

BIODATA

Name : Dr. M. SURESH
Education Qualification : M.Sc., M.Sc (Bioinfo), PGDCA, Ph.D
Age : 38
Teaching Experience : 8
Research Experience : 13 years
Address : Dr.M.Suresh
S/o R. Murugesan
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DOCTORATE OF PHILOSOPHY

Ph.D Thesis: Studies of Ethnomedicinal Plants in Western Ghats of Pothgai hills Tirunelveli District, Tamilnadu (India) with Special Reference to Skin Diseases

TEACHING WORKING EXPERIENCE

Teaching Experience (June 16, 2014 – Till date) – 3 years 2 months

UG – 3 years 2months
PG – 2 years 2months
Assistant Professor
Department of Botany
V.H.N.Senthikumara Nadar College (Autonomous)
Virudhunagar

RESEARCH EXPERIENCE

Research Scholar

Ph.D research scholar – 07/11/2007 to 03/04/2013
Research Department of Botany
V.H.N.Senthikumara Nadar College (Autonomous)
Virudhunagar

RESEARCH EXPERIENCE

Junior Research Scholar (February 2011 – January 2013) – 2 years

Research Department of Botany

Pachaiyappa's College

Amanjikarai, Chennai -30

JRF Project Title:

Project Ref. No.: F. No. Z. 15017/10/2010-LHT

“Scientific Validation of Ethnoveterinary Medicine Practiced by Indigenous People in Northern Eastern Ghats of Tamil Nadu: Collection, Documentation and Promotion of Ethnoveterinary Practices”.

PUBLICATIONS

1. Jayabalan, M., Aron, S, **Suresh. M.** and Rajarathinam, K. 2009. An Uncommon wall thickening of stomata guard cells. *Journal for Bloomers of Research*. 1(2)137-139.
2. Rajarathinam.K, Jayabalan.M, Aron.S, **Suresh.M** and Dhevashanthakumari, G (2009). Free Radical scavenging and antilipid peroxidation Activity of *Tephrosia purpurea* L. *Journal of Theoretical and Experimental Biology*. 6(1): 51-56.
3. **M.Suresh** P. Mehalingam, (2009). Antimicrobial activity of *Wrightia tinctoria* R.Br. An ethnomedicinal plant of Apocyanaceae. *Indian Journal of Botanical Research* 5:187-190.
4. **M.Suresh**, M.Ayyanar, L. Amalraj and P.Mehalingam, (2012). Ethnomedicinal Plants used to treat Skin Diseases in Pothigai hills of Western Ghats, Tirunelveli District, Tamil Nadu, India, *J. Biosci. Res.*, 2012.Vol. 3(1):112-121.
5. P.G.S.Shirley, N.Maria Francis Jeffrey Bose, S.Aron, **M.Suresh**, V.P.Elango and P.Mehalingam (2013). Ethnobotanical Documentation of Medicinal Plants in Southern Western Ghats, Tamilnadu (India). *A Treatise on Medicinal Plants and Herbal Products*. 47-52.
6. P. Mehalingam, **M.Suresh** And G.Rameshkumar. Morphological and Ontogenetic Studies of Nematode Galls on Aerial Organs of a Grass

Echinochloa colona (L.) Link- A New record. *J. Biosci. Res.*, 2013.Vol.4(3&4).

