

Curriculum Vitae



Dr. (Mrs.) MRJC Chandrakantha Mahendranathan

1. Personal details:

Title : Dr.
Name with initials : M R J C Mahendranathan
Full name : Marina Rose Josephin Chandrakantha Mahendranathan
Date of Birth : 1965.05.08
Nationality : Sri Lankan
Religion : Roman Catholic

Postal Address :
Official Private

*Senior Lecturer (Gr. I),
Department of Botany,
Eastern University, Sri Lanka
Chenkalady,
Telephone: 065-2240590 Ext.203
Fax: 065-2240758*

*No.21, Fattimagiri Lane,
Thandavanvelli,
Batticaloa,
065-2224636
0772 516 404*

E-mail: chandrakantha@esn.ac.lk
mjchandrakantha@gmail.com

2. Current Employment

- Senior Lecturer (Gr. I) in Botany, Faculty of Science, Eastern University, Sri Lanka

3. Other Academic/Administrative Positions, being held at present at EUSL;

1. Head, Department of Botany, Faculty of Science, EUSL
2. Member of the Senate, EUSL
3. Member of the Faculty Board of Science, EUSL
4. Member of the Faculty Curriculum Development Committee, faculty of Science, EUSL
5. Member of the faculty Quality Assurance Cell, EUSL.
6. Member of the Board of Study of the Faculty of Science, Faculty of Graduate Study, EUSL
7. Faculty Coordinator, Gender Equity and Equality Cell (GEE) Faculty of Science, EUSL

4. Other Positions, being held, at present Provincial and National level;

1. President, Sri Lanka Universities Sports Association (SLUSA, affiliated to World Universities Sports Federation, Asian Universities' Sports Federation and South Asian Universities Sports Federation) and member of all the National Sports' Association, Sri Lanka, 2019-2021.
2. Resource Person for "Promoting the Organic farming" at the Eastern Province towards the National Policy, Sri Lanka.

5. Other Academic Positions, held, within the organization

- Member of the Senate, Eastern University, Sri Lanka (EUSL)
- Member of the Faculty Board, Faculty of Science, EUSL
- Faculty Representative, University Gender Equity & Equality cell, EUSL
- Member of the Higher Degree Committee, Faculty of Science, EUSL
- Resource Person, Staff Development Centre, EUSL
- Visiting Lecturer, Faculty of Technology, EUSL
- Visiting Lecturer, Faculty of Agriculture, EUSL

6. Other Positions, held:

- **Vice-President, Federation of University Teachers' Association, Sri Lanka (2019/2020).**
- **Vice-President, Teachers' Association of Eastern University, Sri Lanka (2019/2020)**
- **President, Senior Common room Society, EUSL (2019/2020)**

- Provincial Consultant of District Governor for Eastern Province for the Lions District - 306 C2 of International Lions Clubs 2019/2020)

7. Educational/Professional Qualifications:

- Application submitted for the promotion of a Merit Professor and Professor (Chair) and evaluation to be completed by the University.
- **PhD** (2014 -EUSL and Cranfield University, UK, Commonwealth -split-site Scholarship).
- **M.Phil (2003)** - Postgraduate Institute of Science, University of Peradeniya, Sri Lanka.
- B.Sc. Special Degree (Hons. in Botany, 1995), Eastern University, Sri Lanka.
- Certificate in Teaching in Higher Education, Staff Development Center, University of Colombo, Sri Lanka (1999).
- Three months overseas training in “Laboratory Management and Food Analysis” in Shri Shivagi University, Kollapur, India.

8. Work Experiences at the Eastern University

1. **Senior Lecturer (Gr. I)** : from 03.09.2020 **till to date.**
2. **Senior Lecturer (Gr. I)** : from 10. 05. 2009 to 18.03.2020 **(11 years).**
3. **Senior Lecturer (Gr. II)** : from 10. 05. 2003 to 09.05.2009 **(09 years)**
4. **Lecturer (Prob)** : from 27. 01. 97 to 09.05.2003. **(06 years)**
5. **Temp. Assistant Lecturer** : from 10. 01. 96 to 26. 01. 1997.
6. **Temp. Demonstrator** : from, 14. 06. 95 to 09. 01. 96.

