

Name : Dr. S.Mariselvi
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Educational Qualification: M.Sc.,M.Phil.,PGDCA.,Ph.D

Teaching Experience : 9 years, Assistant Professor of Zoology, NGM College

Other Experience : 4 years, TQM Assistant in ISO Cell, NGM College

Area of Specialization : Entomology

Area of Interest : Teaching, Research and Quality Measures

Academic activities : Invigilator, Question paper setter, Paper evaluator.

As a ISO Committee member

Since 2006 to 2017 worked as ISO Committee Member, NGM College, Pollachi

As a co- ordinator

Since 2011 – 2016 worked as Co-ordinator of Hornbill Nature Club in NGM College, Pollachi

As a Co – Investigator

Microbiological Studies of Drinking Water in Pollachi Municipality, Coimbatore (district), Tamilnadu - University Grants Commission (UGC), South Eastern Regional Office, Hyderabad.(2012 – 2014).

As a Chaired session

- 14.08.2014 - Chaired a session in one day State level Workshop cum Hands on Training on Vermitech'14 held at NGM College, Pollachi.
- 23.12.2016 - Chaired a session in the UGC sponsored One day National Level Workshop on “ Recent Trends and Advances in Bio-Compositing” organized by Department of Zoology, NGM College, Pollachi.
- 21.02.2017 - Chaired a session in the one day National Level Thematic Workshop on “Biodiversity conservation Issues and Challenges” organized by Department of Zoology, NGM College, Pollachi.
- 7.09.2017 – 8.09.2017 - Chaired a session in Science Academies Lecture Workshop on “Prospects and Challenges in the Animal Science” held, organized by the Department of Zoology, NGM College Pollachi.

National Level Seminar/Conference & Workshop Participated

Seminar

- 19.08.2004 - Participated in UGC Sponsored National Level Seminar on “Bio-informatics”, Government Arts College (Autonomous), Coimbatore.
- 7.03.2005 - Participated in Inter collegiate student’s seminar on *Recent trends in Bio-Technology*, Karpagam Arts and Science College, Coimbatore.
- 18.08.2005 – 19.08.2005 - Participated in National Level Seminar on “*Emerging trends in Biological Sciences*” Hindusthan College of Arts and Science, Coimbatore.

- 3.09.2009 - Participated in the “State level seminar cum Exhibition on Herbal Resources and Remedies”, NGM College, Pollachi.
- 24.02.2010 -25.02.2010 - Participated in UGC sponsored National level seminar on “Recent advances in animal sciences”(RAAS’10), Govet.Arts college, Coimbatore.
- 12.12.2011 - Participated in the National Seminar on *Post Harvesting Technology & Cool Chain Management*”, Vanavarayar Institute of Agriculture, Manakkadavu, Pollachi.
- 17.08.2012 – 18.08.2012 - Participated and presented a paper on NAAC sponsored National seminar on “Academic Excellence through Quality Sustenance and Enhancement” NGM College, Pollachi.
- 28.01.2014 - Participated and presented a paper in the National level seminar on “Biodiversity – A perspective for future era”, APA College for Women, Palani.
- 29.01.2016 - Participated in the National Level Seminar on “Empowering the youth to Enrich Mankind” conducted by Human Excellence department, NGM College, Pollachi.
- 8.09.2016 - Participated in the National Level Seminar on “Recent Advances in Nanotechnology and its Biological Applications” Karpagam University, Eachanari, Coimbatore.
- 20.10.2017 – Participated in Seminar on IPR in Life Science Applications”, organized by PG and Research department of Botany, NGM College.
- 14.12.2017- 15.12.2017 – Participated in one day national level seminar on IPR and its Applications”, organized by PG and Research department of Botany, NGM College.

Conference

- 18.02.2010 – 19.02.2010 - Participated and presented a paper in the National Conference on “Green Technology-Green Tech 09” NGM College, Pollachi.
- 21.07.2017 - Participated in National Conference on “Recent Innovations in Greener Nanotechnology” at NGM College, Pollachi.
- 11.02.2019 - Participated in National Conference on “Under the New Frontiers in Life Sciences” in Sri Krishna Arts and Science College, Coimbatore.

