

PROFILE



Name : Dr. Sr. M. Velankanny

Qualification : M.Sc., PGDCA., PGDCE., Ph.D.

Designation : Assistant Professor

Department : Zoology

Date of birth : 13.04.1990

Community : BC

Religion : RC Catholic

Marital status : Bachelor

Date of appointment : 03.07.2024

Teaching experience : Two Years

Field of Specialization : Entomology & Microbiology

Residential Address : St. Anne's Convent,
Jayaraj Annapackiam College Campus, Periyakulam,
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College Address : Jayaraj Annapackiam College for Women (Autonomous),
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ACADEMIC QUALIFICATIONS

S.No	Academic Qualifications	Institution Studied	University	Year of passing	Class / Merit obtained
1	SSLC	Fathima Matha High School, Chinnakanal, Munnar, Kerala.	Board of Secondary Education	2005	First Class
2	HSC	St. Agnes Girls Hr. Sec. School, Rayappanpetty.	Board of Higher Secondary Education	2007	First Class
3	B.Sc Zoology	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	Mother Teresa University	2015	First class with distinction
4	PGDCE	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam.	Mother Teresa University	2015	First class with distinction
5	M.Sc Zoology	St. Mary's College, Tuticorin.	Manonmaniam Sundaranar University	2019	First class with distinction
6	PGDCA	Success Training Institute of Education, Tirunelveli.	Success Training Institute of Education	2021	First Class with distinction
7	Ph.D Zoology	St. Xavier's College, Palayamkottai, Tirunelveli.	Manonmaniam Sundaranar University	2025	
	Title of Ph.D Thesis	“Exploration of native isolates of entomopathogens for the management of cotton pests in southern districts of Tamil Nadu”			

LIST OF PUBLICATIONS

1. **Velankanny, M., Selvaraj, P., Francis Borgio, J., Sherlin John, J and Princy Rathnamala Jayaseeli, J. 2022. Bioefficacy of entomopathogenic fungi *Metarhizium anisopliae* (Metschn.) Sorokin against the cotton stainer, *Dysdercus cingulatus* (Fab.) (Hemiptera: Pyrrhocoridae). Journal of Biopesticides, 15(1): 59-72.**
2. **Princy Rathnamala Jayaseeli, J., Selvaraj, P., Sherlin John, J. and Velankanny, M. 2022. Phytochemical screening and pesticidal efficacy of phytoecdysteroid fraction of a fern *Pityrogramma calomelanos* (L.) Link against *Spodoptera litura* (Fabricius.). Journal of Biopesticides, 15(1):73-81.**
3. **Velankanny, M., Selvaraj, P., Pushpanathan, T., Ravichandran, B., Francis Borgio, J., Princy Rathnamala Jayaseeli, J and Sherlin John, J. 2023. Pathogenicity of native *Beauveria bassiana* (Balsamo Crivelli) Vuillemin isolate on *Dysdercus cingulatus* (Hemiptera: Pyrrhocoridae). Journal of Biopesticides, 16(1): 38-44. DOI:10.57182/jbiopestic.16.1.38-44**
4. **Princy Rathnamala Jayaseeli, J., Selvaraj, P., Pushpanathan, T., Anbu Radhika, S., Sherlin John, J and Velankanny., M. 2023. Role of *Pityrogramma calomelanos* (L.) Link in dietary and nutritional indices of *Spodoptera litura* (F.) (Lepidoptera: Noctuidae). Journal of Biopesticides, 16(1): 01-08. DOI:10.57182/jbiopestic.16.1.01-08**

BOOK PUBLICATION

1. **Published the book entitled “Fermented and Food and Beverages” by Alpha International Publication. ISBN: 978-93-48151-40-7**

