of Food Composition and Analysis, 96, <https://doi.org/10.1016/j.jfca.2020.103747>
71. Bandara, S. M. R., **Samita, S.**, Kiridana, A. M., and Herath, H. M. M. T. B. (2021) Effectiveness of paranasal air suction on acute migraine using portable air sucker – a randomized, double blind study, BMC Neurology 21:176
<https://doi.org/10.1186/s12883-021-02203-x>
72. Bandara, S. M. R., **Samita, S.**, Kiridana, A. M., and Herath, H. M. M. T. B. (2021) Elevated nitric oxide and carbon monoxide concentration in nasal–paranasal sinus air as a diagnostic tool of migraine: a case–control study, BMC Neurology 21:407
<https://doi.org/10.1186/s12883-021-02434-y>
73. Suranga, M. S. and **Samita, S** (2022) Modelling time taken to HIV testing and uptake of test results: application of extended PWP model, Biostatistics & Epidemiology, DOI: 10.1080/24709360.2021.2017637.

74. Yapa, S. S., Mohotti, A. J. and **Samita, S.** (2022). Mistletoe *Dendrophthoe neelgherrensis* (Wigh & Arn.) Tiegh. parasitism on yield of nutmeg (*Myristica fragrans* Houtt.): have we been underrating the destructivity?. *Tropical Agricultural Research*, 33(1): 18-28. DOI: <http://doi.org/10.4038/tar.v33i1.8533>
75. Fernando, D. R., **Samita, S.**, and Peiris, T. U. S. (2022). Identifying Panel Inconsistency in Sensory Profiles using Multivariate Analysis of Variance (MANOVA) and follow-up Canonical Variate Analysis (CVA). *Tropical Agricultural Research*, 33(1): 80-91. DOI: <http://doi.org/10.4038/tar.v33i1.8537>
76. Odoi, B., Twumasi-Ankrah, S., **Samita, S.** and Al-Hassan, S. (2022) The Efficiency of Bartlett's Test using Different forms of Residuals for Testing Homogeneity of Variance in Single and Factorial Experiments-A Simulation Study, *Scientific African*, 17. <https://doi.org/10.1016/j.sciaf.2022.e01323>
77. Rupasinghe, W. A. W. S., Perera, T. S. H., Silva, K. D. R. R., **Samita, S.**, and Wickramaratne, M. N. (2023) Nutritional Intake of Sport Undergraduates in Sabaragamuwa University of Sri Lanka, *BMC Nutrition* 9:2. <https://doi.org/10.1186/s40795-022-00662-0>

Research Publications in International/National Conferences:

1. **Samita, S** and Hughes G (1995) Pineapple wilt disease in Sri Lanka. Proceedings of the International Society of Plant Pathology, 6th International Plant Virus Epidemiology Symposium, p35, 23-28 April 1995, Jerusalem, Israel.
2. Wijeratne K M, Pitigalarchchi A , Wijeweera R L and **Samita S** (1998) Endodontic failures after four years. Annual Scientific Sessions, Sri Lanka Dental Association.
3. Buthpitiya G, Amarasekara S, Jayasena U and **Samita S** (1997) The relationship of betel chewing, alcohol consumption and smoking to squamous carcinoma of the oesophagus in Sri Lanka. A case-control study. 19th Annual Conference of the Kandy Society of Medicine. 12-14 March 1997 at Plant Genetic Resource Centre.

4. Paranatala M and **Samita S** (1998) Are female medical students better than their male counterparts in performance in Pharmacology? Proceedings of the Kandy Society of Medicine, Vol 20, 26..
5. **Samita S** (1999) Overdispersion: A problem in the analysis of binary data. Applied Statistics News, Vol 1 (1).
6. Pushpakumara, D G N K, Thattil, R O, Marambe B, De Silva R P and **Samita S** (2000) A conceptual approach in the development indices of biodiversity. Science 2000, (News magazine of SLAAS) Vol 1 (2).
7. Jayathilake J A M S, Wimalasiri, W R, Wettasinghe, K A and **Samita S** (2001) Fluoride concentration in whole saliva, salivary pH and the carious of patients attending the restorative dentistry clinic, faculty of Dental Sciences. International Dental Congress and 69th year SLDA annual sessions.
8. Waidyaratne, K P, Peiris, T S G and **Samita, S** (2001) Increasing the precision in tree crop experimentation. Proceedings of the Annual Research Sessions, University of Peradeniya, Vol 6, 43.
9. Dissanayake, D M, Sugathadasa, R and **Samita S** (2003) Low cost screening method for identification of haemoglobin E/b thalassaemias. Proceedings of the Annual Research Sessions, University of Peradeniya, Vol 8, 34.
10. Ranasinghe, J G S, Abeygunawardane, A, Gamlath, G R R D K, **Samita S** and Perera P A J (2004) Prophylactic use of yoghurt to reduce antibiotic association diarrhoea of children in Sri Lanka. Proceedings of the Sri Lanka College of Paediatricians, Vol 2 (5) 46.
11. Karunaratne, A, Amarasinghe, P H, Sandstead, H H, **Samita S** and Perera, P A J (2004) A micro nutrient intervention trial to assess the effect of zinc on anthropometric variables in preschool children. Proceedings of the 60th annual sessions of Sri Lanka Association for the Advancement of Science, 15

