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**Academic Qualifications: M.Sc./M.Phil. /Ph.D.**

Degree	Name of the University/Board	Year of Passing	Subjects	% of Marks
Post doctoral fellow	Bharathiar University/UGC	December 2009-2012	Entomology- Malarial research	Completed
Ph.D.	Bharathiar University	September 2008	Zoology- Entomology	Highly commanded
M.Phil.	Bharathiar University	April 2004	Zoology- Entomology	56.33
MSc.,	Bharathiar University	April 1999	Zoology- Animal science	63.83

**Teaching Experience:16 years**

<b>Position</b>	<b>Institution &amp; Place</b>	<b>From</b>	<b>To</b>
Assistant Professor	Department of Microbiology Bharathidasan University Tiruchirappalli, Tamil Nadu	26/12/2012	Till Now
Guest lecturer and UGC PDF	Bharathiar University Coimbatore – 641 046 Tamil Nadu, India.	18/10/2008	25/12/2012

**Research Experience: 21 years****Additional Responsibilities:****Areas of Research:**

- Disease control and Entomology
- Nanotechnology
- Vector Biology

**Research Supervision/Guidance**

Program of study		Completed	Ongoing
Research	Ph.D.	-	3
	M.Phil.	6	-
Project	PG	30	-
	Others	7	-

**Publication:**

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/ Monographs/ Manuals
<b>1</b>	<b>25</b>	<b>7</b>	<b>17</b>	<b>2</b>

Cumulative Impact Factor (as per JCR):2.588

h-index : 3

i10 index : 2

Total citations : 46

**Funded Research Projects:**

**Completed Projects**

S.No.	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	DST-SERB	2013	2015	“Isolation, Identification of Genetic Diversity and Green Synthesis of Silver Nanoparticles along with Botanical and Microbial insecticide for the control of Mosquito vectors at Tamil Nadu, India (Insecta:Diptera: Culicidae)”	12,00,000/-
2)	DST- SERB	2014	2018	“Chemo-profiling, functional characterization and novel synthesis of Cyclopentyl bis-indole alkaloids as novel antimalarial, anti-leishmanial and mosquitocidal agents”.	31,20,000
2	Rashtriya Uchchatar Shiksha Abhiyan (RUSA 2.0) Department of	2021	2023	“Formulation of zinc and silver nano particles from medicinal plants against Aedes aegypti and evaluating	

	<b>Higher Education, Ministry of Education (GoI)</b>			<b>its efficacy using Rabbit as an animal model.”</b>	
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### **Ongoing Projects**

<b>S.No.</b>	<b>Agency</b>	<b>Period</b>		<b>Project Title</b>	<b>Budget (Rs. In lakhs)</b>
		<b>From</b>	<b>To</b>		

### **Consultancy Projects**

<b>S.No.</b>	<b>Agency</b>	<b>Period</b>		<b>Project Title</b>	<b>Budget (Rs. In lakhs)</b>
		<b>From</b>	<b>To</b>		

### **Others**

**Note: Budget must be rounded to two decimal places.**

#### **Patents:**

#### **Distinctive Achievements/Awards**

December, 2008 :TDR-WHO Scholarship at CRME, Madurai.

February, 2010 :Best poster award – International

Conference on Climate change and  
Bioresource at Department of  
Biotechnology, Bharathidasan University,  
Tiruchirappalli, Tamil Nadu, India.

CSIR Travel grant award : IX<sup>th</sup> European congress of Entomology,  
Budapest, Hungary, Europe congress center.

#### **Event organized in leading roles**

- Served as an organizing secretary in “National conference on Microbial Research in Human Welfare” February 27-28, 2015.
- Served as an organizing secretary in“National Seminar on Human, Animal, Plants – Vector Borne Diseases and their control.” September 25<sup>th</sup>, 2024.