- ***I was elected, by the Council of the Eastern University, as the second candidate, among the first three, to be appointed by the His Excellence The President of Sri Lanka, as the Vice-Chancellor of the Eastern University, Sri Lanka, in the years 2015 and 2018 as the First ever Female nominee in the history of the Eastern University, Sri Lanka.***

9. Community Involvement and achievements in Social activities

- a. Charter President-International Lions Club/ Eastern University Campus Lions Club -District-306, C2- 2006/07
- b. District Governor’s Special Programme Co-ordinator for “Women’s Empowerment and child development - Lions Clubs International District 306C2 – 2008/2009
- c. Zone chairperson – Lions Clubs International District 306 C2 -2012/13
- d. Region chairperson – Lions Clubs International District 306C2 – 2014/15
- e. Region Advisor – Lions Clubs International District 306 C2 – 2017/18

- f. Consultant/Eastern Province for Governor/International Lions Club District 306-C2 2019/20
- g. Chief Consultant of the District Governor-Lions District 306-C2, for the Eastern Province at present. It is the top most position of the Province in the Lions clubs administration. This has been achieved due to my 16 years social service as a member of the International Lions club.

10. Administrative Positions, held within the Eastern University, SL

1. **Head of the Department of the Botany, Faculty of Science, EUSL, with effect from 25th of June, 2021 for next three years.**
2. **Director, Centre for External Degrees and Extension Courses** (CEDEC), Eastern University, Sri Lanka from 01.11.2015 31.10.2018.
3. **Director of the Centre for Information and Communication Technology (CICT) / Eastern University** from 02.05.2012 to 02.05.2013.
4. **Director/Career Guidance Unit** at Eastern University from 09. 07. 2004 – 30. 09. 2008.
5. **Head, Department of Botany**, Eastern University, Sri Lanka from 01. 06. 06 to 30. 08. 2007.
6. Deputy Coordinator for UDG (University Development Grant)/ Information Communication Technology (ICT) to the Operational Technical Secretariat (OTS) of the Higher Education for Twenty first Century (HETC) project, EUSL from 01.10.2012 to 30.05.2013.
7. Faculty nominee to the Senate as the Faculty Representative from 05.11.2012 for three years.
8. Faculty nominee to the Senate as the Faculty Representative from 04.06.2003 to 30. 05. 2006.
9. Coordinator for M.Sc. in Science Education programme, Faculty of Science, EUSL from September and 15.02.2006 – 30. 09. 2008.
10. Students Counsellor from 01. 02. 2001 – 10. 06. 2007 and from 01.08.2015.
11. Chief Counsellor of the Catholic Association, Eastern University, from 01. 03. 2004 – 30.11. 2006.
12. Coordinator for “Reproductive Health and Counselling programme” for Faculty of Science under UNFPA project of the University Grant Commission, Sri Lanka during the year 2006/2007.
13. Person-in-Charge for Students Counseling programme of the ‘Social Harmony” component of Eastern University, under the IRQUE (Improving Relevancy and the Quality of Undergraduate Education) project of World Bank from 01. 02. 2004 to 01. 03. 2006.
14. Coordinator/Dept. of Botany and carried out the Academic and Administrative works from 1st of February, 2001 to 1st of February, 2002.

Research Interests

- **Plant Pathology**
- **Postharvest Pathology and Technology**

- Industrial and Environmental Microbiology
- Food Microbiology

11. Research publications

I. Book publications

1. **Mahendarnathan C.** and E.M.Maleesha Chamindri Ekanayaka (2021). “Bio fertilizers- A promising alternative to Chemical Fertilizer”. Lambert Academic Publishing, Chisinau-2068, Republic of Moldov.
2. **Mahendranathan C.** and Abhayarathne AHYG (2021). Antibacterial activities of Green leafy vegetables and Medicinal Plants; Lambert Academic Publishing, Chisinau-2068, Republic of Moldov a; ISBN: 978-620-3-85687-3.
3. Priyashantha, KHA and Mahendranathan, C (2020). Introduction to Microbiology. Oxford book company publishers, Jaipur, India.
4. Sithambaresan, M., Priyantha W.M., Samarasinghe and **Mahendranathan C.** (2018). Phenylmethylidene Thiourea Copper Complex and Antibacterial Activity. Saarbrücken, German: Lap Lambert Academic Publishing.

2. Book Chapter

Priyashantha, AKH., and Mahendranathan, C. (2021). “Paspanguwa”; A Traditional Sri Lankan Herbal Drink”. In; Guang Yih Sheu (2021). “New Ideas Concerning Science and Technology Vol. 9”. Book Publisher international. 90-96 pp

II. Publications in Refereed Journals

1. Abhayarathna AHYG and Mahendranathan C. (2024). *In-vitro* antibacterial activity of *Boerhavia diffusa* leaf extract against *Staphylococcus aureus* and *Escherichia coli*. Ceylon Journal of Science 53 (1) 2024: 45-49. DOI: <http://doi.org/10.4038/cjs.v53i1.8314>.
2. Jayathilake, N.H.A.M., Arasaretnam, S. and Mahendranathan, C., (2022). Synthesis, characterization, ion chelation exchange capability and antibacterial properties of the o-cresol-formaldehyde-catechol-based copolymer. Vingnanam Journal of Science, 17(2), pp.9–17.
3. Nawananda, P.H.R.S. and Mahendranathan, C.,(2022). New record of anthracnose disease in leaves of *Plumeria pudica* in Sri Lanka. Vavuniya Journal of Science, 1(2):56-60.

