

Name : Dr. M.VENKATESAN
Designation : Assistant Professor
Department : Botany
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Educational Qualification: M.Sc., Ph.D.

Degree	Subject	College/University & Place	Year of Completion
B.Sc.	Botany	Saraswathi Narayanan College, M.K.University, Madurai	1997
M.Sc.	Botany	Saraswathi Narayanan College, M.K.University, Madurai	2000
Ph.D.	Botany	SPK Centre for Environmental Sciences, M.S.University, Alwarkuruchi	2009

Specialisation in Teaching

Plant Diversity I & II, Angiosperm Taxonomy, Embryology, Plant Anatomy, Cell Biology, Plant Ecology, Genetics, Plant Physiology and Plant Biotechnology

Specialisation in Research: Ethnobotany, Plant Ecology and Phytochemistry

Research Interests

1.Ethnobotany; 2. Pharmacognosy; 3. Phytochemistry

Membership in Professional Bodies

International Association of Ecology

Indian Science Congress Association (2010-2011)

Articles Published in National / International Journals

1. Viswanathan, M.B., S. Ramakrishnan, B. Jeyasuresh, N. Andal & **M. Venkatesan**. 2004. Amendment to an Endemic species *Dalbergia tinneveli*ensis Thoth., family Fabaceae on its rediscovery from Kalakkad-Mundanthurai Tiger Reserve, India. **Journal of the Bombay Natural History Society**, 101(1): 191-194.
2. **Venkatesan, M.**, M.B. Viswanathan, N.Ramesh and P. Lakshmanaperumalsamy. 2005. Antibacterial and Phytochemical studies on the stem of *Suregada angustifolia* from Peninsular India. **Pharmaceutical Biology**, 43(3): 201-204.
3. **Venkatesan, M.**, M.B. Viswanathan, N.Ramesh and P. Lakshmanaperumalsamy. 2005. Antibacterial Potential from Indian *Suregada angustifolia*. **Journal of Ethnopharmacology**, 99: 349-352.
4. Senthil Murugan, Viswanathan, M.B. and **Venkatesan, M.** 2009. Free radical scavenging activity of *Phyllanthus longiflorus*. **Asian Journal of Microbiology, Biotechnology and Environmental Sciences**, 11: 339-342.
5. Sivapriya, O., Viswanathan, M.B., Balakrishna, K. and **Venkatesan, M.** 2011. Chemical constituents and *in vitro* antioxidant activity of *Phyllanthus wightianus*. **Natural Product Research**, 25 (10): 948-959.
6. Sivapriya, O., Viswanathan, M.B. and **Venkatesan, M.** 2011. Wound Healing Activity of Solvent Extracts of *Phyllanthus Wightianus* (Whole Plant). **Journal of Basic and Applied Biology**, 5: 336-343.
7. Ebbie, M.G., R. Rajarajeshwari and **M. Venkatesan**. 2011. Antibacterial effect of an endemic medicinal plant *Jatropha maheswari* Subram and Nayar. **Proceedings of National Conference on Biotechnology for Sustainable Development**. Department of Biotechnology D.D.U. Gorakhpur University. Pp. 19-23.
8. Thangaraj, N., Louis Jesudass, L. **Venkatesan, M.** 2013. Protective Effects of *Phyllanthus polyphyllus* Extract on Carbon Tetrachloride - Induced Hepatotoxicity in Rats. **International Journal of Research in Engineering and Bioscience**, 1(Special issue 1): 129-135.
9. Satish Kumar, P. M.B. Viswanathan, **M. Venkatesan**, and K. Balakrishna. 2017. Baueranol, a triterpenoid from Indian *Suregada angustifolia* : Induces reactive oxygen species – mediated P38MAPK activation and apoptosis in human hepatocellular carcinoma (HepG2) cells. **Tumour Biology**1-15.

Chapters in Books

10. **Venkatesan**, M., Viswanathan, M.B, and. Ebbie, M.G. 2013. Hepatoprotective potential of *Swertia corymbosa* (Gentianaceae) against carbon tetrachloride (CCL₄)-induced hepatotoxicity. In: A treatise on Medicinal plants and Herbal products. (Mehalingam, P. Rajarathinam and Jayakumar, M. (eds.), VHNSN College (Autonomous), Virudhunagar, Tamil Nadu, India.
11. Ebbie, M.G., Karthick, G. and **Venkatesan**, M. 2013. Invitro culture studies of an endemic medicinal plant *Jatropha maheswari*. In: A treatise on Medicinal plants and Herbal products. (Mehalingam, P. Rajarathinam and Jayakumar, M. (eds.), VHNSN College (Autonomous), Virudhunagar, Tamil Nadu, India.
12. Tamil Selvi, S., Viswanathan, M.B. and **Venkatesan**, M. 2014. Phytochemical and Antimicrobial investigations in *Pseudarthria viscida* (Fabaceae). Pp. 525-529. In: NanobioPharmaceutical Tehnology - Applicationsand Perspectives. Latha Subbiah, Selvamani Palanisamy and Subramanian Natesan (Eds), Elsevier, Adivision of ReedElsevier India Pvt. Ltd.
13. Thangaraj, N., Louis Jesudass, L. **Venkatesan**, M. 2016. Chemical constituents from *Phyllanthus polyphyllus* Willd. (Euphorbiaceae). C166-170. In: Botanicals and Phytochemicals: The Challenges and Promise for health care and Drug development. Baby Shakila, P. (Ed.), Rev. Jacob Memorial Christian College, Ambilikkai. (ISBN: 978-93-82323-60-0).