12. **Samita, S** and Dharmaratne, S D (2005) Logistic normal binomial model as an alternative to binomial model for analysing clinical group binary data with overdispersion. Proceedings of VIII biennial conference of International Biometrics Society (Indian Region), Bangalore, India, 62.
13. Anputhas M, **Samita S** and S De Z Abey Siriwardena (2005) Multivariate based variance component analysis as a technique for recommending crop varieties. Proceedings of VIII biennial conference of International Biometrics Society (Indian Region), Bangalore, India, 34–35,
14. Dharmaratne, S D and **Samita, S** (2005) Aspects of causative factors in road traffic accidents. Proceedings of VIII biennial conference of International Biometrics Society (Indian Region), Bangalore, India, 62.
15. **Samita, S** and Dharmaratne, S D (2006) Evaluation of Logistic normal binomial model as an alternative to binomial model in analysing clustered clinical data. Proceedings of XXIIIrd biennial conference of International Biometrics Society, Montreal, Canada, 31.
16. Anputhas M, **Samita S** and S De Z Abey Siriwardena (2006) Variance component analysis based on nested multivariate models as a tool for varietal recommendations, Proceedings of XXIIIrd biennial conference of International Biometrics Society, Montreal, Canada, 45.
17. Dharmaratne, S D and **Samita, S** (2006) Dynamic factor model to identify common trends in road traffic accidents in Asian countries. Proceedings of XXIIIrd biennial conference of International Biometrics Society, Montreal, Canada, 50.
18. **S Samita**, Dharmaratne S D , Jayasinghe, C and Anputhas, M (2006) Variability in the response probability as a latent variable in analysing clustered clinical data. Proceedings of International Conference on Statistical Latent Variable Models in Health Sciences, Perugia, Italy, 86-87.

19. Ranil, R. H. G., Pushpakumara, D. K. N. G., Suriyagoda, B. M. L. D. B., Sivanathawerl, T. and **Samita, S.** (2007) Biodiversity of pteridophytes at Mulawella Mountain of the Sinharaja Forest. Proceedings of the 12th International Forestry Environment Symposium, Kalutara, Sri Lanka.

20. Herath, K., Wijesuriya, W., **Samita, S.** (2012) Application of stochastic volatility models for prices for Sri Lankan rubber market with solutions for issues in model specification. Proceedings of International Biometric Conference, Kobe, Japan

21. Herath, K., Wijesuriya, W., **Samita, S.** (2012) Modelling on linear dependencies in raw rubber final returns. Proceedings of the Academic Sessions of the Annual Sessions, Institute of Applied Statistics Sri Lanka, Colombo, Sri Lanka, 9–10.

22. Ediriweera, E.P.D.S., **Samita, S.** (2012) Can a composite index predict ischaemic heart disease risk? 125th International Medical Congress, Sri Lanka Medical Association, 57 Supplement1: 44

23. Herath, K., Wijesuriya, W., **Samita, S.** (2013) Modelling price instability of Ribbed Smoked Sheets (RSS) in Colombo auctions. Proceedings of 7th Annual Research Forum, Sri Lanka Agricultural Economic Association (SAEA), Peradeniya, Sri Lanka

24. Brintha, N. K. K., **Samita, S.** and Abeynayake, N. R. (2013) Forecasting annual crop production in Sri Lanka with univariate Box–Jenkins models. Proceedings of the International Conference on Computing, Mathematics and Statistics, Penang, Malaysia, 38.

25. Herath, K., **Samita, S.** and Wijesuriya, W. (2013). Modelling price instability of ribbed smoked sheets (RSS) in Colombo auction. Seventh Annual research Forum, Sri Lanka Agricultural Economic Association (SAEA), University of Peradeniya, Peradeniya, 17.