Workshop

- 7.08.2008 – 8.08.2008 - Participated in State Level Bioinformatics Work Shop on “*Tools in Biosequence Analysis & Drug Designing*” KG College of Arts and Science, Coimbatore.
- 14.08.2014 - Participated in one day State level Workshop cum Hands on Training on Vermitech’14 held at NGM College, Pollachi.
- 4.03.2014 - Participated in the one day National Workshop held at Shri GVG Vishalakshi College for Women, Udumalpet.
- 10.03.2016 - Participated in the workshop on “In-House Workshop and Hands on Training in Plant Biotechnology” NGM College, Pollachi.
- 4.10.2016 - participated one day Workshop on “SPSS – Applications in Biostatistics” conducted by PG and Research department of Botany, NGM College, Pollachi.
- 21.02.2017 - Chaired a session in the one day National Level Thematic Workshop on “Biodiversity conservation Issues and Challenges” organized by Department of Zoology, NGM College, Pollachi.
- 24.02.2017 - Participated in the Workshop on “Hands-on Training in UV-Visible Spectrophotometer” organized by Department of Chemistry, NGM College, Pollachi.

- 15.03. 2017 - Participated in Training cum Workshop on “Basic Techniques in Botany” conducted by PG and Research department of Botany, NGM College, Pollachi.
- 07.09.17 & 08.09.17 - Chaired a session two days Science Academies Lecture Workshop on “Prospects and Challenges in the Animal Science” *Sponsored by IASc, INSA, NASI* organized by Zoology department. NGM College, Pollachi.
- 11.04.2018 – Participated in “Workshop on E-content Development” organized by NGM College, Pollachi.
- 26.07.2018 – Participated in one day state level workshop on “Spectral data interpretation and chromatographic techniques” organized by PG department of Chemistry, NGM College, Pollachi.
- 03.10.2018 - Participated in one day national level workshop on “Sustainable Agriculture” in NGM College, Pollachi
- 25.01.2019 - Participated in one day national level workshop on “Advanced Research Studies in Life Sciences – Gaps and Scope” in Government Arts College, Coimbatore.
- 19.12.2018 – 20.12.2018 – Participated two days lecture workshop on “Impact of Climate change on Biodiversity and Environment” in Bharathiar University, Coimbatore.

International Level Seminar/conference & Workshop Participated

- 27.01.2015 - Participated in the International Seminar on “*Emerging* contaminants and Environmental Remediation”(ECER-2015) at Periyar University, Salem.
- 7.01.2017 - Participated in the International conference on Chemical and Environmental Research (ICCER 2017), Jamal Mohamed College, Tiruchi.

Training programmes underwent

- 15.12.2011 to 17.12.2011 - Participated in 3 days training programme on “Personality Development” organized by Human Excellence department, NGM College, Pollachi.
- 14.08.2014 - Participated in one day State level Workshop cum Hands on Training on Vermitech’14 held at NGM College, Pollachi.
- 4.07.2015 - Participated in the Faculty Development Programme held at Kongu Nadu Arts and Science College, Coimbatore.
- 12.03.2015 – 13.03.2015 - Participated in the training programme on “Biodiversity Act, 2002” at Institute of Forest Genetics and Tree Breeding, Coimbatore.
- 12.06.2019 -14.06.2019 – Participated in Faculty Development Programme in NGM College, Pollachi.

Research Conventions underwent

- 18.02.2016 – 20.02.2016 – Participated in two days Research Convention on “Research Ethics, Methods and Post Research Methods” held at Avinashilingam Institute for Home Science and Higher education for Women, Coimbatore.
- 04.03.2017 – Participated in one day Research Convention on “Pre and Post Perspectives of Research Convention” held at Avinashilingam Institute for Home Science and Higher education for Women, Coimbatore.

Papers Presented in National Level Seminar/Conference/Symposium

- 14.08.2008 - “*Carbon Crediting in India – A perspective*”. CSIR Sponsored National Level Conference on Recent Trends in Environmental Management & Technology, Nallamuthu Gounder Mahalingam College, Pollachi.

- “Total Quality Management and Its Impact on Higher Educational Institutions” National Level Conference on Quality, Relevance & Impact at Institutional Levels. Christ University, Bangalore.
- 03.09.2009 - “Reduction of Mental Stress by *Lavendula Augustifolia*, Ethnomedicinal Plants as Immune Booster and Conservation of Ethnomedicinal Plants. State Level Seminar cum Exhibition on “Herbal Resources and Remedies”
- 18.02.2010 – 19.02.2010 - *Vetiver - A Potential Plant for Phytoremediation* National Seminar on Green Technology / Green Tech – 09, Nallamuthu Gounder Mahalingam College, Pollachi.
- 28.01.2014 – Presented a paper entitled on “Global Warming – A Perspective” in the national level seminar organized by PG department of Zoology, APA College for Women, Palani.
- 15.02.2018 - Presented a paper entitled “Effect of vermicompost on the NPK Levels in soil” in National Seminar on “Advances in Animal Science for sustainable Development” (AASSD - 2018) organized by the Post graduate department of Zoology, Jamal Mohamed College, Trichirappalli.