Conference / Seminar Presentations

1. **M.Venkatesan**, M.B. Viswanathan, K. Balakrishna, R. Govindarajan and A. Patra. 2009. Biological Evaluation of MBVMV isolated From *Suregada Angustifolia*. **International Herbal Conference – 2009, Herbal Medicine – Evaluation of Quality, Efficacy and Safety**, Banglore, India, **26-28, February, 2009**.
2. **Venkatesan**, M., Viswanathan, M.B. and Siva priya, O. Pharmacognostic analysis of leaves of *Suregada angustifolia* (Baill. ex Muell. Arg.) Airy Shaw (Euphorbiaceae). **Phytocongress 2010: An International Conference on Herbs and Herbo Mineral Formulations**. Shanmugha Arts, Science, Technology & Research Academy [SASTRA], Thanjavur, Tamil Nadu, India, **6th & 7th February 2010**
3. Siva priya, O., Viswanathan, M.B. and **Venkatesan**, M. Immunomodulatory activity of *phyllanthus wightianus*. **Phytocongress 2010: An International Conference on Herbs and Herbo Mineral Formulations**. Shanmugha Arts, Science, Technology & Research Academy [SASTRA], Thanjavur, Tamil Nadu, India, **6th & 7th February 2010**
4. **Siva Priya, O.**, Viswanathan, M.B. Venkatesan, M. 2010. Effect of *Phyllanthus wightianus* (Euphorbiaceae) on streptozotocin (STZ)-induced diabetic rats. **International conference on Medicinal plants and Herbal drugs:Challenges and opportunities in cultivation, sustainable utilization and conservation.ICMPHD-2010.Pachaiyappas college,Chennai-March-4-6th-2010**.
5. Venkatesan, M., Viswanathan, M.B. and **Siva priya, O.** Chemical Investigations and Antibacterial Activity of Roots of *Suregada angustifolia* (Euphorbiaceae). **International conference on Medicinal plants and Herbal drugs:Challenges and opportunities in cultivation, sustainable utilization and conservation.ICMPHD-2010.Pachaiyappas college,Chennai-March-4-6th-2010**.
6. **Venkatesan**, M. and O. Siva Priya. Intellectual Property Rights (IPR), Biotechnology, Biodiversity: An Overview. National Conference on Recent trends in Chemical and Biological Sciences (CHEM BIO'S CON-2009), K.M.G. College of Arts and Science, Gudiyattam, 23, 24 January 2009.
7. **Venkatesan**, M. and Viswanathan, M.B. Pharmacognostical Profiling of Roots of *Suregada angustifolia* (Baill. ex Muell. Arg.) Airy Shaw (Euphorbiaceae). **National Symposium on Standardisation of Crude Drugs**, M.S. University, Tirunelveli, Tamil Nadu, **23rd December 2009**.
8. **Venkatesan**, M., Viswanathan, M.B, and. Ebbie, M.G. 2013. Hepatoprotective potential of *Swertia corymbosa* (Gentianaceae) against carbon tetrachloride (CCL₄)-induced hepatotoxicity. **National Conference on "Emerging Trends in Medicinal Plants and Herbal Products"** VHNSN College (Autonomous), Virudhunagar, Tamil Nadu, 12th and 13th December, 2013.
9. Muralidharan, M. and **Venkatesan**, M. 2014. Invasive species and their impact on water quality of Tamiraparani riverine wetlands. **National Seminar on Water Resources and Management of Tamil Nadu**. Jamal Mohamed College, Trichy, Tamil Nadu, 3rd March 2014.

Participations

Workshops/ Seminar, Symposium and Conferences

1. Attended **Short Course on Chromatography (HPLC and GC)** Conducted by the Chromatography Society of India at Indian institute of Technology (IIT), Chennai, 16th and 17th February 2004.
2. Attended Workshop on **Pharmacoinformatics in Drug Design** at National Institute of Pharmaceutical Education and Research (NIPER), Chandigarh, from April 14-16, 2005.
3. Attended a Workshop on **Advanced Techniques in Microbiology and Biotechnology** conducted by Selvam Arts and Science College, Namakkal, from June 9-11, 2005.