26. Herath, K., Wijesuriya, W., **Samita, S.** (2014) An alternative method to use SARIMA – GARCH model on seasonal time series with volatility. Proceedings of Wayamba International Conference, Kuliyaipitiya, Sri Lanka

27. **Samita, S.**, Rajapakse, P. S., Howshigan, J. and Jayaweera, J. A. A. S. (2014) Non-Conventional Statistical Methods for Analysis of Clustered Clinical Data. Proceedings of the International Association for Dental Research Annual Sessions, Cape Town, South Africa, 31.
28. Herath, K., Wijesuriya, W., **Samita, S.** (2016) An alternative approach to specify models in ARCH/GARCH family, Proceedings of Australian International Conference, Canberra, Australia
29. **Samita, S** and Hewage S N. (2017) Patterns of manpower distribution in foreign employment of Sri Lankans. Proceedings of the 12th International Symposium of Internationalization of Research, Education and Regional Society on Foreign Labour and Economic Development: The Experience of Asia, Saga University, Japan, 53– 61.
30. Dharmawardena, P, Thattil, R O, and **Samita, S** (2017) Statistical methodology for urban rural classification in Sri Lanka. Proceedings of the International Statistics Conference, Colombo, Sri Lanka, 120.
31. Bandara, S. M. R., **Samita, S.**, Ralapanawa U., Kiridana, R. B., Wijesinghe, R. M. P., Abbas, J., Gunaratne, D. and Bandara, V. A. I. V. (2018) Nitric oxide and carbon monoxide concentration in paranasal sinuses air of migraine patients and healthy controls: A patient– control parallel group study. Proceedings of Ninth Annual Congress of Neurotalk, Bangkok, Thailand, 89.
32. Odoi, B., **Samita, S.**, Al-Hassan, S. and Twumasi-Ankrah, S. (2019) Efficiency of Bartlett and Levenes Tests for Testing Homogeneity of Variance under varying Number of Replicates and Groups in One–Way ANOVA. Proceeding of International Conference on Mathematic, Statistics and Applied Science, Colombo, Sri Lanka 42– 46.
33. Ranasinghe, G. G. S. and **Samita, S** (2020) Latent relationships among demographic, socio-economic, anthropometric and serum biochemical characteristics in a population on dietary advice: multiple correspondence analysis approach, Proceeding of

International Conference on Environmental and Medical Statistics, Postgraduate Institute of Science, University of Peradeniya, 42.

34. Gallage, H. C., Weerasinghe, L. A. D. E., **Samita, S.**, Kalupahana, R. S., Karunarathna, H. M. T. K. and Kottawatta, K. S. A. (2021) Microbiological quality assessment of poultry broiler feed and their major raw materials collected from commercial feed distributors in Kurunegala District, Proceedings of the Peradeniya University International Research Sessions, Peradeniya, Sri Lanka, ...
35. Gallage, H. C., Weerasinghe, L. A. D. E., **Samita, S.**, Kalupahana, R. S., Karunarathna, H. M. T. K. and Kottawatta, K. S. A. (2021) Microbiological quality assessment of broiler feed along the feed distribution chain, Proceedings of 73rd Veterinary Annual Research Sessions, Oak Ray Regency Hotel, Kandy, Sri Lanka

Thesis Supervision:

Ph.D

Sivachandiran, S (2000) Fertilizer response functions and optimum levels for bean cultivation in Badulla district. *Ph.D. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

De Silva, A P G S (2000) Construction of human development indices using multivariate techniques. *Ph.D. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

Satarasinghe A J (2002) GIS as a stratification technique ... *Ph.D. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

Wijesuriya, W (2004) Development of performance indicators and statistical techniques for analyzing participatory research in smallholder rubber units. *Ph.D. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya

Herath, H M L K (2015) Non-conventional methods for modelling time series *PhD Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

Bandara A M K R (2016) Nonparametric and semiparametric profile monitoring methods for non-normal data. *PhD Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

Odoi, B (2020) Modifications to Bartlett's and Levene's tests for homogeneity of variance in factorial experiments, *PhD Thesis*. Department of Mathematical Sciences, Faculty of Engineering, University of Mines and Technology (UMaT), Tarkwa, Ghana

Dharmawardena, P (2021) Development of statistical methodology for urban/rural classification in Sri Lanka, *PhD Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

M.Phil.

Peiris T U S (2000) Analysis of rainfall distribution in coconut growing areas in Sri Lanka. *M.Phil. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

Amputhas M (2004) Multivariate approach in recommendation of crop varieties. *M.Phil. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

Kularatne, J D J S (2008) Feasibility of single palm plot in coconut experimentation. *M.Phil. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya

Waidyaratne, K. P (2010) Climatic risk in agricultural planning: Change in rainy seasons. *M.Phil. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

Wickramarachchi, D. C. (2010) Maximum likelihood estimation for multinomial type distributions and goodness of fit test based on exact probabilities. *M.Phil. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

Fernando, M. A. C. S. S. (2011) Construction of a composite index for urbanization. *M.Phil. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

Brintha, I (2014) Forecasting annual national production of perennial crops: Case of coconut production in Sri Lanka. *M.Phil. Thesis*. Postgraduate Institute of Agriculture, University of Peradeniya.