4. Mahendranathan C. (2021). Influence of deficit irrigation in enhancing the Postharvest quality of vegetables. *International Journal of research Publication*. 83(1). DOI: 100831820212175. <https://ijrp.org/paper-detail/2175>
5. Abhayarathne AHYG and **Mahendranathan C (2021)**. *In-vitro* antibacterial activity of *Sesbania grandiflora* and *Boerhavia diffusa* against two selected strains of human pathogenic bacteria. Proceeding of the Annual Research Session, Eastern University, Sri Lanka.
6. **Mahendranathan C** and Abhayarathne (2021) Efficacy of different solvent extracts from the aerial parts of *Costus speciosus* (Koen.) for the potential antibacterial activity against selected human pathogenic bacteria (2021). *International Journal of research Publication*. 7(1).pp. **130 – 137**. DOI: [10.47119/IJRP100771520211937](https://doi.org/10.47119/IJRP100771520211937)
7. Priyashantha AKH, **Mahendranathan C. (2021)**. Biosurfactants: An Alternative Approach to Synthetic Surfactants. *International Journal of Research and Review*.; 8(2): pp. 550-565.
8. Mahendrarajah, H., Krishanthiny, K. and **Mahendranathan, C., (2020)**. Antibacterial activity and preliminary screening of phytochemicals of locally available Green Leafy Vegetables in Batticaloa district, Sri Lanka. *AGRIEAST: Journal of Agricultural Sciences*, 14(2), pp.9–16. DOI: <http://doi.org/10.4038/agri east.v14i2.93>
9. Priyashantha, KHA and **Mahendranathan, C (2020)**. Traditional uses of medicinal plants in Sri Lanka with special reference to Herbal drinks: A Review. *Journal of Biology and Nature*. 11(2); 1-13. (NLM ID; 101679666)
10. Thayalan, S, Priyashantha, AKH and **Mahendranathan C. (2020)**. A preliminary survey on postharvest challenges of small-scale farm holders of mango (*Mangifera indica* L) of Batticaloa district, Sri Lanka; Status and requirement. *International Journal of Engineering Applied Sciences and Technology*, Vol. 4, Issue 11, ISSN No. 2455-2143, Pages 289-295. DOI: 10.33564. Published Online March 2020 in IJEAST (<http://www.ijeast.com>)
11. Priyashantha, KHA and **Mahendranathan, C (2020)**. Heavy Metal Contamination and Accumulation in Groundwater and Food Crops in Sri Lanka: A Review. *Vingnanam Journal of Science*, 14(2), p.1-7.
12. Hasith Priyashantha, AK., Krishanthiny K, **Mahendranathan C, (2020)**. Pre and Post-Harvest Losses of Cashew (*Anacardium occidentale* L.) In Batticaloa District, Sri Lanka; Preliminary Investigation of the Causes , *International Journal of Research Publication* Vol.43, (1); 1-8. DOI: 100431122019874.<http://ijrp.org/paper-detail/875>

