

CURRICULUM VITAE

Dr. V. SIVA, M.Sc., M.Phil., Ph.D.,
Assistant Professor
Research Department of Botany
V.H.N.S.N. College (Autonomous),
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ACADEMIC QUALIFICATIONS

- 2013 – 2017 **Doctor of Philosophy (Ph.D.) in Botany**, V.H.N. Senthikumara Nadar College, (Autonomous), Virudhunagar, Affiliated to Madurai Kamaraj University, Madurai. Awarded with Highly Recommended and Highly commented.
- 2010 – 2011 **Master of Philosophy (M.Phil.) in Botany**, V.H.N. Senthikumara Nadar College, (Autonomous), Affiliated to Madurai Kamaraj University, Madurai. First class.
- 2007 – 2009 **Master of Science (M.Sc.) in Botany**, V.H.N. Senthikumara Nadar College, (Autonomous), Affiliated to Madurai Kamaraj University, Madurai. First class.
- 2004 – 2007 **Bachelor of Science (B.Sc.) in Botany**, V.H.N. Senthikumara Nadar College, (Autonomous), Affiliated to Madurai Kamaraj University, Madurai. Third class.
- 2003 – 2004 **Higher Secondary School (HSC)**, Hajee P. Syed Mohamed Higer Secondary School. Second class.
- 2001 – 2002 **Secondary School (SSLC)**, Government High School, Chatrareddiapatti. First class.

RESEARCH EXPERIENCE – 7 Years

- **Research Experience – 7 Years**

Programme	Topic	Year
M.Phil	"Phytochemical Investigation and Antipyretic Activities of Two Ethno Medicinal Plants, <i>Canna indica</i> l. and <i>Pedaliium murex</i> l."	2010 - 2011
Ph.D	A Study on Ethno-Veterinary Medicinal Plants Used by <i>Paliyars</i> in Southern Western Ghats of Virudhunagar District, Tamil Nadu (India)	2011 - 2017

RESEARCH PUBLICATIONS

2022	:	A.Alagu Lakshmi , V.Siva , J.Pandiarajan , B.Lawrence , N.Prithivikumaran and N.Jeyakumaran., 2022. Antibacterial Activity of Cadmium Stannate Nanoparticles Synthesized by Chemical Precipitation Method. IOSR Journal Of Applied Physics (IOSR-JAP). e-ISSN: 2278-4861.Volume 14, Issue 5 Ser. II (Sep. – Oct. 2022), PP 01-06
2021	:	V. RAMESH1*, S. RAMAKRISHNAN, and V. SIVA., 2021. Antibacterial activities of endophytic Xylaria sp. strain SR2 from <i>Araucaria heterophylla</i> against drug resistant <i>Staphylococcus aureus</i> strains. J. Mycopathol. Res. 59(4) : 435-441, 2021; (ISSN 0971-3719).
2019	:	V. Siva , K. Irulandi and P. Mehalingam. 2019. Assessment of phytochemical analysis and antimicrobial activity of medicinal plant extracts against bacterial and fungal microbes. JETIR (Accepted).
2018	:	Irulandi, K and Siva , 2018. Qualitative phytochemical constituents assay of divers solvent extracts of chosen medicinal plants. IJGHC, 7(4): 741-748.
2018	:	D. Kayal vizhi, K. Irulandi, V. Siva , P. Mehalingam and N. Nirmalkumar. 2018. Phytochemical screening and anticancer activity of methanolic leaf extract of eucalyptus globulus labill. Asian Journal of Biochemical and Pharmaceutical Research Issue 4(Vol. 8),ISSN: 2231-2560.
2018	:	D. Kayal vizhi, K. Irulandi, V. Siva , P. Mehalingam and N. Nirmalkumar. 2018. Assessment of antioxidant activity and total phenolic content of <i>Eucalyptus globules</i> and <i>Syzygium cumini</i> leaves. IJGHC, 7(4): 419-425.