M.Sc

Murugaiah Y (2001) Modelling crop growth by non linear models. M.Sc Thesis Postgraduate Institute of Science, University of Peradeniya.

Jayakumar S (2001) Determination of factors affecting the performance of students on the subject science at GCE(O/L) examination in Batticaloa district. Postgraduate Institute of Science, University of Peradeniya.

Dorabawila, S S K B M (2000) Classification of state schools in Sri Lanka: A multivariate approach. Postgraduate Institute of Science, University of Peradeniya.

Anura S J M N (2002) Modelling clustered binary data using beta binomial model Postgraduate Institute of Science, University of Peradeniya.

Pathirage R P (2002) Analysis of contingency tables with multiple responses – special emphasis on three-way tables, Postgraduate Institute of Science, University of Peradeniya.

Bakeerathan, M (2003) A Concept of non-parametric procedure for testing homogeneity of variance and a non-parametric approach in testing higher order interactions, Postgraduate Institute of Science, University of Peradeniya.

Shashikumar, N. (2008) Negative binomial distribution as an alternative to Poisson distribution for clustered counts. Postgraduate Institute of Science, University of Peradeniya.

Jayasena T D S N. (2012) Analysis of paired scores with clustering. Postgraduate Institute of Science, University of Peradeniya.

Fernando, D, R. (2021) Identifying panel inconsistency in sensory profiles using multivariate analysis of variance (MANOVA) and follow-up canonical variate analysis (CVA). Postgraduate Institute of Agriculture, University of Peradeniya [SLQF10].

Wickramarachchi, W W U I. (2022) Modelling trends, fitting best-fit probability distributions and analysis of shifts in monthly rainfall distributions of eastern and north-western provinces, Sri Lanka. Postgraduate Institute of Agriculture, University of Peradeniya [SLQF10].

Academic / Professional Distinctions

1) Awards

- 1.1 President's Research Awards 2006
- 1.2 President's Research Awards 2010
- 1.3 President's Research Awards 2014
- 1.4 Merit Research Awards 2015
- 1.5 Merit Research Awards 2017

2) Chairperson of International Conferences

- 2.1 Chairperson of the session, Statistics in Sports of the International Sri Lankan Statistical Conference: Visions of Futuristic Methodologies, University of Peradeniya Sri Lanka and RMIT University Australia, 2004, held at University of Peradeniya, Sri Lanka
- 2.2 Chairperson of the session, Evidence-based Dentistry Network–Clinical Practice Based on Scientific Evidence: International Association for Dental Research Annual Sessions, 2014, held in Cape Town, South Africa
- 2.3 Chairperson of a contributed session, Third International Statistics Conference, Institute of Applied Statistics Sri Lanka and University of Maryland, Baltimore County, 2017, held in Colombo, Sri Lanka.

3 Member of an Editorial Board of a Journal

Annual Journal of the Dept. of Wild Life Conservation

4 Invited Speeches

- 4.1 Invited speaker on ‘Categorical Data Analysis – An Overview’ for the officers of the Dept. of Census and Statistics, 06 May 2003, at the Hector Kobbekaduwa Agrarian Research and Training Institute, Colombo

- 4.2 Invited speaker on use of Statistics for Decision Making in Business Industry and Research, 24 August 2005 at SLAAS, Colombo

Employment Record :

1. Senior Professor, University of Peradeniya (February, 2016 onward)
2. Professor, University of Peradeniya (February, 2008 – February 2016)
3. Senior Lecturer, University of Peradeniya (August 1997 – February 2008)
4. Probationary Lecturer University of Peradeniya, August, 1993 - August, 1997.
Assistant Lecturer University of Peradeniya, February 1990 – July 1992
5. Temporary Assistant Lecturer University of Peradeniya, May 1989- Dec 1989
6. Research Assistant, Institute of Fundamental Studies, Kandy May 1988 – April 1989

Experience acquired

- Overall executive officer of a Postgraduate Institute
- Twenty six years of undergraduate teaching and research supervision
- Twenty eight years of postgraduate teaching and research supervision
- Use of Statistical packages
- Writing scientific articles
- Undertaking surveys
- Writing survey reports
- Reviewing research articles
- Monitoring and evaluation

- Sampling and Survey data analysis
- Project analysis
- Analysis of data from Medical, Agricultural and Biological studies.
- Developing indices and statistical methods
- Administration of academic and academic support staff
- Administration of research staff

