

RESUME

Dr. A. Logamadevi

Associate Professor & Head
Department of Botany, NGMC

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1. General Information

Name : Dr. A. Logamadevi
Date of birth : 05/05/69
Marital status : Married
Nationality & religion : Indian, Hindu
Address : 11/66F Sakthi Nagar., Vedasenthoor
Pollachi-642007

2. Academic qualification

Degree	Year	Institution/ University	Class obtained
Ph.D., Life Science Botany	1994-1997	Avinashilingam University, Coimbatore-43	First class & highly commended
M Phil Life science	1992-1993	Avinashilingam University, Coimbatore-43	First class & highly commended
M.Sc., Botany	1989-1991	Bharathiar University, Coimbatore	71%
B.Sc., Botany	1986-1989	NGM College, Pollachi (Bharathiar University)	69%

3. Teaching experience

- Worked as a Lecturer in the Department of Botany, Nallamuthu Gounder Mahalingam College, Pollachi from 1998-99 (1.3 years).
- Working as an Assistant professor of Botany in the Department of Botany, Nallamuthu Gounder Mahalingam College, Pollachi from January 2005 and onwards.
- Worked as an Assistant professor for M.Sc. Botany Twinning programme of Annamalai University at NGM College for 5 years.

4. Guide recognition

Recognized guide for M Phil and PhD from Bharathiar University and Periyar University.

12 M.Phil. scholars and 1 Ph.D. scholar awarded their respective degrees.

5. Specializations

- Agro Industrial waste recycling
- Ethnobotany
- Herbal botany
- Microbiology
- Taxonomy

Maintaining an herbal garden and a club named “**mediplap**” since 2005

6. Research experience

- **M.Sc., Research** “Biochemical analysis of the Tribal pulse (*Dolichous lab lab* var.vulgaris L.Savi)”.
- **MPhil, Research** “Bio Metrics and yield Parameters of Black gram as influenced by coir pith”
- **Ph.D., Research** “Influence of coir pith in improving Soil Fertility and Crop productivity of Legumes (Soya bean, Green gram, Cluster beans & Cow pea)”
- Worked with the “Environmental Resource Unit, University of Salford – U.K.” in a **collaborative research and trained students** from university of Salford on Recycling of Agro Industrial Wastes for Organic Farming.
- Worked as a **junior research fellow** in a project of “Ministry Of Environment And Forestry, Government of India”, New Delhi. About Recycling Of Industrial Wastes during 1994-97.

7. Selected Recent Publications

- Menaka C., **Logamadevi A.**, & Vignesh A. (2025). Unveiling the socio-cultural practices of plants used by the ethnic community of Soliga tribes in Anthiyur Taluk, Erode District, Tamil Nadu, India. *Phytomedicine Plus*, 100799 (Elsevier, Scopus).
- **Logamadevi A.** & Menaka C. (2023). Phytochemical screening and GC-MS profiling on flowers of *Crossandra nilotica* Oliv. *Indian Journal of Natural Sciences*, 14(79),60001-60010.
- **Logamadevi A.** & Menaka C. (2023). Physicochemical parameters, phytochemical screening and qualitative analysis of inorganic nutrients of *Persicaria glabra*(Wild.) Gomez de la maza. *Journal of Pharmacognosy and Phytochemistry*, 12(1): 121-124.

- **Logamadevi A.**, Menaka C., Mahalakshmi B., & Poongodi T. (2022). Phytochemical screening and assessment of bioactive compounds on *Erythroxylon monogynum*. World Journal of Pharmaceutical Research, 11(16): 1585-1595.
- Poonkodi K., **Logamadevi A.** et al. (2020). In vitro anticancer and antioxidant potential of *Zingiber zerumbet*. Research Journal of Chemistry and Environment, Vol. 24 (9) September.pp-16-21.

