

A. VINOTHINI



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9597806622

EDUCATIONAL QUALIFICATION

S. No	Degree	Year	Discipline	University / Institution	% of marks
1.	Ph. D	2021-2024	Zoology	Mother Teresa Women's University	
2.	M.Phil	2017	Zoology	Mother Teresa Women's University	Distinction 82%
3.	M. Sc	2014-2016	Zoology	Mother Teresa Women's University	First Class 82%
4.	B. Sc	2011-2014	Zoology	Mother Teresa Women's University	Distinction 84%

Ph.D DETAILS

Title	Guidance	Period	Date of Degree Awarded
Development of nano bio nematocide using symbiotic bacteria against <i>Meloidogyne incognita</i>	Dr. Sr. S. Iruthaya Kalai Selvam Assistant Professor, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni District.	2021-2024	

WORK EXPERIENCE

S.No	Positions held	Name of the Institute	From	To
1.	Lecturer	Jayaraj Annapackiam College for Women, Periyakulam.	July 2019	March 2020

PUBLICATION OF THE PATENT IN OFFICIAL JOURNAL

S.No	TITLE	Journal Name & Issue No.	App. Number	Publication Date
1	A kind of mushroom Fortified cake preparation Method thereof	Official Journal Of The Patent Office 05/2022	202241003519 A	04/02/2022
2	A method of preparation of an edible product mushroom marshmellow	The Patent Office Journal No. 28/2022 Dated 15/07/2022	202241039161A	15/07/2022

FUND

JACFRP funded students/Scholars project entitled “Extracellular Biosynthesis of Silver Nanoparticles using Entomopathogenic bacteria against *Meloidogyne Incognita*” with a grant of Rs.10,000 for the period 2021-2022.

RESOURCE PERSON

1. Served as a resource person for the Zoology Association and gave a presentation on “Healthy Diet Affordable for all” in September 2023.
2. Served as a resource person on the topic “Green Synthesis of Nano Particles and Their Characterization” 3-Day National Workshop on 6,7 & 8 December 2022 Organized by the Department of Biotechnology, Loyola Academy, Secunderabad. Andhra Pradesh.
3. Served as a resource person on the topic “Spirulina Cultivation” in Capacity Building, Skill Enhancement Compulsary Course (SECC2) for the students on 12th March 2021 organized Jayaraj Annapackiam College for Women (Autonomous) Periyakulam.

BOOKS PUBLISHED

Year	Title	Publication	ISBN
2022	Handbook on Mushroompreneurship,	New Century Book House (p) Ltd	978/81/2344-238-9
2022	Ethnopharmacological Properties of Muricidae Gastropods	Academic Publications	978-93-93336-03-3

BOOK CHAPTER PUBLISHED

S.No	Book Title	Year	Chapter Title/ Page	Publisher	ISBN
1.	Biodiversity and Conservation	2022	Diversity of Butterflies in Gandhigram Rural Institute-Deemed University, Gandhigram and Sirumalai hill stations, Tamil Nadu, India	Elite Publishing House New Delhi -110002 (INDIA)	ISBN: 978-81-955567-0-0
2.	Biodiversity and Conservation	2022	Diversity of Avifauna in Gandhigram Rural Institute- Deemed University, Gandhigram and Sirumalai hill stations, Tamil Nadu, India	Elite Publishing House New Delhi -110002 (INDIA)	ISBN: 978-81-955567-0-0

GEN BANK SUBMISSION

S.No	Book Title	Year	Chapter Title/ Page
1.	OM403107	<i>Heterorhabditis indica</i>	Jan 31, 2022
2.	ON929969	<i>Photorhabdus luminescens</i>	July 12, 2022
3.	OR512327	<i>Stenotrophomonas pavanii</i>	Sep 9, 2023
4.	OR512347	<i>Stenotrophomonas maltophilia</i>	Sep 9, 2023
5.	OR512348	<i>Enterobacter hormaechei</i>	Sep 9, 2023

PROCEEDINGS

1. Effect Of Seed Priming Using Potassium Silicate on Germination Performance Of Okra (*Abelmoschus Esculentus Var. Raadhika*) Published in the proceedings of the Virtual International Conference On Recent Progresses In Biological Sciences-2021 on 4th & 5th March, 2022 Organized by Department of Zoology Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi Sponsored by Department Of Biotechnology (Dbt), New Delhi & The Management Ayya Nadar Janaki Ammal College (pp -166)
2. Isolation of symbiotic Bacteria from Entomopathogenic Nematodes Published in the proceedings of Virtual International Virtual Conference on Recent Innovations in Biological Research (ICRIBR-2022) on 17th and 18th March 2022 at PSGR Krishnammal College for Women , Coimbatore,641004, Tamil Nadu organized by Department of Botany(pp -63)
3. Entomopathogenic Nematodes as a Biological Agent against Insects Published in the proceedings of 7th Go Green Summit 2021, on 14th – 15th October 2021 organised by ISERS (International Society of Environmental Relationship and Sustainability at Manila, Philippines. ISBN: 978-81-951121-4-2 Page | 33.