CONFERENCE PROCEEDINGS

1. **Velankanny. M, Selvaraj. P, Sherlin John. J. 2021. “Exploration of native strains of *Metarhizium anisopliae* from cotton fields of Southern Tamil Nadu”. In Proceedings of the “International Conference on Multidisciplinary Research (ICMR 2021)” organised by ESN Publications held on 26th and 27th November 2021 at Hotel Turyaa, Chennai.**
2. **Velankanny. M, Selvaraj. P, Sherlin John. J, Princy Rathnamala Jayaseeli. J. 2022. “Bioefficacy of *Metarhizium anisopliae* against cotton mealybug *Phenacoccus solenopsis* Tinsley (Hemiptera: Pseudococcidae)”. In Proceedings of the “International Conference on**

Multidisciplinary Research and Innovation (AICMRI-2022)” organized by ESN publications held on 16th -18th December.

PAPER PRESENTATIONS

1. **Velankanny. M**, Selvaraj. P, Sherlin John. J. 2022, “**Exploration of Entomopathogenic fungi *Beauveria bassiana* native isolates from cotton fields of Southern Tamil Nadu**” was presented at the International Virtual Conference on Innovative Research in Humanity, Science and Technology (VCIRHST - 2022) jointly organised by Selvam Arts and Science College (Autonomous), Namakkal, on 6th and 7th January 2022.

2. **Velankanny. M**, Selvaraj. P, Sherlin John. J. 2022, “**SEM study of local *Metarhizium anisopliae* isolate against *Dysdercus Cingulatus* from Tirunelveli**” was presented at the International Conference on Recent Progresses in Biological Sciences organised by the Department of Zoology, Ayya Nadar Janaki Ammal College, Sivakasi during 4th and 5th March 2022 sponsored by Department of Biotechnology (DBT), New Delhi.

3. **Velankanny. M**, Selvaraj. P, 2023, “**SEM study of local *Beauveria bassiana* (Balsamo-Crivelli) Vuillemin isolate against *Dysdercus cingulatus* (Hemiptera: Pyrrhocoridae) from Tirunelveli**” was presented in the Annual International Conference on Recent Technology for Sustainable Development of Insects, Microbes & Health on 10th March 2023, Organized by Centre for Insects, Molecular Studies & Environment Research (CIMSER), Department of Advanced Zoology and Biotechnology, Loyola College (Autonomous), Chennai-34.

4. presented a paper entitled “**Exploration of native isolates of *Beauveria bassiana* from cotton fields of southern districts of Tamil Nadu**” at the National Seminar on “**INTERDISCIPLINARY TRENDS IN LIFE SCIENCES**” organised by PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women, Periyakulam on 25.09.2024.

SEMINARS, CONFERENCE AND WEBINARS ATTENDED

1. Participated in the International conference on “**Vectors: Menace and Management - VECMAN 2020**”, organised by PG and Research Department of Zoology, St. Xavier’s College (Autonomous) Palayamkottai, on 28th and 29th January 2020.

2. Participated in the National level Webinar on “**Mental health in higher education and COVID-19**”, conducted by the Department of Educational Psychology, Tamilnadu Teacher’s Education University Chennai, on 2nd June 2020.