Papers Presented in International Level Seminar/Conference/Symposium

- 27.01.2017 – 28.01.2017 - Presented a paper entitled in Biological control of cotton pest *Sylepta derogata* by using plant extracts *Econeem*, *Acorus calamus* and *Piper longum*” held at Vivekanandha College of Arts and Sciences for Women, Thiruchengode, Namakkal.
- 25.01.2019 - Presented a paper entitled “GC-MS analysis of bioactive compounds of Black Pepper, *Piper nigrum* (L.)” in International conference on Environment and Health in Jamal Mohamed College, Trichy.
- 04.02.2019 – Presented a paper entitled “Physico-chemical analysis of Amaravathi Reservoir” in one day International seminar on Biological Sciences in APA College for Women, Palani.

International Level Paper Publication

- **Mariselvi. S** and Manimegalai.K, (2016), Biochemical studies of cotton pest *Sylepta derogata* Fab. by using *Econeem*, *Acorus calamus* and *Piper longum* extracts. *International Journal of Scientific and Research Publications*. **6(1), pp 388-401, ISSN 2250-3153.**
- Eswaran.N and **Mariselvi. S** (2016), Effect of organic manure and vermicompost on the nutrient levels (nitrogen, phosphorus and potassium) in amended soil. *International Journal of Current Research*. **8(1), pp.25014-25019.**
- **Mariselvi. S** and Manimegalai.K (2016), Comparative analysis of *Acorus calamus* and *Piper longum* extracts on *Sylepta derogata fabricius*, *International journal of Current Science and Technology*. **4(5), pp. 198-202.**
- Eswaran.N and **Mariselvi. S** (2016), Efficacy of Vermicompost on growth and yield parameters of *Lycopersicum esculentum*(Tomato). *International Journal of Scientific and Research Publications*, **6(1),pp: 95-108, ISSN 2250-3153.**
- **Mariselvi. S** and Manimegalai.K(2016), Comparative studies of *Econeem* and *Piper longum* extracts against cotton roller *Sylepta derogate fab.* *International Journal of Innovation Sciences and Research*. **5(2), pp.642-652.**

- Eswaran.N and **Mariselvi. S** (2016), Effect of vermicompost on growth parameters of *Lycopersicum esculentum* and NPK level of amended soil. *International Journal of Current Agricultural Sciences*. **6(9)**, pp. **115-116**, ISSN: **2277:1026**.
- Mathiyanga.K, **Mariselvi. S** and Manimegalai.K (2016),Efficacy of *Meloidogyne incognita* at Different Inoculum Levels on the Growth Parameters of Maize Crop. *International Journal of Horticultural & Crop Science Research*. **6(1)**, pp. **21-27**, ISSN **2249-4243**. (UGC Journal)
- **Mariselvi. S** and Manimegalai.K(2017), Biological control of cotton pest *Sylepta derogata* by using plant extracts Econeem, *Acorus calamus* and *Piper longum*. 3(2), pp 1064-1068. ISSN: 2454-5422.
- **Mariselvi. S** and Manimegalai.K(2017), Phytochemical Screening and XRD analysis of black pepper *P.nigrum*, International journal of Current Advanced Research 6(7), pp: 4992 – 4994. ISSN:O:2319-6475; ISSN:P: 2319-6505. (Scopus, Elsevier)
- **Mariselvi. S** and Manimegalai.K(2017), GC-MS determination of Bioactive Components of *Piper nigrum*, World journal of pharmaceutical and life science, Vol. 3(7)pp 243-245.
- **Mariselvi. S** and Manimegalai.K(2017), Phytochemical Screening And XRD Analysis of *Momordica Charantia*. *International Journal of Development Research Vol. 07, Issue, 08, pp.14593-14595, August, 2017*

National Level Paper Publication

Dhanalakshmi.V, Shanthi.K, **Mariselvi.S**, Neelamathi.E (2011), Phytoremediation of a eutrophic pond Krishnan anaikattu kulam of pollachi town by *Vetiveria zizanioides* L. *An Indian Journal of Environmental Science*, 7(1), pp.5-9, ISSN: 0974-7451.