PAPER PRESENTED

1. Isolation of symbiotic Bacteria from Entomopathogenic Nematodes presented in the Virtual International Virtual Conference on Recent Innovations in Biological Research (ICRIBR-2022) on 17th and 18th March 2022 at PSGR Krishnammal College for Women , Coimbatore,641004, Tamil Nadu organized by Department of Botany(pp -63).
2. Awarded Best Poster Presentation for a research paper entitled “Isolation and Identification of Entomopathogenic Nematodes from Soil” in the “International Virtual Conference on Modern Zoology: Known and Unknown” organized by the PG & Research Department of Zoology, C. Abdul Hakeem College (Autonomous), Melvisharam, 28th & 29th October 2021.
3. Entomopathogenic Nematodes as a Biological Agent against Insects in 7th Go Green Summit 2021, on 14th – 15th October 2021 organised by ISERS (International Society of Environmental Relationship and Sustainability at Manila, Philippines. ISBN: 978-81-951121-4-2 Page | 33.

4. Presented topic on “Spirulina Extract as an Alternative to Synthetic Blue Color” in Poster presentation at Indo- Malaysian Two-Day International E-Conference, jointly organized by School of Chemistry, Madurai Kamaraj University, Madurai, Tamil Nadu, India & BioSES Research Interest Group, Faculty of Science and Marine Environment, University Malaysia Terengganu, Malaysia, partially funded by MKU- RUSA Phase II Scheme, during 16-17th September 2021.

RESEARCH ARTICLES PUBLICATIONS

1. L.Archana Devi, S. Iruthaya Kalai Selvam, T.Manimegalai, **A.Vinothini**, and D.kasthuri Santira kumari (2023) Effect of Microbe-based Soil drenched liquid bio fertilizer (Ecoroot) on Growth and yield of eggplant (*Solanum melongena* L.).Journal of Science and Humanities and Management (JACJOSHAM). ISSN: 2347-9868, Vol. 10, No.2, June 2023
2. C. Sagaya Rani, S. Priyanka Devi, S. Iruthaya Kalai Selvam, A. Anitha Mary, **A. Vinothini** (2023) Prevalence of COVID-19 at Theni medical college and hospital in Kanavilakku, Theni district, Tamil Nadu, India. An International Journal of Agricultural and Biological Research ISSN- 0970-1907. AGBIR Vol.39 No.4 Jul 2023
3. **A. Vinothini**, S. Iruthaya Kalai Selvam (2022) Extracellular biosynthesis of silver nanoparticles using entamopathogenic bacteria against *Meloidogyne incognita* An International Journal of Agricultural and biological Research, AGBIR Vol.38 No.6 November 2022
4. **Vinothini.A**, Iruthaya Kalai Selvam. S, Sagaya Rani. C and Prabhu. S 2022. Challenges on In-vivo Culture and Recovery of Entomopathogenic Nematodes from *Galleria mellonella* Indian Journal of Natural Sciences, ISSN: 0976 – 0997 Vol.12 / Issue 69
5. S. Muthuveeramal, *C. SagayaRani, P. Nagapriya, S. IruthayaKalai Selvam, **A. Vinothini** (2022). Study on Prevalence of Leprosy in Man at Theni, Tamil Nadu. REST Journal on Emerging Trends in Modelling and Manufacturing Vol: 8(1), 2022 REST Publisher; ISSN: 2455-4537, pp-44-47.
6. S. Iruthaya Kalai Selvam, S. Marian Bara Joicesky, A. Amolorpava Dashli, **A.Vinothini**, K. Premkumar (2021) Assessment Of Anti Bacterial, Anti Inflammation and Wound Healing Activity In Wistar Albino Rats Using Green Silver Nanoparticles Synthesized From *Tagetes Erecta* Leaves (2021) Journal Of Applied and Natural Sciences ISSN:0974-9411 (Print) 2231-5209 (Online) 13(1):343-351
7. Nagapriya, Sagayarani, IruthayaKalai Selvam, **A. Vinothini**, A. Anitha Mary

(2021), Effect of different agro waste on mass production of edible Pleurotus ostreatus, Journal of Science and Humanities and Management (JACJOSHAM). ISSN: 2347-9868, Vol. 9, No.1, December 2021, pp-67-79.

8. **Vinothini**, Arockiam Thaddeus, IruthayaKalai Selvam, Sagayarani, Nagapriya, A. Anitha Mary (2020), Status of protein accumulation in the coelomic fluid of earthworm exposed to selected heavy metals. Journal of Science and Humanities and Management (JACJOSHAM). ISSN: 2347-9868, Vol. 7, No.2, June 2020, pp-205-211.
9. **Vinothini** and Arockiam Thaddeus (2016). A study on earthworm treated azolla compost in relation to N, P,K and microbial load, Journal of Science and Humanities and Management (JACJOSHAM). ISSN: 2347-9868, Vol. 4, No.1, December 2016, pp-205-211.

PERSONAL PROFILE:

Father's Name	:	Mr. A. Arumugam
Mother's Name	:	Mrs. A. Devi
D.O.B.	:	03.04.1994 Age: 30 Yrs
Gender	:	Female
Marital Status	:	Married
Languages known	:	Tamil and English

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and belief.

PLACE: Periyakulam

DATE:

(VINOETHINI. A)