## **Event Participated (optional)**

### **Conferences / Seminars / Workshops: 40**

1. National Symposium on “Biological control of Insects in Agricultural, Forestry, Medicine and Veterinary Sciences” held on 21-22 January 1999 at Bharathiar University, Coimbatore - 641 046.
2. Participated on “Environmental Status of rivers in Tamil Nadu” held on 26-27 March 1999 at Bharathiar University, Coimbatore - 641 046.
3. Participated on “Genetics, health and Disease” held on 6th March 2000 at Bharathiar University, Coimbatore - 641 046.
4. Participated on National symposium on “Microbials in Insect pest management” held on 24-26 February 2000 at Entomological Research Institute Loyola College, Chennai - 600 003.
5. National Symposium on “Male Reproduction” held on 10-12th November 2000 at Bharathiar University, Coimbatore - 641 046.
6. National Conference on “Recent Trends in Insect Control” held on January 22-24, 2003 at Bharathiar University, Coimbatore - 641 046.
7. Participated in the symposium on Tsunami “Bio-Geo informatics 2005” held on February 28 - March 1, 2005 at Department of Zoology, Loyola College, Chennai - 600 034.
8. Participated on “One day National Level symposium on Bioinformatics MOTIF-05” Organized by Department of Bio-Informatics, Bharathiar University, Coimbatore- 641 046 on 6.10.2005.
9. Attended and presented a paper in “National Conference on Biodiversity” held at Loyola College, Chennai from 30.01.2006 to 31.01.2006.
10. Attended and presented a paper the “International Conference on Biodiversity of Insects: Challenging issues in Management and Conservation” organized by Department of Zoology, Bharathiar University, Coimbatore - 641 046 from 31.01.2006 to 03.01.2006.
11. Attended “State level seminar on “New thrust in Biosciences” organized by Vivekananda College of Arts and Science for Women, Tiruchengode - 637 205 from 18th August 2006.
12. Attended and presented a paper the “8th International conference symposium on vector and vector borne diseases” organized by Center for research in Medical

Entomology, Indian council of medical research at Madurai from 13 to 15th October, 2006.

13. Attended and Oral presented a paper in the “International world Neem conference” organized by Neem foundation at Residency hotel, Coimbatore, India from 21st to 24th November, 2007.
14. Participated a “National Seminar on Biodiversity – Status, Conservation and management” Organized by PG and Research Department of Botany, Kongunadu Arts and Science College, Coimbatore – 29. From 12th to 13 th September, 2008.
15. Attended and Oral Presented a paper in the “National Symposium on Herbal Drug Research” organized by department of zoology, Bharathiar university, Coimbatore- 46. From 25th to 26 September, 2008.
16. Attended and Oral presented a paper in the “National Seminar on Recent trends in Aquaculture Practices – Towards Technological Empowerment of Aquaculture farmers” Organized by Department of Zoology, Bharathiar University, Coimbatore, India from 7th to 8 th August, 2008.
17. Participated on “National seminar on man and microbes” organized by Department of Microbial biotechnology, School of Biotechnology & Genetic Engineering, Bharathiar University, Coimbatore, India from 27th January, 2009.
18. Attended and Oral presented a paper in the “International congress of global warning on biodiversity of insects: management and conservation” Organized by Department of Zoology, Bharathiar University, Coimbatore, India from 9th to 12th February, 2009.
19. Attended and Oral presented a paper in the “National seminar on recent trends in the conservation and utilization of underutilized wild edible plants” Organized by Department of Botany, school of Life sciences, Bharathiar University, Coimbatore, India from 20 th to 21st March, 2009.
20. Attended and Poster presented a paper in the “X thInternational symposium on vectors and vector borne diseases Organized by Goa University and National Institute of Malaria Research, Goa, India from 4 th to 6 th November, 2009.
21. Participated on “XVI Annual Convention of Indian Society for Veterinary and Immunological Interventions in Mitigation of Climate Changes on Production and Protection of Livestock and Poultry” organized by Department of Veterinary Microbiology, Veterinary College and Research Institute, Namakkal, India from 8 th to 10 th April 2010.