13. **Mahendranathan, C., & Adikaram, N. K. B. (2019).** Potassium silicate treatment enhances natural disease resistance in *Capsicum annuum* L. and reduces anthracnose disease development. *Ceylon Journal of Science*, 48(3), 251–259. DOI: <http://doi.org/10.4038/cjs.v48i3.7649>
14. **Mahendranathan C. and Mahendrarajah H. (2019).** Antibacterial activity and phytochemical properties of some selected medicinal plants from Batticaloa district. “*Proceeding of 2nd International symposium on Agriculture-2019*”, Eastern University, Sri Lanka. 117-125
15. **Mahendranathan C., A.K.H Priyashantha (2018).** Biotic Elicitors in Inducing Disease Resistance in Plants against Pathogen Infection: A Review. *Haya: The Saudi Journal of Life Sciences*, 2018; 3(11):650-654.
16. **Mahendranathan C. and Kishani G. S. (2018)** Assessing the drinking water Quality of locally available bottled water in Batticaloa District, Sri Lanka. *International Journal of Research in Medical and Basic Sciences*; 4 (10): Pp.16-29.
17. **Mahendranathan C. and Thayaruban T., (2018).** Evidences of Heavy Metal Contamination & Their Consequences in Sri Lanka with Special Reference to Agriculture: A Review. *International Journal of Research in Agriculture and Forestry*. Vol.5 (8), Pp. 14-20.
18. **Mahendranathan, C. and Adikaram N K B (2018).** “Enhancing the constitutive resistance in *Capsicum annuum* L. fruits against anthracnose development”. *Phytopathology*: 108: (10s) pp.155. (Abs)
19. Samarasinghe, W.M.P., Sithambaresan, M. and **Mahendranathan, C. (2018).** Synthesis, Characterization and Evaluation of Antibacterial Activity of a New Phenylmethyldene Thiourea Derivative and Its Copper (II) Complex. *Int. J. Curr. Innov. Adv. Res.*, 1(4): 58-67.
20. **Mahendranathan C, Terry LA & Adikaram NKB (2010).** Biological elicitation of resistance against anthracnose in aubergine. *Acta Horticulturae* **877**, p.1589-1595.
21. **Mahendranathan C. (2008).** Potential of induced resistance in postharvest disease control of horticultural crops. *Journal of Plant Pathology*: Volume 90 (2-Supplement) August 2008, Book of Abstract, 9th International Congress of Plant Pathology, August 24-29, 2008 Torino, **Italy**. pp.507.

iii. Conference/Symposium Proceedings – International

1. Mahendranathan C. (2024). The persistent threat of emerging plant diseases to global food security and its economy. International Conference on “Microbiology Research: Current Challenges and Future Perspectives (ICMR: CCFP-2024)”. Department of

Microbiology, Bharathidasan University, Tiruchirappalli, India in collaboration with International Microbiologists Society, India. **9th to 11th, January, 2024.**

2. Mahendranathan C. (2024). Bio-control strategy for fungal diseases in sustainable Agriculture: Eco-Economic Consideration. 3rd International Conference and Exhibition on Sustainability, Challenges and Opportunities in Global Sugar Industry, Vasantdada Sugar Institute (VSI), Pune, Maharashtra, India; 12th to 14th January, 2004.
3. **Mahendranathan C (2021).** "Reducing Postharvest Losses and extending availability of fruits and vegetables in developing countries". International e-conference on Postharvest disease management and value addition of horticultural crops. Division of Plant Pathology, ICAR, Indian Agricultural research Institute, New Delhi, India, 18-20, August, 2021 (to be delivered the invited talk).
4. **Mahendranathan C (2021).** "Postharvest Losses of fruits and vegetables in developing countries". International conference in "Plants and Environment" (Virtual mode), organized by Department of Botany, Girraj Government College (A) in Collaboration with Council for Green Revolution, Hyderabad & Department of Botany, Telangana University, Nizamabad, **India**, February, 8, 2021. (**Invited Speaker**)
5. **Mahendranathan C. (2020).** "Antimicrobial activity of some selected Green Leafy Vegetables and medicinal plants from Eastern Province, Sri Lanka". One Day International Webinar on "Biologicals in Agricultures: Scope and Limitations" Jointly organized by Microbiologist Society, India & Badrinarayan Barwale Arts, Commerce and Science College, Maharashtra, India, 17th January, 29, 2020. (**Invited Speaker**).
6. Priyashantha AKH and **Mahendranathan C. (2020).** Anaerobic Soil Disinfestation (ASD) to Control the Phyto – pathogens. International Conference on "Biotechnology for Better Tomorrow -2020 (BTBT-2020)", Maldives University, male, Maldives, 22-23, February, 2020. (**Invited Speaker**).
7. **Mahendranathan C. (2020).** Antibacterial activity and Phytochemical constituents of some locally available green leafy vegetables in Sri Lanka". Second International Webinar on "Microbes and Neoteric Research (IWMNR-2020)" on 22nd December 2020 at Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu, India. (**Invited Speaker**).
8. **Mahendranathan, C. (2020).**"Exploring micro-biome interactions in environment". One week International online Faculty Development Programme on "Contribution of Biosciences in New Normal Life" (CBNNL– 2020), Department of Biotechnology, Post-Graduate Extension Centre, Periyar University, Tamilnadu, India, from 15.06.2020 to 21.06.2020, (**Invited Speaker**).
9. **Mahendranathan C** and Priyashantha A K H (2020). "Traditional Uses of Medicinal Plants in Sri Lanka". International conference on "Bioengineering and Life-Sciences", held at New Arts, Commerce and Science College of the Pune University, Ahmednagar, Pune, Maharashtra, India from 11.02.2020 to 12.02.2020. (Invited Speaker).