2016	:	Siva V and Ramesh V. 2016. Ethno-veterinary Survey of Medicinal Plants in Kovilpatti Taluk, Tuticorin District, Tamil Nadu, India. <i>International journal of current science research</i> , 9: 901-915.
2016	:	Ramesh V and Siva V . 2016. Isolation, characterisation and bioactivities of macro fungal isolates from Western Ghats of Courtallum Hills. <i>International Journal of Current Science Research</i> , 1:228-238.
2016	:	Suresh, M., Irulandi, K. Siva, V. and Mehalingam, P. 2016. A short review on ethnomedicinal uses, phytochemistry and pharmacology of <i>Begonia malabarica</i> Lam. <i>International Journal of Botany Studies</i> , 1(6): 16-17.
2016	:	Suresh, M., Irulandi, K. Siva, V. and Mehalingam, P. 2016. An Ethnobotanical Study on Medicinal Plants in Southern Western Ghats of Virudhunagar district, Tamil Nadu, India. <i>International Journal of Ayurvedic and Herbal Medicine</i> 6:4(2016) 2321 –2329.
2016	:	Irulandi, K. Geetha, S. Suresh, M. Siva, V. Nirmalkumar, N. and Mehalingam, P. 2016. Antimicrobial and Phytochemical analysis of different solvent extracts of barks of <i>Syzygium laetum</i> (Buch.-Ham.) Gandhi. <i>J. Nat. Prod. Plant Resour.</i> , 2016, 6 (4):15-19.
2013	:	Siva, V. Rameshkumar, G. and Mehalingam, P. 2013. Ethnoveterinary Practices among Paliyar tribal Communities of Southern Western Ghats in Virudhunagar District, Tamil Nadu, India. <i>Journal of out reach</i> . 55-63.
2012	:	Siva, V. , Jeffrey Bose, N.J., Mehalingam, P. and Thanga Thirupathi, A. 2012. Evaluation of Antipyretic Activity of <i>Pedaliium murex</i> Against Brewer's Yeast-Induced Pyrexia in Rats. <i>Journal of Ornamental and Horticultural Plants</i> 2 (2): 131-137.
2012	:	Aron, S., Siva, V. and Mehalingam, P. 2012. Pharmacognostical and Preliminary Phytochemical Investigation of <i>Launaea sarmentosa</i> (Willd.) Sch. Bip. ex Kuntze. <i>International Journal of Pharmaceutical Research</i> 4(2): 80-8.
2011	:	Aron, S., Siva, V. and Mehalingam, P. 2011. Ethnobotanical study of medicinal plants used for the treatment of various skin diseases by native doctors in ramanathapuram district, Tamilnadu – 162- 166.

RESEARCH PAPERS IN PROCEEDINGS

- 2015 : Jeffrey Bose, N.J., **Siva, V** and Mehalingam, P. 2015. Analgesis and Anti-inflammatory activities of leaf extracts of Ethnomedicinal plants *Diplocyclous palmatus* (Linn). C. Jeffrey. Current and Emerging Trends in Biological Sciences.
- 2013 : **Siva, V.**, Maria Francis Jeffrey Bose, N. and Mehalingam, P. 2013. Anthelmintic activity of leaf extract of *Strychnos nux-vomica* Linn. In: A Treatise on Medicinal plants and Herbal Products Department of Botany, V.H.N.S.N College (Autonomous), Virudhunagar on 12th and 13th December 2013. ISBN: 978-93-81723-18-0, pp320 - 331.

SELECTED PAPERS PRESENTED IN INTERNATIONAL CONFERENCES

- 2016 : Presented a paper entitled “Studies of Phytochemical screening and antiphyreptic activity of *Cissampelos pareira* Linn and *Cryptolepis buchanani* Roem schult leaves in rats” in International Symposium on Medicinal Plants and Herbal Drugs in Human and Livestock Wealth A Global Prospective. held at the P&G Research Department of Botany, Pachaiyappa’s College, Chennai on 29th to 31th January 2016.