22. Attended and Poster Presented a paper in the “2 nd Indian Youth Science Congress” organized by SRM University, Chennai from 26th to 28th June, 2010.
23. International Conference on Climate change and Bioresource Organized by Department of Biotechnology, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India from 9 th to 12 th February, 2010. Pp.170.
24. International Symposium on Recent advances in Ecology and Management of vectors and Vector borne Diseases Organized by Defence Research and Development Establishment (DRDE), DRDO, Ministry of Defense, Jhansi Road, Gwalior, MP, India, December, 2010. Pp. 114.
25. Participated and presented a paper in 104 th Indian Science Congress. Held at S.V. University, Tirupati during 3rd to 7th January, 2017. Participated and presented a paper in 13th conference on vectors and vector-borne diseases at CUTN and NAVBD.in Central University of Tamil Nadu, Thiruvavur. during February 27th to 1st March, 2017.
26. Participated and presented a paper in “4 th International Young Scientist Congress (IYSC 2018)” at Rashtriya Samskrita Vidhyapeeth University, Tirupathi, Organized by International Science Community Association during 8th - 9 th May 2018.
27. Participated and presented a paper in “International conference on Microbiological Research current challenges and future perspectives (ICMR: CCFP-2024) at Bharathidasan University, Tiruchirappalli-620 024. From 9<sup>th</sup> to 11<sup>th</sup> Jan 2024.
28. Organized National seminar on Human, Animal, Plants – Vector Borne Diseases and their control jointly with biological sciences RUSA 2.0. Department of Microbiology, Bharathidasan University, Tiruchirappalli during 25<sup>th</sup> September, 2024.
29. Attended a Workshop on “Environmental Awareness on Quality management of irrigation water” organized by the Department of Environmental Sciences, Bharathiar University, Coimbatore - 641 046. From 17th -18 th, February 2000.
30. Attended a workshop on “Restoration of Noyyal River Basin” Organized by the Department of Environmental Sciences, Bharathiar University, Coimbatore - 641046. on 28th March 2005.
31. Acted as a resource person in the “Job Training Program in Cytogenetic Techniques” organized by Division of Human Genetics, Department of Zoology, Bharathiar University, Coimbatore-641 046 from 15-05-2006 to 24- 05-2006.
32. Attended the “5 th workshop on Science Writing/Journalism” jointly organized by national council for Science and Technology Communication (NCSTC) Govt. Of

India, New Delhi, Science City, Govt. of Tamil Nadu, M.T.S. Academy, Chennai and Bharathiar University, Coimbatore from 21.06.2006 to 25.06.2006.

33. Attended the Workshop “The potential role for botanical and microbial control of malarial vector, *Anopheles stephensi* in sustainable management: A Nanobiotechnology approach” organized by department of biotechnology, Sathyabama university, Chennai – 19, India. From 14th to 16th February, 2008.
34. Attended the Workshop “Freshwater Fish Culture Using Bioencapsulated Live Feeds towards Technological Empowerment of Fishermen and Self-help Groups” organized by Department of Zoology, Bharathiar University, Coimbatore – 46, India. From 18th to 20th August, 2010.
35. Participated in an ICAR sponsored National Workshop on Nanoscience and Nanotechnology (NWNSNT – 2016) in Centre for Nanoscience and Technology Pondicherry University, Pondicherry from March 3 to 5 2016.
36. Participated in one day workshop on “Nanotechnology in agriculture: A focus on insects and insect resources” at ICAR-National Bureau of Agricultural Insect Resources, Bangalore, March, 19th, 2016.
37. Participated in 21 days workshop on “Advances in Functional Genomics and Proteomics for Farm Animal Biology, on Advances in Functional Genomics and Proteomics for Farm Animal Biology” held at ICAR-National Dairy Research Institute, Karnal, Haryana during 1 st to 21st July, 2016.
38. Participated in a workshop on “Library Technologies for Teaching, Learning and Research” held at Department of Library and Information Science, Bharathidasan University, Tiruchirappalli during 12th August, 2016.
39. Participated in a workshop on Microalgal and Cyanobacterial Biotechnology at Department of Biotechnology, Bharathidasan University, Tiruchirappalli during 29th to 31st August, 2016.
40. Participated in Two Days Workshop on “Catalysis in Organic Transformations” at Department of Chemistry, Bharathidasan University, Tiruchirappalli during 20-21, Oct, 2016.
41. Participated in 4th International Young Scientist Congress (IYSC 2018) on “Workshop on Vedic Science” organized by International Science Community Association at RashtriyaSamskritaVidhyapeeth University, Tirupathi during 8th – 9 th May 2018.