10. **Mahendranathan C. (2020).** Education system in Sri Lanka. International Webinar on Policies for the Protection of Educational Rights. St. Xaviers College of Education, JESUIT Council for Education, Research and Technology, Bangalore, India. 19-22, October, 2020. (**Invited Speaker**).
11. **Mahendranathan C. (2020)** Exploring Micro-biome interactions in Environment. One week International Virtual Faculty Development programme on “Contribution of Bio-Sciences in New normal life (CBNNL-2020). Postgraduate extension center, Periyar university, Tamilnaadu, India. (**Invited talk**).
12. **Mahendranathan, C., and Mahendrarajah H. (2019).** Antibacterial activity and phytochemical properties of some selected medicinal plants from Batticaloa district. “*Proceeding of 2nd International symposium on Agriculture-2019*”, Eastern University, Sri Lanka. p.15.
13. Kishani, GS. and **Mahendranathan, C.** (2019). Physical and chemical quality of locally available bottled water in Batticaloa District, Sri Lanka. Proceedings of the 5th international conference on dry-zone agriculture, to be held from 19 to 20th, December, 2019, at the University of Jaffna, Sri Lanka.
14. **Mahendranathan C., A.K.H Priyashantha (2019).** Heavy metal contamination and accumulation in ground water and food crops in Sri Lanka: A Review. (Invited talk). Proceeding of the International Conference on “Recent innovations n Bio-sustainability and Environmental Research-2019”. 20-22, February, 2019. Annamalai University, **India**. Pp. 5.
15. **Mahendranathan C. Kothai, K. (2018).** Turmeric (*Curcuma longa*) treatment as an Eco-friendly management in reducing the postharvest diseases of mango (*Mangifera indica* L.). Proceeding of the “3rd World Congress on Medicinal Plants & Natural Products Research and Pharmaceutical Education”. 7:52. September 28 - 29, 2018, **Chicago, USA**.
16. **Mahendranathan C. (2018).** The Evidences of Elevated Heavy Metal Accumulation in Food crops, Soil and Irrigation Water in Sri Lanka. Proceeding of the International Conference on “Microbial Technology for Better Tomorrow (ICMTBT-2018)”. Dr. D. Y. Patil, New Arts, Commerce and Science College, Maharashtra, India, from 17-19, February 2018, Maharashtra, **India**. (**Invited Speaker**).
17. **Mahendranathan C. (2018).** Impact of deficit irrigation on the postharvest quality of Sweet pepper (*Capsicum annum* L.) Proceeding of the International Conference on “Nanotechnology for Human Welfare (ICNHW-2018)”, from 1-3, February 2018, **Maharashtra, India, (Invited Speaker)**.
18. **Mahendranathan C. (2017)** Controlling plant diseases using induced resistance. Proceeding of the “6th International conference on Recent trends in life Sciences (ICRTLS2017)”, Ahmednagar Jilha Maratha Vidya Prasarak Samaji’s New Arts, Commerce and Science College, Maharashtra, India, from 17-19, February 2018, India. from 29-30 December 2017, Maharashtra, **India. (Invited Speaker)**.