3. Participated in the National level Webinar on **“Women in Entrepreneurship”** organised by entrepreneurship cell, Jayaraj Annapackiam College for Women (Autonomous) Periyakulam, on 15th June 2020.
4. Participated in the National level webinar on **“Zoology webinar series 2020”** organized by PG and Research Department of Zoology, St. Xavier’s College (Autonomous), Palayamkottai, on 23rd and 25th July 2020.
5. Participated in the Webinar on **“Innovation ideas for Research paper writing”** organized by the institution’s Innovation Cell and the Merian Research forum, St. Mary’s College (Autonomous), Thoothukudi, on 19th December 2020.
6. Participated in the International webinar on **“Recent Trends in Life Science”** organized by the PG and Research Centre of Zoology, Jeyaraj Annapackiam College for Women (Autonomous), Periyakulam, on 5th and 6th January 2021.
7. Participated in the Seminar on **“Research Dimension”** organized by the Internal Quality Assurance Cell (IQAC), St. Xavier’s College (Autonomous), Palayamkottai - 627002, on 11th March 2021.
8. Participated in the International Conference on **“Recent Trends in Aquaculture (ICRTA – 2022)”** organised by the Department of Zoology, St. Xavier’s College (Autonomous), Palayamkottai - 627002, on 25th March 2022.
9. Participated in the Recent progress in **“Bioprospecting- derived Therapeutic Products”** organized by the Department of Zoology, St. Xavier’s College (Autonomous), Palayamkottai - 627002, on 12th and 13th January 2023.
10. Participated in the international webinar on **“Multidisciplinary Approaches in Research for Sustainable Development”** organized by PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women, Periyakulam on 29.08.2024.
11. Participated in the National level Seminar on **“INTERDISCIPLINARY TRENDS IN LIFE SCIENCES”** organized by PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women, Periyakulam on 25.09.2024.
12. Participated in the international webinar on **“Recent Trends in Chemistry (RTC-1-7)”** organized by PG and Research Centre of Chemistry, Jayaraj Annapackiam College for Women, Periyakulam on 13th August, 2025.

WORKSHOP ATTENDED

1. Participated in the National level workshop on “**Research methodology Bootcamp-I**”, conducted by Xavier Institute of Business Administration, St. Xavier’s College (Autonomous), Palayamkottai, on 12th October 2019.
2. Participated in the Workshop on “**Tips and Techniques of Writing Various Parts of a Research Paper**” organized by Kaneko Library & IQAC, Soka Ikeda College of Arts and Science for women, Chennai, on 07.06.2021.
3. Participated in the International Online Workshop on “**Data Analysis using Excel and AI Tools**” from September 14.09.2024 to 16.09.2024, organized by Global Institute of Statistics Solutions (GISS).
4. Participated in the National level E - Workshop for faculty on “**How to improve Academic performance indicator (API) score**” organized by A.C.T Academy, Kerala. on 11.08.2025.
5. Participated in the two days’ Workshop on “**Advancing Holistic Excellence: Leadership in Whole Person Education**” organized by Internal Quality Assurance Cell, Jayaraj Annapackiam College for Women, Periyakulam, Funded by United Boar, held at Kodaikanal on 09th & 10th September, 2025.

FACULTY DEVELOPMENT PROGRAMME

1. Participated in the Faculty Development Programme on “**What, Why, and How of Patents**” Organized by Department of Biotechnology Under DBT Star College Scheme, V.V.Vanniaperumal College for Women (Autonomous), Virudhunagar on 14.02.2022.
2. Participated in the faculty development programme on “**Research metrics and the publication process in Scopus - indexed journals**” organized by Bonheure Centre for Research of St.Xavier’s College of Education (Autonomous), Palayamkottai on October 26, 2024.
3. Participated in the faculty development programme on “**Serene Minds, Successful Lives: The Key to Emotional Well - Being**” organized by the PG Research Department of Rehabilitation Science, Holy Cross College, Trichy, from 07.04.2025 to 11.04.2025.
4. Participated in the faculty development programme on “**Empowering Faculty Through Whole Person Education: Fostering Teaching Skills, Wellness and Women’s Leadership**” organized by St.Christopher College of Education at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam from 10.04.2025 to 12.04.2025.

