

CURRICULUM VITAE



1. Name of Candidate : **Dr. P. VINO**
2. Gender : **FEMALE**
3. Date of Birth : **27/06/1994**
4. Adders for Communication: **W/O Dr. C.SANTHOSH**

Uthaman Kottai-Village
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5. **Fellowship: DST Inspire Fellowship** (2016-2021), Department of Science and Technology, New Delhi.
6. **Educational Qualification:**

S. no	COURSE	YEAR of PASSING	INSTIUTION	Percentage with CLASS
1.	Ph.D. (BOTANY)	2016-2022	Periyar University, Salem	Highly Commended
2.	M. Sc., (BOTANY)	2014-2016	Periyar University, Salem	87% 1 st class with distinction University1 st rank holder and Gold medalist
3.	B. Sc., (BOTANY)	2011-2014	Vellalar college forwomen, Erode	78% 1 st class with distinction
4.	12 th std	2011	Annai Matric Higher secondary school, Harur	72%
5.	10 th std	2009	Saradha higher secondary School, Gobichettip alayam	80%

(a). whether passed NET/SET/Ph.D.: **Yes- Ph.D in BOTANY; AWARED DATE: MAY 22, 2023; Reg No: 16PHF2763**

Ph.D., Research title: Phytochemical, pharmacognostic and pharmacological activities of *Goniiothalamus wightii* Hook. f. & Thomson leaves using chromatographic, spectrophotometric and chemometric techniques.

7. Additional Qualification:

- a) **1st Rank holder** in M.Sc degree and **Gold Medalist**
- b) **Inspire Fellow** in Department of science and Technology (DST), New Delhi during the Ph.D degree

8. Teaching Experience: Two year in Sri Vidya Mandir Arts and Science College, Uthangarai, Krishnagiri-district, Tamil Nadu.

9. Number of Paper and Book Publications

A) National	:	02
B) International	:	09
C) Book Chapters	:	05

10. Number of Seminar/Workshops-Presentation and attended

A) National	:	20
B) International	:	10

11. Number of Project Guided in Master Degree

- a). Awarded : **06**
- b). Ongoing : **02**
- c). **26** Internship students Project Completed

12. Other activities

- a) Member of the internal compliance committee to prevent sexual harassment of women for period of 2018-2021 at Periyar University, Salem-636 011.
- b) Participated the One week sensitization programme organized by Counseling Centre. (UGC XII PLAN – GRANT-IN-AID EQUAL OPPORTUNITY CENTRE) & WOMEN CELL from 06.01.2014-12.01.2014 at Vellalar college for women (Autonomous), Thindal, Erode 638 012.

13. Hands on Training Programmed

- a) Training on Analytical and Preparative HPLC techniques held on February 12-13, 2018 at Periyar University, Salem-636 011.
- b) Training on Edible Mushroom Cultivation to self-Help Group held on February 12, 2015 at Periyar University, Salem-636 011.
- c) Training on Mushroom Technology held on October 16, 2014 at Periyar University, Salem-636 011.
- d) Women Empowerment Cell in Collaboration with Tamil Nadu Fire Rescue Service Department, Uthangarai Organized One day Training Programme on National Level

Disaster Management held on October 7, 2023 Sri Vidya Mandir Arts and Science College (Autonomous), Katteri, Uthangari, Krishnagiri, Tamil Nadu.

14. **Extra curriculum activities**

- a) Member of the **Youth Red Cross** during the period from 2011-2014 by Vellalar college for women (Autonomous), Thindal, Erode- 638 012.

15. **Conference, Workshop and Training Programme Organized**

- a) International Seminar on Modern Trends in Plant Based Industrial applications held on 16 July 2024 at Department of Botany, Sri Vidya Mandir Arts and Science College (Autonomous) Katteri, Uthangarai, Krishnagiri-District, Tamil Nadu.
- b) International conference on Life Science: Emerging Trends and Future Perspectives held on 27 & 28 March 2024 at Department of Botany, Sri Vidya Mandir Arts and Science College (Autonomous) Katteri, Uthangarai, Krishnagiri-District, Tamil Nadu.
- c) Hands on Workshop in Plant Identification and taxonomic key Preparation held on 21 March 2023 at Department of Botany, Sri Vidya Mandir Arts and Science College (Autonomous) Katteri, Uthangarai, Krishnagiri-District, Tamil Nadu.
- d) One day Training Programme on Terrace Garden and Kitchen Garden held on October 5, 2023 at IQAC and Department of Botany, Sri Vidya Mandir Arts And Science College (Autonomous) Katteri, Uthangarai, Krishnagiri-District, Tamil Nadu.

