




ARULMIGU PALANIANDAVAR COLLEGE OF ARTS AND CULTURE
(Reaccredited With 'A' Grade by NAAC)
(Run by Arulmigu Dhandayuthapani Swamy Thirukkoil, H.R & C.E (Admin) Dept. Government of Tamilnadu)
(A Government Aided College – Affiliated to Madurai Kamaraj University, Madurai)
DINDIGUL ROAD, PALANI - 624601

Department of Botany		
Name	Dr. M. MAYILSAMY	
Designation	ASSISTANT PROFESSOR	
Qualification	M.Sc., M.Phil., Ph.D.,	
Contact Numbers	9442361029, 8072782849	
Email id	mmkannivadi@gmail.com	
Alternative email id	suryaprabhachem@gmail.com	
Experience	16 Years	
Date of joining	21.06.2004	
No. Of Journal Publication (International)		
No. Of Journal Publication (National)	11	
No. Of Conference Attended (International)	1	
No. Of Papers Presented	16	
No. Of Conference Attended (National)	21	

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.Sc.	Botany	Madurai Kamaraj University	1990
PG	M.Sc.	Botany	Madurai Kamaraj University	1992
M.Phil.,	M.Phil	Botany	Madurai Kamaraj University	1993
Ph.D.,	Ph.D.	Botany (Biodiversity)	Tamil University	2014

Research Paper Publications

1. Rajanagam, M. and **Mayilsamy, M.** 2008: Allelopathic effects of *Rhizophora apiculata* Bl on germination and growth of rice. *Environment and Ecology*: **26(4b)**: 1981-1983. (ISSN: 0970 – 0420).
2. **Mayilsamy, M.** and A. Rajendran. 2013. Ethnomedicinal plants used by Paliyar Tribes for treating dermatological diseases. *J. Ecobiology*. **32(1)**: 25-32. (ISSN: 0970 – 9037).

3. **Mayilsamy, M.** and A. Rajendran. 2013. Herbal medicinal practices among the Paliyar tribals of Dindigul District. *J. Ecobiology*. **32(1)**: 45-55. (ISSN: 0970 – 9037).
4. **Mayilsamy, M.** and A. Rajendran. 2013. Ethnomedicinal plants used by Paliyar Tribals in Dindigul District of Tamilnadu, India . *International Journal of Science Innovations and Discoveries*. **3 (1)**: 146-152. (ISSN: 2249 – 5347).
5. **Mayilsamy, M.** 2013. Antifungal effects of leaf extracts of *Catharanthus roseus* and *Eravatamia divaricata* and a fungicide Dithane M-45 on the seed mycoflora of *Vigna mungo* (L.) Hepper. *International Journal of Science Innovations and Discoveries*. **3 (1)**: 161-164. (ISSN: 2249 – 5347).
6. Ezhilvalavan, R., **M. Mayilsamy** and A. Rajendran. 2014. Leafy vegetables used as ethnomedicinal plants by the indigenous peoples of Palani hills in Southern Western Ghats, India. *Journal of Global Biosciences*. **3(7)**: 988-996. (ISSN: 2320-1355).
7. Ezhilvalavan, R., **M. Mayilsamy** and A. Rajendran. 2014. Ethnoveterinary practices among the indigenous peoples of Palani hills in Southern Western Ghats, India. *Shanlax International Journal of Arts, Science and Humanities*. **2(2)**: 84-94. (ISSN: 2321-788X).
8. Ezhilvalavan, R., **M. Mayilsamy** and A. Rajendran. 2015. Eethnomedicinal plants used by the indigenous peoples of Palani hills in Southern Western Ghats for treating rheumatism. *Shanlax International Journal of Arts, Science and Humanities*. **2(3)**: 108-117. (ISSN: 2321-788X).
9. Ezhilvalavan, R., **M. Mayilsamy** and A. Rajendran. 2016. PSILOTUM NUDUM: A new medicinal Pteridophyte record for the cryptogamic flora of Sirumalai Hills, Dindigul District, Tamilnadu, India.
10. **Mayilsamy, M.** and K. Geetharamanan. 2016. Cytotoxic activity of certain medicinal plants extracts against sea monkey: *Artemia salina*. *Journal of Medicinal Herbs and Ethnomedicine*. **2**: 19-25. (ISSN: 2455-0485).
11. **Mayilsamy, M.** and K. Geetharamanan. 2016. Cytotoxic activity of *Parmelia perlata* extracts against *Artemia salina*. *Journal of Experimental Sciences*. **7**: 36-39. (ISSN: 2218-1768).