8. International and National Publications, Proceedings & Abstracts:

- Coir waste resource potential and agricultural utilization in Tamil Nadu, India 1996, The International Journal of Environmental Education and Information vol 15 no 2 pp 209-230 University of Salford UK England.
- Effects of Coir pith on the yield parameters of Cowpea in black cotton soil, The International Journal of Environmental Education and Information vol. 15 no 2 pp 231 – 236 University of Salford UK – England.
- Effects of Coir pith on the yield parameters of Cluster bean in black cotton soil 1996, The International Journal of Environmental Education and Information vol. 15 no 2 pp 237-242 University of Salford UK England.
- Effects of Coir pith on the Yield parameters of Green gram in black cotton soil 1996, The International Journal of Environmental Education and Information vol. 15 no 2 pp 249-254 University of Salford UK England.
- Effects of Coir pith on the yield parameters of Soya bean in black cotton soil 1996, The International Journal of Environmental Education and Information vol.15 no 2 pp 255-260 University of Salford UK England.
- Effects of Coir pith on the yield and growth of Cowpea 1996, The International Journal of Environmental Education and Information vol. 15 no 4: pp 505-512, University of Salford UK England.
- Relative efficiency of Coir waste as an Organic manure for cluster beans 1995 Research High Lights Vol.%, No 3 pp 125-128, Tamil Nadu India.
- Efficiency Coir waste in improving the soil moisture of conservation and nodulation of Legumes 1995 Abstracts National Symposium on Organic farming p 12 Tamil Nadu Agricultural University, Madurai, Tamilnadu, India.
- Effect of Coir waste in improving the yield parameters of Soya bean 1995 Abstracts National Symposium on Organic farming, pp75 Tamil Nadu Agricultural University, Madurai, Tamilnadu, India.
- Biometrical and Yield parameters of Cluster bean and green gram as influenced by Coir waste 1997, Research High lights Vol 7, No 2 pp 80 – 83 Tamil Nadu, India.

- Influence of Coir waste on soil health and crop productivity 1997 Abstracts Scientific conference and general assembly 'Food security in Harmony with Nature University of Agricultural sciences, Bangalore, India.
- Chlorella – The wonder green drug: 2005, Abstracts, national conference on medicinal plant chemistry, NGM College, Pollachi, India. pp 115.
- Spices as medicine, 2005 Abstracts, national conference on medicinal plant chemistry, NGM College, Pollachi, India. pp 21.
- Medicinal plants: Local heritage with Global importance, 2005 Abstracts, national conference on medicinal plant chemistry, NGM College, Pollachi, India. pp 137
- Chlorella – a promising health substitute, Kisan world, India: August 2006.,Vol:33.No.8 pp31-33.
- Functional foods – Enhance your diet, 2006. Abstracts, National conference on Food Biotechnology Karpagam arts and science college, Coimbatore. pp 12.
- Environmental impacts of tourism, 2006. Abstracts, National conference on “Perspectives of Indian tourism industry” Nallamuthu Gounder Mahalingam College, Pollachi. pp.57.
- Healthy whole grains., Kisan world, India: 2007 April.,Vol:34.No.04 pp 77-79.
- Cancer fighting fruits and vegetables, Kisan world, India: September 6, 2007.,Vol:34.No.09 pp 18-21.
- Nutraceuticals., Kisan world, India: 2008 April.,Vol:35.No.04 pp 46-49.
- Bioethics -paper presented in the national symposium on recent trends in environmental management and technology-August 2008 at NGM college, Pollachi.
- Caralluma fimbriata against obesity- Abstracts; State level seminar on Herbal resources and remedies-NGM College- Pollachi PP ;43-September 2009.
- “Plant bodies”- Abstracts- 2 days UGC sponsored national level conference on Green technology- Green tech- 18/19th February 2010. Pp- 29-30. NGM College- Pollachi.
- “Health and climate change” Abstracts- 2 days UGC sponsored national level conference on Green technology- Green tech- 18/19th February 2010. Pp- 46-47. NGM College- Pollachi.
- “Algae as biofuel alternative” Abstracts- 2 days UGC sponsored national level conference on Green technology- Green tech- 18/19th February 2010. Pp- 93-94. NGM College- Pollachi.
- Global swine flu threat”- Kisan world:Vol;36;No;10 PP 47-49 October 2009.
- “For a healthier life- Green tea”- Kisan world:Vol;37;No;2 PP: 55-57 February 2010.
- “Garlic the wonderful herb”., Kisan world:Vol;36;No;5 PP 47-49 May 2009.
- “Halting obesity and making life easier” – Kisan world- March 2010-Vol 37. No 3- Pp- 93.
- “Kitchen pharmacy” – Kisan world- August 2010-Vol 37. No 8- Pp- 57-60.
- “Wood apple-an underutilized tree”-Agrobios-June 2012-vol XI- issue: 01 pp 49-50.
- “Legumes – Natures medicine chest”- Agrobios-April 2012=Vol no X issue no-11.