4. Attended a Workshop on **Techniques in Marine Pharmacology (TMP-2011)** conducted by CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai, 19th and 20th March 2011.
5. Attended a DBT Sponsored Workshop on **Agroindustrial Applications of Plant Tissue Culture and Agrobacterium Mediated Gene Transfer and PCR Techniques**, conducted by S Saraswathi Narayanan College, Perungudi, Madurai-625 022 (Tamil Nadu) from Nov. 24 – Dec.08, 2011.
6. Attended a **National Training cum Workshop on Analytical and Technical Advancement in AAS and GC (WATA-AG)**, conducted by Department of Marine Sciences, Bharadidhasan University, Trichy (Tamil Nadu), 24th and 25th January 2012.
7. **National Symposium on Thermal Ecology** organized jointly by *Board of Research and Nuclear Science, Govt. of India and Manonmaniam Sundaranar University, Tirunelveli*, on 1st and 2nd February, 2002.
8. **National seminar on Medicinal Plants and Herbal Exhibition** organized by TNSCST, Chennai and *Kandaswamy Kandar College, Namakkal* on 12th February 2005.
9. **National Conference on Recent trends in Chemical and Biological Sciences (CHEM BIO'S CON-2009)**, *K.M.G. College of Arts and Science, Gudiyattam*, 23, 24 January 2009.
10. **International conference on Herbal Medicine – Evaluation of Quality, Efficacy and Safety, International Herbal Conference – 2009**, *The Lalit Ashok, Bangalore, India*, 26-28, February, 2009.
11. **National Symposium on Standardisation of Crude Drugs**, M.S. University, Tirunelveli, Tamil Nadu, 23rd December 2009.
12. **Phytocongress 2010: An International Conference on Herbs and Herbo Mineral Formulations**. *Shanmugha Arts, Science, Technology & Research Academy [SASTRA], Thanjavur*, Tamil Nadu, India, 6th & 7th February 2010
13. **International conference on Medicinal plants and Herbal drugs:Challenges and opportunities in cultivation, sustainable utilization and conservation**. ICMPHD-2010. *Pachaiyappas college, Chennai*, March-4-6th, 2010.
14. **National Conference on "Emerging Trends in Medicinal Plants and Herbal Products"** VHNSN College (Autonomous), Virudhunagar, Tamil Nadu, 12th and 13th December, 2013.
15. **National Seminar on Water Resources and Management of Tamil Nadu**. Jamal Mohamed College, Trichy, Tamil Nadu, 3rd March 2014.
16. **National Conference of Innovations in Biological Sciences**. National College, Trichy. 24 & 25.07.2014.
17. **International conference on Solutions to Ecological Challenges: Multidimensional Perspectives**. Fatima College, Madurai. 11-13.12.2014
18. **International Symposium on Emerging Trends in Bio-Chem Nutraceuticals**. Fatima College, Madurai. 4.12.2015
19. **National Conference on Botanicals and Phytochemicals: The Challenges and Promise for health care and Drug development**. Rev. Jacob Memorial Christian College, Ambilikkai. 4.02.2016
20. **National Conference on Recent Trends in Modern Biology & 47th Aqua – Terr Annual Conference**. Madurai kamaraj University, Madurai. 27, 28.02.2016

Lectures / Talks given

1. A guest lecture was delivered on **"Screening and Evaluation of Phytochemicals"** in the Department of Biotechnology at Sri Kaliswari College, Sivakasi on 18.07.2014.
2. A demonstration of Mushroom cultivation to Self help group and students of Sri Kaliswari College, Sivakasi.
3. A guest lecture was delivered on **"Acid rain"** in the Department of Botany SVN college, Madurai.

Attended Orientation/Refresher/FDP/Other Programme

1. UGC Sponsored 28 days **Orientation Programme** attended at UGC- Academic staff college, Madurai Kamaraj University during 17.12.2014 to 13.01.2015.

Other activities / information / academic credentials you would like to mention:

Reviewer in Journals

Natural Product Research (since 2011)

Bio Med Research International (since 2013)

International Journal of Agricultural waste and organic recycling (since 2014)

Chair Person

1.UGC sponsored National Level Conference on Innovation and Future Trends in Biology. National College, Trichy.24 & 25.07.2014.

2. National Conference on Botanicals and Phytochemicals: The Challenges and Promise for health care and Drug development. Rev. Jacob Memorial Christian College, Ambilikkai. 4.02.2016

BOARD OF STUDIES

Chairman of Botany since 2013 in Sourasthra College, Madurai

Member of Botany at Sri Kaliswari College, Sivakasi.