Overseas/International duties:

- **Visiting Professor:** Department of Mathematics and Statistics, Kumasi Polytechnic, Ghana, West Africa, January 2014 to August 2014

Resource Person to Workshops with International Participants

- Resource person to the Regional Workshop on Application of Statistics in Agricultural, Medical and Biological Sciences conducted by the Ministry of Foreign Affairs and Postgraduate Institute of Agriculture, University of Peradeniya, 19 February–21 March 2002, Peradeniya, Sri Lanka. (Note that participants were from South Asian countries)
- Resource person to third country training programme in plant genetic resources conservation and management 6 February – 5 March 2002 at the Plant Genetic Resource Centre Department of Agriculture. (Note that participants were from South Asian countries)
- Resource person to Regional workshop on biotechnology, Organized by UNESCO–India and University of Peradeniya, 8 –18 February 1999 at the Faculty of Agriculture (Note that participants were from South Asian countries)
- Resource person to the Workshop on data analysis, 4– 7 April 2014 at Kumasi Polytechnique, Ghana

Resource Person to UNO activities

- Resource person and coordinator to the workshop on Analysis of Data from Surveys. Organized and funded by UNICEFF, 28–30 November, 7–8 December 2011

- Resource person to the training course on Multivariate methods, organized and funded by SIAP/ESCAP, for the Department of Census and Statistics of Sri Lanka, 24 – 28 March, 2010.
- Training Programme in Statistics for National Aquatic Resource Agency officers of Sri Lanka, Funded by FAO/CIDA, 8 – 12 March 2010.

Projects undertaken:

(i) National

- Data analysis for the FAO project, Peradeniya Botanical Gardens, Department of Agriculture, 1991.
- Benefit monitoring and evaluation of Small Holder Tea Development Project of ADB, April, 1999.
- Statistical analysis of Grade V scholarship examination results, Ministry of Education, 2005
- Analysis of the Survey on ICT Usage in Government Sector (A project initiated by the Information & Communication Technology Agency of Sri Lanka (ICTA) World Bank Funded Project 2007)
- Analysis of the Survey on Government Organizations Employees Survey (A project initiated by the Information & Communication Technology Agency of Sri Lanka (ICTA) World Bank Funded Project 2007)
- Analysis of the Survey on Government Organizations Visitors Survey (A project initiated by the Information & Communication Technology Agency of Sri Lanka (ICTA) World Bank Funded Project 2007)
- Analysis of the Survey on *Nenasala* Interim Survey (A project initiated by the Information & Communication Technology Agency of Sri Lanka (ICTA) World Bank Funded Project 2007)

- Analysis of the base line Survey on Plantation Community Empowerment Project (PCEP) (A project initiated by the CARE International (EC Funded Project 2009)
- Analysis of the baseline / bench mark survey of the Second Community Development and Livelihood Improvement Project, Ministry of Economic Development (2013)
- Analysis of annual outcome survey: Smallholder tea and rubber revitalization (STaRR) project: 2021/2022

(ii) International

- Survey on setting up of a Centre for Research and Technology Development Incubation (CRTDI) at Kumasi Polytechnique, Ghana (2014)

Resource Person to Seminars/Workshops

1. Resource person to the Short Course in Computer Applications, for Second Agriculture Extension Project, University of Peradeniya (16-26 April 1996)
2. Resource person to the Short Course in Computer Applications, for Second Agriculture Extension Project, University of Peradeniya - (06-17 May 1996)
3. Resource person to the Short Course in Sampling Techniques, conducted by the Postgraduate Institute of Science, University of Peradeniya - 1996.
4. Resource person to the Training Course in Computer Applications, for Stenographers Association of University of Peradeniya (7-11 April, 1997),
5. Resource person to the Short Course in Medical Statistics, conducted by the Postgraduate Institute of Science, University of Peradeniya - 1997.
6. Resource person to the Short Course in Micro-computer Applications, 11-15 August, 1999, conducted at the Postgraduate Institute of Science, University of Peradeniya - 1997.