42. Participated in a two-day Workshop on “Big Data, Research Data & Libraries” held at Department of Library and Information Science, Bharathidasan University, Tiruchirappalli during 23rd to 24th March, 2018.

#### **Other Training Programs:**

1. Attended a training course on “Leadership training camp” held at Divyodaya Inter religions Centre in Coimbatore - 641 018 from Feb. 1st to Feb. 15th 1997.
2. Attended a training course on “General Information course certificate” on scouting held at Sri Ramakrishna Mission Vidyalaya College of Education in Coimbatore from 24.1.1997 to 27.1.1997.
3. Attended a training course on “Diploma in Cultural Heritage of India” with special reference to the teachers of Sri Ramakrishna and Swamy Vivekananda held at SRKV College of Education in Coimbatore - 641 012.
4. Attended a training course on “Instrumentation methods and chemical analysis” held at Institute of Forest Genetics and Tree Breeding, Forest College Campus, R.S.Puram ,Coimbatore-641 002. from Sep. 27th to 28th 2010.
5. Participation in “95th Orientation program” sponsored by UGC-HRDC /ASC, Bharathidasan University, Trichy-620 023 held from 20-05-2016 to 16-06-2016.

#### **Overseas Exposure/ Visits:**

1. USA.

#### **Membership in**

#### **Professional Bodies**

1. Member, Indian Youth Science Congress Association, Calcutta.
2. Life Member, National Academy of Vector Borne Diseases, Bhubaneswar.
3. Life Member, Indian science congress association, Calcutta.
4. Member, Association of microbiologists of India, AMI, Coimbatore Unit.
5. Life member, Indian Society for Veterinary Immunology and Biotechnology, Chennai Unit.
6. Member, Entomological Society of America (ESA), USA.
7. ISCA LIFE MEMBER.

#### **Editorial Board**

1. Nominated as one of the reviewers in “Toxicological Reports Journal”, Elsevier.

#### **Advisory Board**

#### **Academic Bodies (such as Board of studies etc.,)**

**Others:**

**Resource persons in various capacities:**

1. Participated as a speaker in 105<sup>th</sup> Indian Science Congress at Manipur Central University, Imphal from 16 – 20<sup>th</sup> March, 2018.

**Others:**

S.No.	PROJECT	NAME	FROM	TO	TOPIC
1)	DST- SERB	Dr. C. Kuppusamy	2014	2018	“Chemo-profiling, functional characterization and novel synthesis of Cyclopentyl bis-indole alkaloids as novel antimalarial, anti-leishmanial and mosquitocidal agents”.

**M.Phil. Microbiology Research Supervision:**

S.NO.	PROGRAM OF STUDY	NAME	YEAR	TOPIC
1)	M.Phil., Microbiology	S. Sheela	2014	“Larvicidal potential of synthesized silver nanoparticles from Ethanolic Leaf Extract of <i>Cardiospermum halicacabum</i> and <i>Pseudomonas sp</i> against Malarial vector.”
2)	M.Phil., Microbiology	Thamarai Selvi Rama	2015	“Larvicidal Activity of Green synthesised silver nanoparticles using <i>Sargassum wight II</i> and <i>Bacillus sp</i> , against <i>Culex quinquefasciatus</i> ”

**MSc., Microbiology Project Guidance (DISSERTATION):**

S.NO.	PROGRAM OF STUDY	NAME	YEAR	TOPIC
1)	MSc., Microbiology	P. Sangeetha	2014	“Effect of Bacterial pathogen,