PAPER PRESENTED IN STATE / NATIONAL LEVEL SEMINARS/CONFERENCES

- 2018 : Presented a Research paper entitled “Phytochemical screening and GC-MS analysis of methanolic extract of *Gymnema sylvestre* (Retz) R.Br. Ex Sm”. A Traditionally used medicinal plant. In National Conference on Advanced Biochem Development organized by Department of Biochemistry, Sri Saradha Niketan College for Women, Amaravadiputhur, Karaikudi, on 18th and 19th September – 2018.
- 2018 : Presented a Research paper entitled “Antimicrobial activity of medicinal plants of various solvent extracts tested against pathogenic microbes”. In National Seminar on Miracle microbes organized by Department of Microbiology, VHNSN College (Autonomous), Virudhunagar, on 25th September – 2018.
- 2015 : Presented a paper entitled “Ethnoveterinary Practices among Paliyar tribal Communities of Southern Western Ghats in Virudhunagar District, Tamil Nadu, India”

in the National Seminar on Plant Genetic Resources: Utilization and Conservation on 12th & 13th February 2015 organized by P&G Research Department of Botany, V.O.Chidambaram College, Thoothukudi.

- 2013 : Presented a Research paper entitled “Anthelmintic Activity of Leaf Extract of *Strychnos nux-vomica* Linn.” In National Conference on Emerging Trends in Medicinal Plants and Herbal Products held at Department of Botany, VHNSN College Virudhunagar, on 12th and 13th December 2013.
- 2011 : Presented a paper entitled “Ethnobotanical study of Medicinal plants used for the treatment of various skin disease by native doctors in Ramanathapuram District, Tamilnadu” in the National conference on Conservation, improvement and sustainable use of medicinal plants and non – wood forest products on 8th – 9th – March - 2011 organized by Institute of forest productivity, (Indian Council of forestry Research and Education) , N.H. – 23, Lalgutuwa, Ranchi.

ORGANIZED IN SEMINAR/WORKSHOP/TRAINING

- 2018 : Organized one day programme on “Vehicle Emission Test - 2018” organized by Department of Environmental Science, VHNSN College, Virudhunagar during 19th – December 2018.
- 2017 : Organized one day Awareness programme on “Dengue Awareness Campaign” organized by Department of Department of Microbiology, VHNSN College, Virudhunagar on August 2017.
- 2017 : Organized Two days Training programme on “Domestic Drinking Water Quality Assessment” organized by Department of Environmental Science and Department of Microbiology, VHNSN College, Virudhunagar during 19th – 20th February 2017.

ARTICIPATION IN SEMINAR/WORKSHOP/TRAINING

- 2018 : Participated National Conference on “Transformation of Youth – A Lead to Skilled and Developed India” organized by Research Department of Commerce, VHNSN College, Virudhunagar during 27th – 28th February 2018.

- 2018 : Participated one day state level seminar on “Current Strategies in Forest Resources Management” organized by Department of Zoology, VHNSN College, Virudhunagar during 16th February 2018.
- 2017 : Participated State Seminar on Energy and Environment organized by Department of Physics VHNSN College, Virudhunagar during 28th September 2017.
- 2016 : Participated National Seminar on Emerging Trends in Biological Sciences organized by Research Department of Botany VHNSN College, Virudhunagar during 12th February 2016.
- 2015 : Participated state level Seminar on Life Sciences Today organized by Department of Biochemistry. V.V.Vanniaperumal College, Virudhunagar during 24th February 2015.
- 2015 : Participated State Level Seminar on Beginning Perl For Bioinformatics organized by Research Department of Botany VHNSN College, Virudhunagar during 28th February 2015.
- 2010 : Participated One days interdisciplinary workshop on Biosensor and their Applications held on 20th December 2010 conducted by Biomedical Research Lab, VHNSN College, Virudhunagar.
- 2009 : Participated National Level Biological Congress on Biotechnology: Glimpses of Future Prospects organized by Department of Biological Science, Muthayammal College of Arts and Science, Rasipuram during 9th& 10th January 2009.
- 2008 : Participated Two days Workshop on Nanoscience and Technology in Diagnostic Application and Drug Delivery organized by Research Department of Botany VHNSN College, Virudhunagar during 11th and 12th August 2008.
- 2007 : Participated State Level Seminar on Social Applications of Biotechnology organized by Research Department of Botany VHNSN College, Virudhunagar during 21th September 2007.

CERTIFICATE COURSE:

- 2006 : Completed “Mushroom Cultivation” organised by V.S.V.N. Polytechnic College,

Virudhunagar, during on 01st -16th – 2006.