7. Resource person to the Short Course in Computer Applications, for Second Agriculture Extension Project, conducted by Faculty of Agriculture, University of Peradeniya - 1995.
8. Resource person to the Short Course in Spreadsheets and Database Managements, conducted by the Postgraduate Institute of Science, University of Peradeniya - 1998.
9. Resource person to the Short Course in Design and Analysis of Experiments, conducted by the Postgraduate Institute of Agriculture, University of Peradeniya - 1998.
10. Resource person to the Short Course in Survey Design and Analysis, conducted by the Postgraduate Institute of Agriculture, University of Peradeniya – 8-12 February 1999.
11. Resource person to the Short Course in Design and analysis of Experiments, conducted by the Postgraduate Institute of Agriculture, University of Peradeniya - 1999.
12. Resource person to the Workshop on Computer Aided Statistical Analysis, for the Academic Staff of Faculty of Applied Sciences, Sabaragamuwa University of Sri Lanka (12-13 November 1999) at Buttala
13. Resource person to the Short Course in Survey Design and Analysis, conducted by the Postgraduate Institute of Agriculture, University of Peradeniya - 2000.
14. Resource person to the Short Course in Design and Analysis of Experiments for the Research Officers of the Department of Agriculture, 17-19 July 2000 at Gannoruwa, Peradeniya
15. Resource person to the Short Course in Sampling Techniques, Survey Design and Analysis conducted for Research Officers of Tea Research Institute (TRI) 24 – 26 July, 2000 at TRI, Talawakele
16. Resource person to the Short Course in Survey Design and Analysis, conducted by the Postgraduate Institute of Agriculture, University of Peradeniya – 8-12 February 1999..

17. Resource person to the Short Course in Business Statistics and Mathematics, conducted by the Postgraduate Institute of Science, University of Peradeniya - 2002.
18. Resource person to the Short Course Buffet on Computer Applications and Statistics conducted by the Postgraduate Institute of Science, May 9-11, 2003 at the Postgraduate Institute of Science University of Peradeniya
19. Training workshop on Statistics (IRQUE Project) for the academic members of Faculty of Applied Sciences, Sabaragamuwa University of Sri Lanka, 26–27 January, 2009 at Sabaragamuwa University, Belihuloya.
20. Country course on Multivariate Statistical Methods sponsored by United Nations Statistical Institute for Asia and Pacific for Staff of the Department of Census and Statistics, 21–25, July 2009 at the Training Division of Department of Census and Statistics, Colombo 04.
21. Short course on Categorical Data Analysis to the staff of Census and Statistics, under Statistical Capacity Upgrading Project (STATCAP) of Department of Census and Statistics, 28 September – 02 October, 2009, at the Training Division of Department of Census and Statistics, Colombo 04.
22. Short course on Categorical Data Analysis to the staff of Census and Statistics, under Statistical Capacity Upgrading Project (STATCAP) of Department of Census and Statistics, 13 – 17, September 2010, at the Training Division of Department of Census and Statistics, Colombo 04.
23. Short course on Multivariate Methods to the staff of Census and Statistics, under Statistical Capacity Upgrading Project (STATCAP) of Department of Census and Statistics, 11 – 15, October 2010, at the Training Division of Department of Census and Statistics, Colombo 04.

24. Short course on Multivariate Methods to the staff of Census and Statistics, under Statistical Capacity Upgrading Project (STATCAP) of Department of Census and Statistics, 26 – 30, October 2010, at the Training Division of Department of Census and Statistics, Colombo 04.
25. Short course on Analysis of Data from Surveys organized by the UNICEF for the officers of Ministry of Education and Department of Census and Statistics, 28–30 November and 7–8 December 2011 at Hotel Renuka, Colombo 03.
26. Short Course on Design and Analysis of Experiments, conducted by the Board of Study Biostatistics of Postgraduate Institute of Agriculture, University of Peradeniya 01–05 April 2013 at the Postgraduate Institute of Agriculture, University of Peradeniya.
27. Short Course on Sampling Techniques, Survey Design and Analysis conducted by the Board of Study Biostatistics of Postgraduate Institute of Agriculture, University of Peradeniya 04–06 September 2013 at the Postgraduate Institute of Agriculture, University of Peradeniya.
28. Short Course on Analysis of Count and Rank Data, conducted by the Board of Study Biostatistics of Postgraduate Institute of Agriculture, University of Peradeniya 23–26 September 2014 at the Postgraduate Institute of Agriculture, University of Peradeniya.
29. Short course on Multivariate Methods organized by the Board of Study of the Postgraduate Institute of Agriculture, University of Peradeniya, 23 – 25, October 2015, at the Postgraduate Institute of Agriculture.
30. Short Course on Sampling Techniques, Survey Design and Analysis conducted by the Board of Study Biostatistics of Postgraduate Institute of Agriculture, University of Peradeniya 21–23 September 2015 at the Postgraduate Institute of Agriculture, University of Peradeniya.

31. Short Course on Data Analysis using R conducted by the Board of Study Biostatistics of Postgraduate Institute of Agriculture, University of Peradeniya 11–13 November 2015 at the Postgraduate Institute of Agriculture, University of Peradeniya.
32. Short course on Survival Data Analysis organized by the Institute of applied Statistics, Sri Lanka (IASL), 23 February, 2016, at Institute of Applied Statistics, Sri Lanka, Colombo.
33. Short course on Multivariate Methods organized by the Board of Study of the Postgraduate Institute of Agriculture, University of Peradeniya, 28 – 30, March 2016, at the Postgraduate Institute of Agriculture.