16. **Faculty Development Programme Participation**

1. E &ICT Academy, Phase II Microsoft Power BI Data Analyst hosted by Sri Vidya Mandir Arts and Science College (Autonomous), Katteri, Uthangari, Krishnagiri, Tamil Nadu organized by One Week FDP at 6th to 10th January 2025.
2. Internal Quality Assurance Cell (IQAC) and Department of Physcology from Periyar University, Salem, Tamil Nadu. Conducted A Multidisciplinary FDP on Work-Life Balance and Teacher Effectiveness in the VUCA World on August 28, 2023 to September 2, 2023 (one week).
3. Internal Quality Assurance Cell (IQAC) Organised National level faculty development programme on Assessment in higher education and Ethics in teaching held on September 23rd, 2023 Sri Vidya Mandir Arts and Science College (Autonomous), Katteri, Uthangari, Krishnagiri, Tamil Nadu.
4. Internal Quality Assurance Cell (IQAC) Organised National level Webinar on Intellectual Property Rights (IPR) held on September 27, 2023 Sri Vidya Mandir Arts and Science College (Autonomous), Katteri, Uthangari, Krishnagiri, Tamil Nadu.
5. Recent Trends in Biological Sciences (RTBS-2023), held on One week Faculty Development Programme October 16 to 20, 2023 at the Seethalakshmi Ramaswami College (Autonomous), Tiruchi, Tamil Nadu.
6. Internal Quality Assurance Cell (IQAC) organised National Level Online Faculty Development Programme on Classroom Communication and Professional Development and Micro and Macro Teaching held on October 17 & 18, 2023 Sri

List of Paper Publications:

1. Vino Palani, Balamuralikrishnan Balasubramanian, Balamuralikrishnan Balasubramanian, Santhosh Chinnaraj, Arunkumar Malaisamy, Viji Maluventhen, Wen-Chao Liu, Maruthupandian Arumugam, Investigation of the bioactive constituents of *Goniothalamus wightii*: Antioxidant, anti- inflammation, antimicrobial, anticancer, and molecular docking studies Kuwait Journal of Science xxx (2025) 100392 Kuwait Journal of Science
2. Vino palani, gunna sureshbabu suruthi, pandiarajan anisha, sivagaminathan thagavellu, balamuralikrishnan balasubramanian, naif abduallah al-dhabi, mariadhasvalan arasu and arumugam vijaya anand. High-throughput metabolomics for plant natural product research.
3. Velmani S., Balamuralikrishnan, B., Mani, S., Santhosh, C., **Vino, P.**, Viji, M., Hesani, K., Shreesheesha, C., Maruthupandian, A. (2024). An eco friendly synthesis of titanium oxide nano particles mediated from *Syringodium isoetifolium* and evaluate its biological activity and photocatalytic dye degradation. Inorganic Chemistry and Communications.
4. **Vino. P.**, Balamuralikrishnan, B., Santhosh, C., Viji, M., Vijaya Anand, A., Wen-Chao, L., Maruthupandian, A. (2023). Pharmacognostic, characterization, physico-chemical scrutinizes and biological attributes of *Goniothalamus wightii*. *Natural Resources for Human Health*.
5. **Vino, P.**, Chinnaraj, S., Shanmugasundaram, M., Malaisamy, A., Maluventhen, V., Arumugam, V.A., Rengasamy, K.R., Balasubramanian, B., Liu, W.C. and Arumugam, M. (2022). Derivation, Functionalization of (S)-Goniothalamine from *Goniothalamus wightii* and Their Derivative Targets SARS-CoV-2 MPro, SPro, and RdRp: A Pharmacological Perspective. *Molecules*, 27(20), 6962.
6. **Vino, P.**, Shanmugasundaram, M., Maluventhen, V., Santhosh, C., Liu, W., Balasubramanian, B. and Arumugam, M. (2020). Phytoconstituents and Their Potential Antimicrobial, Antioxidant and Mosquito Larvicidal Activities of *Goniothalamus wightii* Hook. F. & Thomson. *Arabian Journal for Science and Engineering*, 45(6), 4541-4555.
7. Murugesu, S. and **Vino, P.** (2017). Phytochemical constituents, antioxidant activity and FT-IR analysis of *Pisonia grandis* leaf extracts. *International Journal of Pharmacognosy and Phytochemical Research*, 9(7), 933-938.
8. Santhosh, C., **Vino, P.**, Yadav, S., Arumugam, M., Sivakumar, M., Maluventhen, V. and Singh, M. (2021). Green synthesis of silver nanoparticle using *Goniothalamus wightii* on graphene oxide nanocomposite for effective voltammetric determination of metronidazole. *Sensing and Bio-Sensing Research*, 32, 100425.
9. Santhosh, C., **Vino, P.** and Maruthupandian, A. (2021). Effect of *Padina tetrastromatica* and *Cymodocea serrulata* using different methods extract on growth and pigments of black gram (*Vigna mungo* L.). *Indian Journal of Natural Products and Resources (IJNPR) [Formerly Natural Product Radiance (NPR)]*, 12(2), 300-306.
10. Santhosh, C., Balasubramanian, B., **Vino, P.**, Viji, M., Rejeeth, C., Kannan, S., Ullah, H., Rengasamy, K.R., Daglia, M. and Maruthupandian, A. (2022). Biofabricated selenium nanoparticles mediated from *Goniothalamus wightii* gains biomedical applications and photocatalytic degrading ability. *Journal of King Saud*