19. **Mahendranathan C**, Adikaram NKB and Jayasingam T (2016). Enhancement of natural disease resistance of *Capsicum annuum* L. against anthracnose disease through selected postharvest treatments. Proceeding of the “9th Australasian Soil-borne Symposium”, held in Lincoln University, **New Zealand**, from 14-17, November, 2016.
20. **Mahendranathan C.** and S.Thayalan (2016). Alteration of Stem End Rot disease of local mango (*Mangifera indica*) cultivars through postharvest handling practices. Proceeding of the international conference on “Plant Research and Resource Management and 25th APSI Silver Jubilee Scientists Meet 2016”, held at the Tuljaram Chaturchand College, Savitribai Phule Pune University, **India**. 11th -13th February, 2016.
21. **Mahendranathan C.** (2014). Pre-and postharvest elicitor treatment and enhancing the natural disease resistance of chili (*Capsicum annum* L.). Proceedings of the “International Conference on Biotechnology and Bioengineering (ICBB-2014), 29-30th October, 2014, **Dubai**. Pp. 11.
22. **Mahendranathan C**, Adikaram NKB (2013). Anthracnose disease of Sri Lankan peppers (*Capsicum annum*) caused by *Colletotrichum* Species. Proceedings of the 4th International Conference on ‘Biotechnology for Better Tomorrow (BTBT-2013), 11-12, November, 2013, **Mauritius**. (Received the “Best oral presenter” award).
23. **Mahendranathan C**, Wijesundera RLC and Adikaram NKB (2012). Association of *Colletotrichum acutatum* in the Anthracnose Disease of Chilli (*Capsicum annuum* L.) in Sri Lanka. 3rd Global Conference, Indian Society of Mycology and Plant Pathology, 10-13 January 2012, Udaipur, **India**.
24. **Mahendranathan C**, Wijesundera RLC and Adikaram NKB (2011). First report of *Colletotrichum acutatum* on anthracnose of peppers (*Capsicum annum*). Proceeding of the “4th Asian Conference of Plant Pathology concurrent with the 18th Biennial Australasian Plant Pathology Society Conference”, 26-29 April 2011, Darwin, NT, **Australia** Pp119.
25. **Mahendranathan C**, Adikaram NKB, Terry LA (2009). *Biological elicitation of resistance against anthracnose in aubergine*. 6th International Postharvest Symposium, 2009, 8 to 12th April, 2009, Antalya, **Turkey**, p. 80.
26. **Mahendranathan C** (2007). Elicitation of host natural disease resistance in aubergine against postharvest disease. Proceeding of the Asian Congress of Mycology and Plant Pathology, from 19-22, December, 2007, Hyderabad, **India** p. 238.
27. **Mahendranathan C** (2007). The extent and cause of postharvest losses in banana in the Eastern Province of Sri-Lanka. Proceeding of the Asian Congress of Mycology and Plant Pathology, from 19-22, December, 2007, Hyderabad, **India** p 293.
28. **Mahendranathan C** (2005). Biological stimulation of Phytoalexin as an approach for controlling anthracnose in aubergine. Proceeding of the “2nd Asian Plant Pathology Conference – 2005” (ACPP-2005), 25 to 28 June, 2005. **Singapore**. P. 41.

29. **Mahendranathan C** and Adikaram NKB (2002). Induction of Resistance in aubergine (*Solanum melongena* L.), against infection by *Colletotrichum capsici*, using a weak pathogen. Proceeding of the 1st Asian Conference on Plant Pathology, 25-28, August, 2000. **Beijing, China**, p 254.

iv. Conference/Symposium Proceedings – National

1. Rishadi Rukshana Rathnayake RMRG and Mahendranathan C. (2023). Effects of wild sunflower (*Tithonia diversifolia*) and citronella grass (*Cymbopogon citratus*) biochar mixture on vegetative growth of tomato plant (*Solanum lycopersicum*). Proceedings of the 1st International Conference on Technological Research and Innovation; Eastern University, Sri Lanka. 27 September, 2023.
2. Kishani, G.S. and **Mahendranathan, C. (2019)**. Physical and chemical Quality of locally available bottled water in Batticaloa District, Sri Lanka. Proceedings of the 5th International Conference on Dry-zone Agriculture, to be held from 19 to 20th, December, 2019, at the University of Jaffna, Sri Lanka.
3. Priyashantha A K H, Krishanthiny K., and **Mahendranathan, C. (2019)**. Pre and Post-Harvest Losses of Cashew (*Anacardium occidentale* L.) in Batticaloa District, Sri Lanka; Preliminary investigation of the causes. Proceedings of the 5th International Conference on Dry-zone Agriculture, to be held from 19 to 20th, December, 2019, at the University of Jaffna, Sri Lanka).
4. Mahendrarajah H., **Mahendranathan C.** and Krishanthiny K. (2019). Antibacterial activity and preliminary phytochemical analysis of locally available Green Leafy Vegetables. Proceedings of the 5th International Conference on Dry-zone Agriculture, to be held from 19 to 20th, December, 2019, at the University of Jaffna, Sri Lanka).
5. **Mahendranathan C**, and Wijesundera RLC (2013). Characterization and pathogenicity of *Colletotrichum* species associated with anthracnose in Sri Lankan chilli pepper (*Capsicum annuum*) cultivars. Proceedings of the International Conference of the Eastern University, **Sri Lanka** (ICE-2013).
6. **Mahendranathan C**, Sinnaiah G (2006). Postharvest losses of banana in Batticaloa District and identifying the causal agents for major pathological diseases. Proceeding of the Annual Research Session, Eastern University, *Sri Lanka* p.17-23.
7. **Mahendranathan C**, (2005). Postharvest losses of brinjal and the causes of pathological diseases. Annual Research Session, Eastern University, **Sri Lanka** p.25-29.