- Ethno gynecological plants of Malasars of Thampapathi, Pollachi, Coimbatore district.- 6.3.15-paper presented in national conference on recent advances and challenges in plant sciences. APA college for women Palani- pp-84-88.
- Edible vaccines- 6-3-15-ABS-P.8- national conference on recent advances and challenges in plant sciences. APA college for women Palani.
- Ethno veterinary practices used in treating captive elephants. Abs and full paper presented in the national conference on perspective and challenges in biodiversity and its challenges (NACPCB-15)-7.3.15-abs 25. Full paper-pp 3-15- ISBN 978-93-5212-382-7.
- Ithikasangalil malargal., 12-14.3.15 national conference on sangailakiyathil malargalin payanpaatu pinpulam ,NGM college , pollachi-pp.,217-229.

9. Books published:

1. A compendium of NGM College campus flora, Infospringer Publishing Co. 2016, ISBN-978-81-931646-9-3).
2. Aquatic medicinal plants.
3. Medicinal Monocots.
4. Plant Anatomy, A practical hand book, 2006.
5. Roof gardening and organic farming, 2017, Pradag print, Coimbatore.
6. Ethnobotanical traditions of kodanthur tribes, Navanila maruthi, 2022, ISBN: 978-81-951871-1-9.
7. Thavara Ulagam, Vigyan prasar, 2021, ISBN: 978-81-7480-366-5.
8. Sake, Vishnupuram pathipagam, 2023, ISBN: 978-93-95260-08-4.
9. Vanavil maram, 2023, Arutselvar Dr. N Mahalingam Mozhipeyarpur Maiyam, 819638169-7.
10. Vilakkappatta kani, Akani Veliyeedu, 2024, ISBN: 978-93-93866-90-5.
11. Muthach Sirukilai, Akani Veliyeedu, 2024, ISBN: 978-93-93866-83-7.
12. Antharath tamarai, Akani Veliyeedu, 2024, ISBN: 978-93-93866-86-8.
13. Mariya sibilla, 2024, NCBH, Publication.
14. Malarpithu, 2024, Agani publication.
15. India's Native Trees, 2024, Arutselvar Dr. N Mahalingam Mozhipeyarpur Maiyam.
16. Thanthaiperumaram, Thannaram Nool & Manu arachalai publication, 2025.
17. Kallelum Vithai, Thannaram Nool & Manu arachalai publication, 2025.
18. Nunnuyir Uzhagu, 2025, Arutselvar Dr. N Mahalingam Mozhipeyarpur Maiyam.

19. Marangalain Marai Vazhlvu (Translation), Kalachuvadu, 2025, ISBN: 978-93-61107-72-6.

10. Awards:

1. **“Thozhi viruthu”** 2019 for witting science in Tamil from Anitham, Canada and Dinamalar India.
2. **“Sengal Naarai”** Award, 2022.
3. Award of Excellence from the Journal of Anandachandrikai, 2014-2024.
4. Indian Medical Association award’s “Women of Wonder” in 2025.
5. Uzhakatamil Panpattu maiyam presents “Special award” in 2025.
6. Nellai S. Muthu Award for **“Best Children’s Science Writer”** by BAPASI, Chennai Book fair – 2026.

11. Orientation and refresher courses attended

- Attended orientation course held at Bharathiyar university Coimbatore from 12.5.2011 to 8.6.2011 - 28 days.
- Refresher Course at Kerala University, Trivandrum (05 -07-2012 to 26-07-2012) - 21 days.
- Refresher Course in Bharathiyar university – (5.7.2017-25.7.2017) – 20 days.
- Refresher course (Online) Ramanujam College Delhi University (5-7-2021- 19-7-2021) -15 days.