7. K. M. Maria John, Muniappan Ayyanar, Subbiah Jeeva, **Murugesan Suresh**, Gansukh Enkhtaivan, and Doo Hwan Kim. 2014. Metabolic Variations, Antioxidant Potential, and Antiviral Activity of Different Extracts of *Eugenia singampattiana* (an Endangered Medicinal Plant Used by Kani Tribals, Tamil Nadu, India) LeafHindawi Publishing Corporation, *BioMed Research International*. Volume 2014, Article ID 726145, 11.
8. **Murugesan Suresh**, Kokkaiah Irulandi, Vadivel Siva and Palanichamy Mehalingam, A Short review on Ethnomedicinal uses, phytochemistry and pharmacology of *Begonia malabarica* Lam. *International Journal of Botany Studies*, Volume 1; Issue 6; September 2016; Page No. 16-17. ISSN: 2455-541X. **Impact Factor: RJIF 5.12.**
9. **Murugesan Suresh**, Kokkaiah Irulandi, Vadivel Siva and Palanichamy Mehalingam. An Ethnobotanical Study on Medicinal Plants in Southern Western Ghats of Virudhunagar district, Tamil Nadu, India. *International Journal of Ayurvedic and Herbal Medicine* 6:4(2016) 2321 –2329. ISSN: 2249-5746.
10. Vellaichamy Petchimuthu Elango, Kokkaiah Irulandi, **Murugesan Suresh**, Palanichamy Mehalingam, Evaluation of phytochemical analysis and antimicrobial activity of different solvent seed extracts of *Caesalpinia Bonduc* (L.) Roxb. *International Journal of Botany Studies*, Volume 1; Issue 4; July 2016; Page No. 19-21. ISSN: 2455-541X. **Impact Factor: RJIF 5.12.**
11. Kokkaiah Irulandi, Sethupandian Geetha, **Murugesan Suresh**, Vadivel Siva, Natarajan Nirmalkumar and Palanichamy Mehalingam, Antimicrobial and Phytochemical analysis of different solvent extracts of barks of *Syzygium laetum* (Buch.-Ham.) Gandhi. Scholars Research Library *J. Nat. Prod. Plant Resour.* 2016, 6 (4):15-19 ISSN : 2231 – 3184.
12. A. Thalavaipandian, D. Munisamy, A.Sakthivel and **M. Suresh**. In vitro antibacterial activity of leaf extract of *Leucas aspera* against human pathogenic bacteria. *International journal of current science research*. Volume: 3; Issue: 5; May-2017; pp 1238-1252. ISSN: 2454-5422.
13. D. Gnanasangeetha and M. Suresh., A Review on Green Synthesis of Metal and Metal Oxide Nanoparticles. *Nature Environment and Pollution*

Technology, Vol.19, No.5, Page:1789-1800, 2020. Print ISSN number - 0972-6268, E-ISSN number-2395-3454.

14. Gnanasangeetha D, Suresh M, Umamageswari TSR, and Sarala Thambavani D, Modeling of Adsorbent (ZnO-NPs-AS-Os) with Artificial Neural Network *Indian Journal of Natural Sciences*, Vol.10, Issue 62, October / 2020
15. Dr. D. Gnanasangeetha, Dr. M. Suresh, Application of nanoparticles in Agriculture, *Journal of Seybold Report*, Vol 15, Issue 9, Page: 441, 2020.

PRESENTED SEMINAR AND CONFERENCE

1. **M. Suresh** “Antimicrobial, phytochemical analysis and ethnomedicinal documentation of *Chloroxylon swietenia* D” National level seminar on Herbal Medicine 2012. 27-28th, January, 2012. Nesamony Memorial Christian College, Marthandam. Tamilnadu.
2. **M. Suresh**, G. Rajiv Gandhi, M. Ayyanar and T.Sekar. Documentation of local knowledge of medicinal plants in the home gardens of Kargudal village, Cuddalore district, TamilNadu”. National Level Seminar on current status and future of plant therapeutic and phytomedicine, organized by department of Biochemicstry, Periyar University, Salem on 13-14th February, 2012.
3. **M. Suresh**, “Ethnomedicinal Plants used to treat Skin Diseases in Pothigai hills of Western Ghats, Tirunelveli District, Tamil Nadu”. National Level Seminar on current status and future of plant therapeutic and phytomedicine, organized by department of Biochemicstry, Periyar University, Salem on 13-14th February, 2012.
4. **M. Suresh**, T.Sekar, and P.Mehalingam. Preliminary phytochemical and antimicrobial assay of critically endangered medicinal plant *Eugenia singampattiana* Beddome (Myrtaceae). National Conference on Phytomedicine, organised by Department of botany and School of life Science, Bharathiyar University Coimbatore on 4th and 5th October 2012.
5. **M.Suresh**, N.Nirmal Kumar and Mhalingam. National seminar on Recent trends in plant science on 18th and 19th September, 2014. Organised by department of plant biology and plant biotechnology entitled Preliminay phytochemical and antimicrobial analysis on vulnerable plant *Chloroxylon swietenia* DC.