12. International Exposures;

Year	Country	Programme	Category
2024	India	1. International Conference on “Microbiology Research: Current Challenges and Future Perspectives (ICMR: CCFP-2024)”. Department of Microbiology, Bharathidasan University, Tiruchirappalli, India in collaboration with International Microbiologists Society, India.	Invited Speaker
		2. 3 rd International Conference and Exhibition on Sustainability, Challenges and Opportunities in Global Sugar Industry, Vasantdada Sugar Institute (VSI), Pune, Maharashtra, India; 12 th to 14 th January, 2004.	Invited Speaker
2023	India	International conference on ‘Microbes for Sustainable Agriculture, Animal husbandry and Environment - MSAAHE-2023	Invited Speaker
2021	India	International e-Conference on “Microbes with Entrepreneurship”	Invited Speaker
2021	India	International e-conference on “ <i>Postharvest disease management and value addition of horticultural crops</i> ”. Division of Plant Pathology, ICAR, and Indian Agricultural research Institute, New Delhi, India, 18-20, August, 2021 . pp. 138-139.	Invited Speaker
2021	India	International conference on “ Bioengineering and Life-Sciences ”, held at New Arts, Commerce and Science College of the Pune University, Ahmednagar, Pune, Maharashtra.	Invited Speaker
2020	Maldives	International Conference on “Biotechnology for Better Tomorrow -2020 (BTBT-2020), Maldives University, Male, Maldives , 22-23, February, 2020 .	Invited Speaker
2019	Annamalai University,	International Conference on “Recent Innovations in Bio-Sustainability and Environmental research	Invited

	Tamilnadu, India	(RIBER) - 2019	Speaker
2018	Chicago, USA	“3 rd world congress on Medicinal Plants and Natural Products Research”	Invited Speaker
2018	Pune, India	International Conference on “Microbial Technology for Better Tomorrow (ICMTBT-2018)	Invited Speaker and Guest Lecture
2018	Pune, India	International Conference on “Nanotechnology for Human Welfare (ICNHW-2018)	Invited Speaker and Guest Lecture
2017	Pune, India	6th International conference on Recent trends in life Sciences (ICRTLS2017)	Invited Speaker
2016	New-Zealand	9 th Australasian Soil-borne Symposium	Oral Presentation of research paper
2016	Pune, India	Plant Research and Resource Management and 25 th APSI Silver Jubilee Scientists Meet 2016	Invited Speaker
2014	Dubai	International Conference on “Biotechnology and Bioengineering”	Invited Speaker
2013	Mauritius	Biotechnology for Better Tomorrow (BTBT-2013)	Oral presentation of research paper (obtained best oral Presenter award)
2009	Turkey	6th International Postharvest Symposium, 2009	Oral presentation of research paper
2008-09	United Kingdom	Commonwealth Scholarship	PhD research
2005	Singapore	2 nd Asian Plant Pathology Conference – 2005” (ACPP-2005)	Oral presentation of research paper

2004	India	Asian Development Bank scholarship	International training programme (03 months)

13. International Examiner for PhD programme

1. Savitribai Phule Pune University, Pune, Maharashtra, India
2. Islamic University, Bangladesh
3. Mangalore University - 2021

14. Guest Lecturer – International

- a. Guest Lecture under the theme of “International Seminar” at the S.M.Joshi College, Hadapsar, Pune-28.
- b. Guest lecture for the PG students in Microbiology at the “Changu Kana Thakur New Arts, Commerce and Science College, New Panvel, Pune, India on 30.01.2018.

15. Reviewer – National and International

- “Ceylon Journal of Science”, University of Peradeniya.
- *Journal of Environmental Biology* (www.jeb.co.in)
- “Indian Phytopathology” – A peer Reviewed Journal, Springer Publication.
- VINGNANAM – Journal of Science, Faculty of Science, University of Jaffna.
- Journal of AGRIEAST, Journal of Agricultural Science, Eastern University, Sri Lanka.
- *Journal of Science*, Faculty of Science, EUSL
- “International Conference on Dry-Zone agriculture – 2019 (ICDA-2019)” Faculty of Agriculture, University of Jaffna.
- Rubber Research Institute (RRI), Sri Lanka -2019.
- 2016 – International Conference of Trincomalee Campus, Eastern University, Sri Lanka.
- 2015 - International Research Conference - Eastern University, Sri Lanka.
- Second Examiner and moderator for Plant Pathology and Industrial Microbiology, South Eastern University, Sri Lanka

- **Forward message for text book** - Aparna Gunjal, Meghmala Waghmode, Neha Patil and Pankaj Bhatt 2018. *Global Initiatives for Waste Reduction and Cutting Food Loss* (ISSN: 2326-9162; EISSN: 2326-9170; ISBN 13: 9781522577065; IGI Global, Hershey PA, USA.
DOI: [10.4018/978-1-5225-7706-5](https://doi.org/10.4018/978-1-5225-7706-5)