5. Participated in the faculty development programme on **“Publish your Practice 2025”** organized by MCC Research Colloquium of Madras Christian College (Autonomous), Chennai from 22.04.2025 to 26.04.2025.
6. Participated in the faculty development programme on **“Binary Accreditation & Usage of AI”** organized by IQAC of St. Mary’s Centenary Degree College, Secunderabad, Telangana, from 2nd to 6th June 2025.
7. Participated in the International FDP on **“Harnessing Generative AI: Smart Tools for Teaching, Learning, Evaluation & Research”** organized by the Department of Computer Science, St. Joseph’s College (Autonomous), Trichy, from 7 -11 July 2025.
8. Participated in the five days national level FDP on **“Technology Driven Teaching Pedagogy”** organized by the Department of Computer Application, Bon Secours College for Women, (Autonomous), Thanjavur in collaboration with ACT Academy, Kerala, from 12.08.2025 to 16.08.2025.
9. Participated in the five days national level FDP on **“A Roadmap to ethical Governance and Excellence in Higher Education Institution”** organized by the PG and Research Department of Mathematics and Department of Computer Application, Jayaraj Annapackiam College for Women, Periyakulam in Collaboration with ACT Academy Tamil Nadu Unit, from 08.10.2025 to 12.10.2025.

SHORT TERM COURSE

1. Participated in the Indian Knowledge System Based National level five days short term course on **“Bhartiya Knowledge System: Concepts and Application”** organized by school of arts and Humanities, Kerala from 10.08.2025 to 14.08.2025.
2. Participated in the Indian Knowledge System Based ten days National level short term Training Programme (STTP) on **“Vedic Mathematics: Techniques and Application”** organized by PG and Research Department of Mathematics, Jayaraj Annapackiam College for Women, Periyakulam, from 04.08.2025 to 14.08.2025.
3. Participated in the seven days National level short term training programme on **“Reimagining Classrooms: Innovative Pedagogies for Engaged and Outcome- Based Learning”** held from 5th November 2025 to 12th November 2025, Organized by the PG Department of Computer Science, Jayaraj Annapackiam College for Women, Periyakulam, and Department of Computer Science, Teresian College, Mysuru.

RESOURCE PERSON AND EXAMINER

1. Served as a Jury member for the competition “**A CAPPELLA**” in JAC FEST – O – BEATS 2024 – 2025, organized by the Fine Arts of JAC on 6.12.2024 and 7.12.2024.
2. Served as a resource person in the internship training programme on “**Edible Mushroom Cultivation and Entrepreneurship Skills Development**” organized by PG and Research Centre of Zoology, Jayaraj Annapackiam College for Women, Periyakulam from 02.06.2025 to 07.06.2025.
3. Served as an External Examiner for the UG – Practical Examinations in the Department of **Health Care**, Jayaraj Annapackiam College for Women, Periyakulam on 16.10.2025.
4. Served as a resource person in the NSS Camp on the topic “**Mushroom Cultivation**” organized by the Unit 13 of NSS on 15.11.2025.
5. Served as a resource person in the NSS Camp on the topic “**Baking Cake**” organized by the Unit 13 of NSS on 15.11.2025.

OUTREACH PROGRAMMES ATTENDED

1. Participated in the International quiz programme on “**COVID-19 protection and prevention**” organized by Eco club, Arignar Anna Govt Arts and Science College Karaikal. U.T of Puducherry, India, on 10-02-2021.
2. Participated in the “**Corona Awareness E-quiz**”, 2021 organized by the Department of Business Administration, Manonmaniam Sundaranar University College, Sankarankovil.
3. Participated in the E- Quiz on entrepreneurship “**High flyers**” organized by Department of Business Administration St. Mary’s College (Autonomous) Thoothukudi, on 06-09-2021.
4. Participated in the National level “**Intellectual Property Awareness Mission (NIPAM)**” organized by St. Xavier’s College (Autonomous), Palayamkottai - 627002, on 28th October 2022.
5. Participated in the “**Campus Bird Count Jayaraj Annapackiam College for Women, Periyakulam**” organized by BIRD COUNT INDIA, Mittal Gala and Ashwin Viswanathan, Bird Count India on 14 – 17 February 2025.

DETAILS OF VARIOUS POSITIONS HELD AT COLLEGE

S.NO	YEAR	COMMITTEE	POSITION
1	2024-2025	Entrepreneurship Cell, Eco Club, Avian Club, IIC	Member
2	2025-2026	Entrepreneurship Cell	Institution Mentor
		Avian Club, IIC	Member