PARTICIPATED SEMINAR AND CONFERENCE

1. One day seminar on renewable energy – energy of the future, on 25th August 2005, sponsored by Tamilnadu Energy development Agency, Chennai organised by V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar.
2. International conference on transcriptomics, 18-19th January, 2008, organized by Department of biotechnology, Bioinformatics, Microbiology and genetics, Ayya Nadar Janaki Ammal College, Sivakasi (Presented Poster-Third Prize)
3. 8th National Level Biological Congress on Biotechnology: Glimpses of Future prospects, 9-10th January, 2009, organized by Department of biological Science, Muthayammal College of Arts & Science, Rasipuram, Tamilnadu, India.
4. NSFB 09, National Seminar on Frontiers in Biotechnology on 22nd July 2009 – 24th July 2009 organised by School of Biotechnology & Genetic Engineering Bharathiar University, Coimbatore.
5. Biodiversity for sustainable development: threats, indicators, climate change, poverty alleviation and targets for safeguarding biodiversity, 25-27th august 2010, Madurai Kamaraj University, Madurai.
6. Interdisciplinary Workshop on Biosensors and their Applications, 20th December – 2010. Sponsored by ageis of Defence Institute of physiology and Allied Sciences (DIPAS) and Defence research and development organisation (DRDO) Organised by Biomedical Research Lab, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar.
7. National conference on Emerging Trends in medicinal plants and Herbal products on 12th December 2013 and 13th December 2013 organised by Research Department of Botany, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar.
8. National Level Biological Congress on Recent Advances in Biological Science towards sustainable development, 9-10th January, 2015, organized by Department of biological Science, Muthayammal College of Arts & Science, Rasipuram, Tamilnadu, India.
9. UGC sponsored national seminar on Recent Advance in Chemical research (RACR-2017), January 24-25, 2017, organized by the department of

Chemistry, V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar.

10. Faculty Development Programme on “Recent Research Issues in Bio-informatics and Biosensors”, 17th March – 19th March 2017, organised by Department of computer applications in association with centre for learning technology, Kalasalingam University Krishnankoil, Virudhunagar.
11. National seminar on Recent Advances in Plant biology sponsored by UGC and organised by department of Botany with specialization in Plant biotechnology, The standard fireworks Rajaratnam College for women, Sivakasi on 13th & 14th July 2017.

PARTICIPATED TRAINING AND WORKSHOP

1. Man power training programme in the trade of “Integrated Farming” sponsored by Ministry of human resources development – government of India and organised by Virudhunagar Vellaichamy Nadar Polytechnique college (Autonomous) Virudhunagar on 14.02.2005 to 14.03.2005
2. Hands on training programme for techniques for molecular biology. Sri Paramakalyani College of Arts and Science, Alwarkurichi. Tirunelveli.
3. Interdisciplinary workshop on Biosensors and their applications on 20th December 2010. Sponsored by under the aegis of defence Institute of physiology and allied Sciences (DIPAS) defence Research and development Organisation (DRDO) – New Delhi, Organised by Biomedical Research Lab, VHNSN College, Virudhunagar – 626 001.
4. Workshop on scouting, Documentation and Dissemination of Grassroots Innovations and Traditional Knowledge. Department of Botany, The Madura College (Autonomous), Madurai – 625011.
5. National level workshop on research projects, Funding Agencies and E-Resources sponsored by Tamil Nadu State Council for Science and Technology and Indian Academic Researchers Association organised by Department of Zoology Saiva Bhanu Kshatriya College, Aruppukottai on 29th July 2017.
6. Workshop on “ Excellent designing using Photoshop ” organised by Department of Computer science, VHNSN College (Virudhunagar), Virudhunagar on 06.09.2010 to 24.09.2010.

RESOURCE PERSON IN VARIOUS PROGRAMME

1. Usilampatty Educational District Level Science Exhibition 2014-2015 held at Government Higher Secondary School, Kallikudi on 29.10.2014
2. Young Student Scientist Programme (YSSP-2015) organized by Tamilnadu state council for Science for science and Technology, Virudhunagar. V.H.N.Senthikumara Nadar College (Autonomous), Virudhunagar.
3. 23rd National Children's Science Congress – 2015, Tamilnadu (A programme of NCSTC, DST, Govt of India, New Delhi) Focal theme Understanding Weather

AWARDS: OUTSTANDING SPORTS PERSON 2002, from Rotary club of Virudhunagar for the National Level Achievement in YOGA on 07.07.2002.