Appointments/ Administrative Positions:

- Director (Chief Executive Officer), Postgraduate Institute of Agriculture (PGIA), University of Peradeniya (August 04, 2014 to August 05, 2017)
- Head/ Department of Crop Science, Faculty of Agriculture, University of Peradeniya, September, 2003 to September 2006
- Chairman, Board of Study in Biostatistics, Postgraduate Institute of Agriculture, University of Peradeniya, January 2002.to January 2007
- Member of the Board of Management, Postgraduate Institute of Agriculture, January 2002 to January 2007
- Secretary, Board of Study in Biometry, Postgraduate Institute of Agriculture, University of Peradeniya, 1997 – 2002.
- Member, Board of Study in Biometry/Biostatistics, Postgraduate Institute of Agriculture, University of Peradeniya, 1997 – 2013

- Member, Board of Study in Applied Statistics and Computer Science, Postgraduate Institute of Science, University of Peradeniya, 1996 – 2013.
- Member of the Teaching panel, Board of study in Biometry, Postgraduate institute of Agriculture, 1995 onward
- Member of the Teaching panel, Board of study in Statistics and Computer Science, Postgraduate institute of Science, 1997 onward
- Member of the Teaching panel, Board of study in Environmental Science, Postgraduate institute of Science, 2001 onward
- Member of the Teaching panel, Board of study in Mathematics, Postgraduate institute of Science, 2001 onward
- Member of the Teaching panel, Board of Study in Science and Education, Postgraduate institute of Science, 2002 onward
- Member of the Teaching panel, Higher Degree programme, Faculty of Arts, University of Peradeniya, 1998 – 1999
- Visiting Lecturer, Faculty of Science, University of Peradeniya. (1996 – 2007)
- Visiting Lecturer, Faculty of Veterinary Medicine and Animal Science, University of Peradeniya. (Since 1996)
- Visiting Lecturer, Faculty of Allied Health Science, University of Peradeniya. (Since 2007)
- Visiting Lecturer, Postgraduate Institute of Agriculture, University of Peradeniya. (Since 1996)
- Visiting Lecturer, Postgraduate Institute of Science, University of Peradeniya. (Since 1997)

- Visiting Lecturer, Faculty of Arts (Higher degree programme), University of Peradeniya. (Since 1998)
- External Examiner, Faculty of Applied Science. University of Jaffna (Since 1997)
- External Examiner, Faculty of Applied Science. Sabaragamuwa University (Since 1997 – 2004)
- External Examiner, Faculty of Agriculture. Eastern University (1997 - 2004)
- External Examiner, Faculty of Applied Science. South Eastern University (1997 – 2000)
- External Examiner, Faculty of Applied Science, Rajarata University of Sri Lanka. (Since 1997)
- External Examiner, Faculty of Management Studies, Rajarata University of Sri Lanka. (Since 1997)

Other Credentials:

- President, Applied Statistics Association of Sri Lanka (currently known as Institute of Applied Statistics, Sri Lanka) (2002/2003, 2003/2004, 2004/2005)
- Secretary, Applied Statistics Association of Sri Lanka (currently known as Institute of Applied Statistics, Sri Lanka) (1999/2000, 2000/2001, 2001/2002)

Contribution to National and Institutional Development

1. Resource person to the workshop on Designing and Data Analysis of Experiments for Research Officers, conducted by Department of Agriculture, Sri Lanka - 1994.

2. Resource person to the workshop on General Linear Models for organized by the National Science Foundation, 13-15 March 2001 at the National Science Foundation, Colombo.
3. Resource person to the national workshop on science education for GCE A/L teachers organised by the Postgraduate Institute of Science, 13-15 March 2002 at the Postgraduate Institute of Science, University of Peradeniya.
4. Resource person to the national workshop on scientific writing organised by the Postgraduate Institute of Science, 15-17th September 2000 at the Postgraduate Institute of Science, University of Peradeniya.
5. Conducted a seminar on ‘Categorical Data Analysis – An Overview’ for the officers of the Dept. of Census and Statistics, 06 May 2003, at the Hector Kobbekaduwa Agrarian Research and Training Institute, Colombo
6. Resource person to the Workshop on Information Technology, conducted by the Science and Technology Personnel Development project of the Ministry of Science and Technology, 21-25 March 2000.at Faculty of Science, University of Peradeniya.
7. Resource person to the workshop on Sampling and analysis of discrete variables for the Sri Lanka Evaluation Association, May 2000 at National science Foundation, Colombo.
8. Resource person to the workshop on Computer aided statistical analysis for the academic staff of faculty of Applied Sciences, Sabaragamuwa University of Sri Lanka, 12-13 November, 1999.
9. Resource person to the workshop on Computer Applications, for Second Agriculture Extension Project officers, conducted by Faculty of Agriculture, University of Peradeniya - 1996.
10. Resource person to the workshop on Computer Applications, for Second Agriculture Extension Project officers, 16-26 April 1996, conducted by Faculty of Agriculture, University of Peradeniya