Paper Presented in Seminars / Conferences / Symposia

1. **Mayilsamy, M.**, M. Rajangam and M.Vigneswaran. 2005. Antifungal effects of leaf extracts of *Aallamanda carthartica* L. and *Alstonia venenata* R.Br. and Dithane M-45 on seed mycoflora of *Vigna mungo* (L.) Hepper. UGC Sponsored National Seminar on “Present Scenario in Plant Science Research” Organized by Department of Botany, Annamalai University, Annamalainagar-608 002. 19- 20 February, 2005.

2. Vigneswaran. M., M.Rajangam and **M.Mayilsamy**.2005. Impact of Sulphur Dioxide exposure during De-Etiolation of *Triticum vulgare* L. (Wheat) seedlings. UGC Sponsored National Seminar on “Present Scenario in Plant Science Research” Organized by Department of Botany, Annamalai University, Annamalainagar-608 002. 19- 20 February, 2005.
3. Rajangam.M, **M.Mayilsamy** and M.Vigneswaran. 2006. Allelopathic effects of *Rhizophora apiculata* Bl. on germination and growth of rice. National Seminar on “Recent Advances in Plant Biology” Organized by Research Department of Botany, VHN Senthikumara Nadar College, Virudhunagar – 626 001.10-11 August, 2006.
4. **Mayilsamy.M**, M.Rajangam and M.Vigneswaran. 2006. Antifungal effects of leaf extracts of *Catharanthus roseus* and *Ervatamia divaricata* and a fungicide Dithane M-45 on the seed mycoflora of *Vigna mungo*. National Seminar on “Recent Advances in Plant Biology” Organized by Research Department of Botany, VHN Senthikumara Nadar College, Virudhunagar – 626 001.10-11 August, 2006.
5. Vigneswaran.M, M.Rajangam and **M.Mayilsamy**. 2006. Some medicinal plants of our college campus. National Seminar on “Recent Advances in Plant Biology” Organized by Research Department of Botany, VHN Senthikumara Nadar College, Virudhunagar – 626 001.10-11 August, 2006.
6. Rajangam, M., M.Vigneswaran, M. **Mayilsamy** and A.Shibu. 2007. Folk Herbal Remedies from Kurumbapatty of Palani in Tamilnadu. UGC Sponsored National Symposium on “Need Based Mordern Trends in Ethnomedicine Research – AYUSH REMEDIES 2007” Organized by PG and Research Department of Botany,Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029. 26-27 February, 2007.
7. Manikandan.P, **M.Mayilsamy** and S.Ganesan. 2010. Parasitic plants diversity and their host ranges in southern districts of Tamilnadu. National Conference on “Biodiversity for sustainable Development: Threats, Indicators, Climate Change, Poverty Alleviation and Targets for Safeguarding Biodiversity” Organized by Centre for Biodiversity and Forest Studies, School of Energy, Environment & Natural Resources, Madurai Kamaraj University, Madurai-625 021.25-27 August ,2010.
8. Ganesan, S., P. Manikandan, **M. Mayilsamy** and A.Rjendran. 2010. Synoptic flora of the Madurai City, Tamilnadu, India. International symposium on “ Taxonomy, Plant diversity and Conservation” Organized by Department of Botany, School of Life Sciences, Bharathiar University, Coimbatore-641 046. 26-28 November, 2010.
9. **Mayilsamy. M.** and A.Rjendran. 2010. Plants used by the tribe Paliyars in the Palani hills of the Western Ghats for miscellaneous purposes. International symposium on “