16. Membership in Professional Organizations:

1. Vice-President of the Sri Lanka Association for Mycology and Plant Pathology
2. Exco-member of National Chapter of Organization for Women in Science in Developing World
3. Alumni Member – Association of Commonwealth Universities, UK
4. Member- American Phytopathology Society (APS)
5. Member and Vice-President of Sri Lanka Association of Mycology and Plant Pathology (SLAMPP)
6. Member – Microbiologists International, India
7. Charter Member- of the Sri Lanka National Chapter of “Organization for Women in Science for the Developing World (OWSD)”, Inaugurated by the OWSD on 29th March, 2018 at the Hilton Residence, Colombo, Sri Lanka.

17.National Contribution

- a. Resource person for the “Organic Farming” of the Eastern Province, Sri Lanka.
- b. Reviewer for the “Accelerating Higher Education Development Expansion and Development (AHEAD) n for some state Universities.
- c. Resource person at the National Institute of Sri Lanka for the Teachers’ Training Programme for GCE-A/Level Teachers in Bio-Technology stream.
- d. Academic Trainer for the “Sustainable Consumption & Production” programme of the Ministry of Mahaweli Development & Environment, Sri Lanka for a project by SWITCH Asia Sustainable Consumption and Production (SCP) National Policy Support Component for Sri Lanka (NPSC) till early part of 2019.
- e. Chief Examiner for the GCE A/Level paper marking for Bio-Technology Stream in 2016 and Biology stream since 2021 till todate.

18.Community Engagement

I have been a member of the International Lions Club for last 16 years and has been engaging in various positions due to my dedication in Social service activities including;

- Charter President of the Eastern University, Lions Club (the name has been changed as the Campus Lions Club at present).
- Zone Chairperson
- Region Chairperson
- Regional advisor
- Provincial Consultant

19. Contribution to the development of the Department/University

1. Member of the Editorial Board of the “University Calendar” of the EUSL.
2. Member of the Curriculum Evaluation Committee for the Dept. of Botany and Faculty of Science.
3. Establishment of a Water testing laboratory in 2008 with all the necessary equipment in the Department of Botany, Faculty of Science, Eastern University, Sri Lanka with the financial assistance of World Vision (INGO), Sri Lanka.
4. Contributed for the Social Harmony project of the IRQUE project (IBG) in designing the proposal and implementing the programme as the person-in-Charge for the Non-Violent Communication programme.

20. Community development programme

1. Took the responsibility as the Director for External Degrees and Extension courses and have conducted certificate, Diploma and Degree courses

21. Overseas Conferences Training/Seminars/ participated.

1. Completed one-year research work of the PhD programme under the Commonwealth Scholarship (spilt-site) programme in the United Kingdom from 01.10.2008 to 01.10.2009.
2. Participated the 6th International Postharvest Symposium in Antalya, Turkey (2009) and presented research paper.
3. Participated in the 1st, 2nd and 4th Asian Conference in Plant Pathology and also presented research papers in China (2002), Singapore (2005) and Darwin, Australia (2011) respectively.
4. Obtained merit pass in three months training in “Lab Management and Food Analysis” of Sri Shivaji University, Maharashtra, India from 1st of August to 30th of October, 2004, funded by the Asian Development Bank.
5. Participated in ten days International Intensive Training in “Non Violent Communication” held in Bangalore, India in 1st to 12th, Dec. 2004, under the IRQUE (Improving the Relevance and Quality of University Education) project.

22. Scholarship and Awards

- Commonwealth Scholarship for the Split-site PhD programme tenable at the United Kingdom for the year 2008.
- Fully funded for the M.Phil. programme by the Eastern University, Sri Lanka from 1998 to 2000.
- Asian Development Bank scholarship for three months overseas training programme in 2004.
- Financial assistantship from National Science Foundation, Sri Lanka, for participating “2nd Asian Conference on Plant Pathology” at Singapore in 2005.

23. Referees

1. Prof.N K B Adikaram,
Emeritus Professor in Botany,
National Institute of Fundamental Studies (IFS),
Peradeniya, Sri Lanka
e-mail: n.k.b.adikaram@gmail.com
Mobile: +94(0) 777 646 451, +94 71 4914742
2. Prof. (Dr.) Arvind Madhavrao Deshmukh,
President, Microbiologists Society International,
India

What's app: +919822079782
Email: amdeshmukh1@rediffmail.com

The statements made by me herein are complete and true to the best of my knowledge and belief.

Signed

.....

Dr.(Mrs.)MRJ Chandrakantha Mahendranathan)