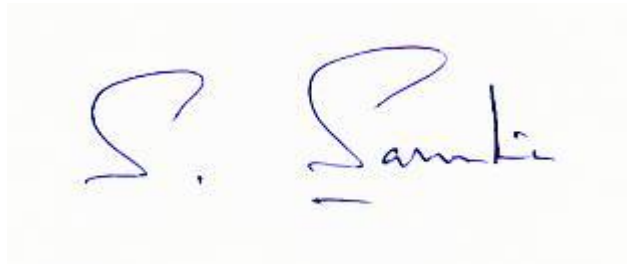
11. Resource person to the workshop on Computer Applications, for Second Agriculture Extension Project officers, 6-17 May 1996, conducted by Faculty of Agriculture, University of Peradeniya
12. Resource person to the workshop on Sampling Techniques, Survey Design and Analysis for Research officers of the Tea Research Institute, 24-26 July 2000 at Tea Research Institute, Talawakele.
13. Resource person to the workshop on Designing and Data Analysis of Experiments for Research Officers, conducted by Department of Agriculture, Sri Lanka - 1994.
14. Resource person to Regional training programme in plant breeding, Organized by Faculty of Agriculture, Postgraduate Institute of Agriculture and National Science Foundation, 15-19 May 2001 at the Faculty of Agriculture
15. Resource person to the Training course on computer application for stenographers association of University of Peradeniya, 7-11 April 1997
16. Resource person to the Training course on computer application for stenographers association of University of Peradeniya, 14-18 October 1996
17. Training on Statistics (IRQUE Project) for the academic members of Faculty of Applied Sciences, Sabaragamuwa University of Sri Lanka, 26-27 January, 2009 at Sabaragamuwa University, Belihuloya.
18. Country course on Multivariate Statistical Methods sponsored by United Nations Statistical Institute for Asia and Pacific for Staff of the Department of Census and Statistics, 21-25, July 2009 at the Training Division of Department of Census and Statistics, Colombo 04.
19. Short course on Categorical Data Analysis to the staff of Census and Statistics, under Statistical Capacity Upgrading Project (STATCAP) of Department of Census and

Statistics, 28 September – 02 October, 2009, at the Training Division of Department of Census and Statistics, Colombo 04.

20. Short course on Categorical Data Analysis to the staff of Census and Statistics, under Statistical Capacity Upgrading Project (STATCAP) of Department of Census and Statistics, 13 – 17, September 2010, at the Training Division of Department of Census and Statistics, Colombo 04.
21. Short course on Multivariate Methods to the staff of Census and Statistics, under Statistical Capacity Upgrading Project (STATCAP) of Department of Census and Statistics, 11 – 15, October 2010, at the Training Division of Department of Census and Statistics, Colombo 04.
22. Short course on Multivariate Methods to the staff of Census and Statistics, under Statistical Capacity Upgrading Project (STATCAP) of Department of Census and Statistics, 26 – 30, October 2010, at the Training Division of Department of Census and Statistics, Colombo 04.
23. Short course on Analysis of Data from Surveys organized by the UNICEF for the officers of Ministry of Education and Department of Census and Statistics, 28–30 November and 7–8 December 2011 at Hotel Renuka, Colombo 03.
24. Workshop on R and Stata for the academic members of Faculty of Applied Sciences, Sabaragamuwa University of Sri Lanka, 26–27 October, 2017 at Sabaragamuwa University, Belihuloya.
25. Workshop on Undergraduate Research for the academic members of Faculty of Medicine, University of Jaffna, Sri Lanka, 14–15 February, 2018 at University of Jaffna
26. Served as a member of selection committee for the recruitment of Temp. Assistant Lecturers in Statistics, South Eastern University of Sri Lanka.

Language Proficiency :

Followed the ODA technical cooperation, pre-departure language training programme (250 hours) (IELTS score 8.5 out of maximum 9, 1992)

A photograph of a handwritten signature in blue ink on a light-colored background. The signature consists of a stylized initial 'S.' followed by the name 'Samita' written in a cursive script.

Date: 04 May 2023

Prof S Samita