University-Science, 34(8), 102331.

11. Santhosh, C., **Vino, P.**, Maluventhen, V., Chandrababu, R., Soundarapandian, K., Kaliannan, D., Rathinasamy, B., Liu, W.C., Balasubramanian, B. and Arumugam, M., 2022. Silver nanoparticle production mediated by *Goniothalamus wightii* extract: characterization and their potential biological applications. *Particulate Science and Technology*, 1-15.

List of Book Chapter Publications

1. **Vino, P.**, Maruthupandian, A., Muruges, S., Viji, M., Santhosh, C. and Murugan, P. (2021). Ethnomedicinal Plants of Kalakad Mundanthurai Tiger Reserve Forest: An Appraisal. The Phytochemical and Pharmacological Aspects of Ethnomedicinal Plants, 51-141.
2. **Vino, P.**, Santhosh, C., Maruthupandian, A., Viji, M., Vadivu, C. C., Muruges, S. and Murugan, P. (2021). Chemopreventive Effects of Natural Bioactive Compounds from the Genus *Goniothalamus*: A Review and Perspectives. The Phytochemical and Pharmacological Aspects of Ethnomedicinal Plants, 269-287.
3. Maruthupandian, A., Viji, M., Vadivu, C. C., **Vino, P.**, Santhosh, C., Murugan, P. and Mohan, R. (2021). Therapeutic Values of Ethnomedicinal Plants as a Relief of Body Pain Practiced by Palliyars. In The Phytochemical and Pharmacological Aspects of Ethnomedicinal Plants. Apple Academic Press. (237-253).
4. Maruthupandian, A., Viji, M., Vadivu, C. C., **Vino, P.**, Santhosh, C., Murugan, P. and Mohan, V. R. (2021). An Ethnobotanical Study of Medicinal Plants Used for the Treatment of Fever, Cold, and Cough (FCC) by Palliyars. In The Phytochemical and Pharmacological Aspects of Ethnomedicinal Plants. Apple Academic Press. (255-268).
5. Muruges, S. and **Vino, P.** (2018). An Ethnobotanical survey and investigation of medicinal plants from kiliyur and pattipadi in yercaud hills Salem. Ethnomedicinal Plants: A Biodiversity Treasure. Astral International Pvt. Ltd., New Delhi. (229-238).

List of Conference Presentation/Participation:

1. **P. Vino**, Two days International Seminar on Herbal Products and Drug Discovery held on July 30 and 31, 2024 at the Govt. Arts & Science College, Harur.
2. **P. Vino**, International conference on Contemporary Zeinith and Rejuvenation in Organic Agriculture and Microbial Biotechnology held on August 23rd, 2023 at the Padmavani Arts and Science College for Women (Autonomous), Salem- 636 011.
3. **P. Vino**, International conference on "BLOMMING SPECIES": A prosperous terrain for posterity held on February 15&16, 2012 at Vellalar College for Women (Autonomous), Erode-636 012.
4. **P. Vino**, Symposium on Biotechnological innovations towards global development held on February 27, 2014 at Vellalar College for Women (Autonomous), Erode-636 012.
5. **P. Vino**, National Workshop on Microbes to commercial products held on September 2, 2014 at Periyar University, Salem-636 011.
6. **P. Vino**, Innovative programme, Retreat of biology on cutting edges of modern techniques in plant sciences held on December 10, 2014 at Periyar University, Salem-636

011.