GUEST LECTURE IN SEMINARS/CONFERENCES

- 2019 : Tamilnadu State Council for Science and Technology, Program on Creation of Scientific awareness at VHNSN College, Virudhunagar, 14th – February, 2019.
- 2019 : Tamilnadu State Council for Science and Technology, Program on Creation of Scientific awareness for Young Students Scientist Programme at VHNSN College, Virudhunagar, 23rd December - 2018 to 6th January , 2019.

AWARENESS PROGRAMME

- 2008 : Participated One day Awareness Programme on “Biodiversity Conservation to college students of southern districts of tamilnadu” organized by Research Department of Botany VHNSN College, Virudhunagar during 11th March 2008.
- 2007 : Participated One day Awareness Programme on “Solid waste management” organized by Research Department of Botany VHNSN College, Virudhunagar during 19th February 2007.
- 2006 : Participated One day Awareness Programme on “Biomedical waste management” organized by Research Department of Botany VHNSN College, Virudhunagar during 3rd March 2006.

AREA OF INTEREST IN RESEARCH

- Bioactive Natural Compounds against drug resistant bacterial pathogens
- Extraction and Purification of secondary metabolites from macro and endophytic fungi
- Activity screening of antimicrobial and anticancer properties of bioactive natural products
- Identification and characterization of diverse macro and endophytic fungi

TECHNIQUES KNOWN

- Pharmacological Evaluation Technique
- Ethnobotanical Survey
- Microbiology Techniques

- Phytochemical Analysis
- Bioactive compounds extraction
- Bioactivities - antimicrobial studies
- Tissue culture
- Molecular techniques
- Chromatographic techniques

EXTRA CURRICULAR ACTIVITIES

➤ NSS – National Service Scheme

2004-2006 : VHNSN College, Virudhunagar.

Inter – Collegiate Special Camp

2006 : Participated Ten days Special Camp Programme on the theme Healthy Youth for Healthy India organized by VHNSN College, Virudhunagar at Pullalakottai Village, Virudhunagar District from 23.09.2006 to 02.10.2006

2004 : Participated Ten days Inter – Collegiate Camp on Youth for Cleanliness and Water Resource Management Organized by VHNSN College, Virudhunagar at Thavasilingapuram, Sankaralingapuram, Mannarnayakkanpatti – Moolipatti Panchayat, Virudhunagar District from 16.08.2004 to 25.08.2004.

One Day Camp

2005 : Participated One day Special Camp organized by VHNSN College, Virudhunagar at Avudaiapuram Village, Virudhunagar District during 07.01.2005.

AWARENESS CYCLE RALLY PROGRAMME

2005 : Participated in the AIDS Awareness Cycle Expedition From Virudhunagar to Madurai (Virudhunagar – Pullalakottai – T-Kallupatti – Thirumangalam – Chekkanoorani – Madurai City – Kariapatti – Mallankinar - Virudhunagar) Organized by VHNSN College, Covering a distance of 150 kms on 1.12.2005 to 2.12.2005.

CHESS TOURNAMENT PARTICIPATION

2007 : Participated in the Pagalam Usha Sasidharan P.M.A.N.D. chess tournament held on 27.09.2007 at Virudhunagar.

LANGUAGES KNOWN

- Tamil and English

COMPUTER KNOWLEDGE

- MS Word and Photoshop

PERSONAL INFORMATION

Name : **Dr. V. SIVA, M.Sc., M.Phil., Ph.D.,**
Father's Name : Thiru.N. Vadivel
Sex : Male
Age & Date of Birth : 30&17.02.1987
Category : MBC (DNC)
Caste / Religion : Maravar / Hindu
Nationality : Indian
Address: 1/30. Middle street, Pullalakottai,
K. Usillampatti Post, Virudhunagar Dist – 626 001,
Mobile No: +91 80121 55690
Email id: sivavplk@gmail.com

REFERENCE

Dr.P.Mehalingam,
Assistant Professor,
Research Department of Botany,
V.H.N.Senthikumara Nadar College
(Autonomous),
Virudhunagar 626 001
Mobile No: 94435 45338

Dr. M. Jayakumar, (Rtd)
Former Register,
Thiruvalluvar University,
Vellore – 632 115
Mobile No: 9843892729.

DECLARATION:

I hereby declare that all the details furnished above are true to my knowledge and belief.

Place: Virudhunagar

Date:

(V. SIVA)