- Taxonomy, Plant diversity and Conservation” Organized by Department of Botany, School of Life Sciences, Bharathiar University, Coimbatore-641 046. 26-28 November, 2010.
10. **Mayilsamy, M.**, A. Rjendran and P. Manikandan. 2010. Ethnobotanical tree species diversity and their conservation status of selected miniature sacred groves in Palani Taluk of Dindigul district. National Conference on “Herbal Medicine” Organized by Department of Botany, School of Life Sciences, Bharathiar University, Coimbatore-641 046. 8-9 September, 2010.
 11. **Mayilsamy, M.** and A.Rjendran. 2014. Diversity of *Vigna mungo* (black gram) seed mycoflora and their control by *Rauwolfia tetraphylla* and *Alstonia venenata* leaf extract treatments. National Seminar on “Emerging Trends in Biodiversity Conservation and Sustainable Utilization”. Organized by Department of Botany, School of Life Sciences, Bharathiar University, Coimbatore-641 046. 29-30 January, 2014.
 12. Suganthi, M., **Mayilsamy, M.** and A.Rjendran. 2014. Studies on Traditional Medicinal Plants of Dindigul District in Tamilnadu, India. National Seminar on “Emerging Trends in Biodiversity Conservation and Sustainable Utilization”. Organized by Department of Botany, School of Life Sciences, Bharathiar University, Coimbatore-641 046. 29-30 January, 2014.
 13. **Mayilsamy, M.** and A.Rjendran. 2014. Ethnomedicinal Plants used by the traditional healers, Paliyar for treating respiratory diseases in Southern India. National Symposium on "Cultural landscapes, indigenous knowledge and biotechnological tools for biodiversity conservation" Organized by Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029. 7- 8 March, 2014.
 14. **Mayilsamy, M.** and A.Rjendran. 2014. Diversity of *Vigna mungo* (black gram) seed mycoflora and their control by the selected leaf extracts. National Symposium on "Cultural landscapes, indigenous knowledge and biotechnological tools for biodiversity conservation" Organized by Kongunadu Arts and Science College (Autonomous), Coimbatore – 641 029. 7- 8 March, 2014.
 15. Jeyasundar, D., K. Nathar and **M. Mayilsamy.** 2016. Bioactivity of *Abutilon indicum* and *Argemone mexicana* against Filariasis Vector *Culex quinquefasciatus*. ICMR sponsored National Seminar on “Emerging Trends in control of Vectors and Vector borne diseases” Organized by Nehru Memorial College, Puthanampatty – 621 007, Tiruchirappalli District. 29th-30th October, 2016.
 16. Jeyasundar, D., K. Nathar and **M. Mayilsamy.** 2016. Larvicidal activity of *Leucas aspera* and *Parmelia perlata* against 4th instar larvae of *Culex quinquefasciatus*. ICMR

sponsored National Seminar on “Emerging Trends in control of Vectors and Vector borne diseases” Organized by Nehru Memorial College, Puthanampatty – 621 007, Tiruchirappalli District. 29Th-30Th October, 2016.

Orientation/ Refresher Attended :

1. UGC sponsored **Orientation Course** for the College Teachers conducted by the Madurai Kamaraj University Academic Staff College, Madurai – 625 021 from **27.02.2009 to 26.03.2009**.
2. UGC sponsored **Refresher Course in Environmental Science (Interdisciplinary)** for the College Teachers conducted by the University of Calicut Academic Staff College, Calicut, Kerala-673 635 from **27.01.2011 to 16.02.2011**.
3. UGC sponsored **Refresher Course in Life sciences** for the College Teachers conducted by the Goa University Academic Staff College, Goa - 403 206 from **30.09.2014 to 20.10.2014**.
4. UGC sponsored **Winter School** for the College Teachers conducted by the HRDC Dr. Babasaheb Ambedkar Marathwada University (BAMU), Aurangabad- 431 004 Maharashtra from **1.11.2017 to 22.11.2017**.

Training / Workshop Attended

1. Ministry of Environment, Forest and Climate Change, Govt. Of India, New Delhi sponsored **Training on Plant Taxonomy** at Institute of Forest Genetics and Tree Breeding, Coimbatore from **23-25 February 2015**.
2. National Biodiversity Authority, Chennai sponsored **Training on Biological Diversity Act, 2002** at Institute of Forest Genetics and Tree Breeding, Coimbatore from **01 to 03 February 2017**.
3. Mother Teresa Womens’s Ujniversity, Kodaikanal and Incubation and Technology Transfer Centre, Tamilnadu sponsored Three days Workshop on **Molecular Identification of Fungi** at Mother Teresa Womens’s University, Kodaikanal from **06 to 03 November 2019**.
4. Science and Engineering Research Board (SERB), Department of Science and Technology (DST) and Botanical Survey of India, Southern Regional Centre (SRC), Coimbatore Sponsored Five days National Workshop on **Taxonomy of Angiosperms : Field to Laboratory** at PSGR Krishnammal College for Women, Coimbatore from **09 to 13 December 2019**.

Books Published (With ISBN Number only) :

1. M. Mayilsamy and A. Rajndran. 2014. Folk Medicines of the Palani Hills in Southern India, Shanlax Publications, Madurai – 625 003, Tamil Nadu, India. ISBN: 978-93-80657-02-8.

Research Guidance

- a. **M.Phil.,** : 3
- b. **Ph.D.,** : Nil