7. **P. Vino**, International conference on Perspectives in modern technology held on September 2, 2016 at Periyar University, Salem-636 011.
8. **P. Vino**, National seminar on Biodiversity products and industrial application held on September 28 & 29, 2015 at Periyar University, Salem-636 011.
9. **P. Vino**, National conference on Challenges and future perspectives of plant sciences held on October 7 & 8, 2015 at Periyar University, Salem-636 011.
10. **P. Vino**, National seminar on Earthworms-from vermitechnology to generative biology held on October 30, 2015 at Periyar University, Salem-636 011.
11. **P. Vino**, International seminar on Soil health for sustainable future held on December 3, 2015 at Periyar University, Salem-636 011.
12. **P. Vino**, International workshop on scholarly research publications: writing, citations and plagiarism held on February 1, 2016 at Periyar University, Salem-636 011.
13. **P. Vino**, National conference on Frontiers in ecobiological sciences and its applications (FESA-2016) held on March 17 & 18, 2016 at Periyar University, Salem-636 011.
14. **P. Vino**, International seminar on Measurement of quality publications: Issues, challenges and opportunities held on November 23, 2016 at Periyar University, Salem-636 011.
15. **P. Vino**, Workshop on Current scenario in plant sciences held on December 28 & 29, 2016 at V.O.Chidambaram college, Thoothukudi- 628 008.
16. **P. Vino**, Workshop on Floristic diversity and its conservation held on January 5-7, 2017 at Vivekanandha college of arts and science for women, Tiruchengode, Namakkal- 637 205.
17. **P. Vino**, Workshop on Plant taxonomy: morphological to molecular approach held on March 7 & 8, 2017 at Vivekanandha college of arts and science for women, Tiruchengode, Namakkal- 637 205.
18. **P. Vino**, International seminar on Recent trends in higher education: challenges and strategies held on March 15, 2017 at Periyar University, Salem-636 011.
19. **P. Vino**, National conference on Frontiers in ecobiological sciences and its applications held on March 16 & 17, 2017 at Periyar University, Salem-636 011.
20. **P. Vino**, Innovative approaches on herbal products held on October 13, 2017 at Periyar University, Salem-636 011.
21. **P. Vino**, National conference on Bioresource utilization for sustainable food and energy production held on February 1 & 2, 2018 at Periyar University, Salem-636 011.
22. **P. Vino**, National conference on Frontiers in ecobiological sciences and its applications held on February 7-9, 2018 at Periyar University, Salem-636 011.
23. **P. Vino**, International seminar on Life science- recent trends and applications held on February 9, 2018 at Periyar University, Salem-636 011.
24. **P. Vino**, International conference on Recent trends in multi-disciplinary research held on April 19 & 20, 2018 at Periyar University, Salem-636 011.
25. **P. Vino**, State level intercollegiate students seminar held on October 22, 2018 at Thiagarajar college, Madurai- 625 009.
26. **P. Vino**, International seminar on Research intelligence and database held on December 14, 2018 at Periyar University, Salem-636 011.
27. **P. Vino**, International conference on Extremophilic microbes for sustainable development in agriculture, environment and health held on December 19-21, 2018 at Periyar University, Salem-

636 011.

28. **P. Vino**, national conference on Innovative approaches and modern techniques in biological sciences held on January 22, 2019 at Periyar University, Salem-636 011.
29. **P. Vino**, National conference on Frontiers in ecobiological sciences and its applications held on October 16-18, 2019 at Periyar University, Salem-636 011.
30. **P. Vino**, Workshop for research scholars held on November 28, 2019 at Periyar University, Salem-636 011.
31. **P. Vino**, International conference on bioresource technology for food, energy and environmental sustainability held on January 8-10, 2020 at The Gandhigram rural institute (Deemed to be university), Gandhigram, Dindigul- 624 302.

List of Organizing Conference/Workshop/Seminar

1. Dr.P.Vino, Organizing member of International Conference on Life Science with Future Perspectives on World Perspectives on World Challenges and Development, 4&5th January 2025, Sri Vidya Mandir Arts & Science College, Katteri, Uthanagarai, Krishnagiri
2. Dr.P.Vino, Organizing Secretary of International Seminar on Modern Trends in Plant Based Industrial Applications, 6th July, 2024 Sri Vidya Mandir Arts & Science College, Katteri, Uthanagarai, Krishnagiri
3. Dr.P.Vino, Organizing Secretary of International Conference on Life Sciences: Emerging Trends and Future Perspectives (ICLS-ETFP-2024), Sri Vidya Mandir Arts & Science College, Katteri, Uthanagarai, Krishnagiri
4. Dr.P.Vino, Organizing member of A one day training programme on Terrace garden and Kitchen garden at 5, October 2023, Sri Vidya Mandir Arts & Science College, Katteri, Uthanagarai, Krishnagiri

Academic Committee

- Value added course - Co-Ordinator
- Class in-charge
- NAAC Criteria – III