				Pseudomonas sp on the Larvicidal, Pupicidal and development of Malarial Vector, Anopheles stephensi (Insecta: Diptera: Culicidae).
2)	MSc., Microbiology	K. Elakkiya	2015	“Isolation and biochemical characterization of <i>Rhizobium sp.</i> From root nodules of <i>Arachis hypogaea.</i> ”
3)	MSc., Microbiology	J. Suganthi	2015	“Characterization and optimization process of <i>Rhizobium sp</i> isolated from soil sample.
4)	MSc., Microbiology	M. Yamuna	2016	“Studies on the role of Microbiota in normal development of mosquitoes.”
5)	MSc., Microbiology	B. Revethy	2016	“Mosquito Larvicidal Activity of Bacterial isolates collected from soil habitats.”
6)	MSc., Microbiology	A.M.Rajhaviknesh	2017	“A war against Cancer: Chemoprevention and Anticancer activities of “Dual organisms” <i>Paramotremaperlatum</i> an edible vaccine.
7)	MSc., Microbiology	V. Priya	2018	“Effect of vermi compost and Bioinoculanta on the growth and flowering yield of Marigold ( <i>Tagetes erecta</i> ).”
8)	MSc., Microbiology	M. Azhagu Rani	2018	“Dynamics of transferrin 2 (TS+2) expression in various developmental stages of <i>Culex quinquefasciatus</i> ”
9)	MSc., Microbiology	S. Keerthika	2018	“Studies on synergistic effect of PGPR AM Fungi consortia on the growth and yield of Black gram ( <i>Vigna mungo. L.</i>
10)	MSc., Microbiology	K. Rajalakshmi	2020	“Evaluation of Antibacterial activity of <i>Punica granatum</i> against <i>Staphylococcus aureus</i> and <i>Enterobacter sp.</i> ”

11)	MSc., Microbiology	S. Dhivya	2020	“Antibacterial Activity of Lawsonia inermis against Bacterial pathogens.”
12)	MSc., Microbiology	S. Mohan raj	2020	“Green synthesis of silver nanoparticles from MurrayaKoenigii and its Antibacterial activity.”
13)	MSc., Microbiology	E.M. Shime Shamyuktha	2021	“Screening of probiotic from fermented milk products”
14)	MSc., Microbiology	R. Malavika	2021	“Antibacterial activity of spices extracts against UTI Pathogen.”
15)	MSc., Microbiology	P. Mutharasi	2021	“Cytotoxic effect on Magnetic iron oxide Nanoparticles on cancer cell lines.”
16)	MSc., Microbiology	K. Santhiya	2021	“Green synthesis of silver Nanoparticles from <i>Cassia Fistula</i> leaf extract and its Antimicrobial Activity.
17)	MSc., Microbiology	K. Kanimozhi	2022	“Evaluation of Entopathogenic <i>Bacillus sphaericus</i> Isolated from soil Antimicrobial Activity for <i>Vitex negundo L</i> Plant Extract.
18)	MSc., Microbiology	P. Preetha	2022	“Identification of phytochemicals in <i>Vitex negundo</i> plant extract and Larvicidal Activity against <i>Aedes aegypti</i> ”
19)	MSc., Microbiology	R. Prabha Nandhini	2022	“Green synthesis of silver nanoparticles in <i>Vitex Negundo</i> plant extract Antimicrobial Activity on Larvicidal Activity against <i>Aedes aegypti</i> .”
20)	MSc., Microbiology	M. Kokila	2023	“Anti-Dengue Repellent formulation from the compound of <i>Vitex Negundo</i> leaf.”
21)	MSc., Microbiology	V. Keshava Moorthi	2023	“Isolation and characterization pf <i>Paenibacillusdendritiformis</i> novelty Reported.”

22)	MSc., Microbiology	A. Sandhiya	2023	“Green synthesis of silver nanoparticles in caryophyllene compound against <i>Aedes aegypti</i> .”
23)	MSc., Microbiology	G. Dharshini	2024	“Exploring Entomopathogenic fungi from <i>Musca domestica</i> Isolation, Enzymatic screening and Biocontrol potential in Agriculture.”
24)	MSc., Microbiology	S. Selva Murugan	2024	“Investigating the Antibacterial and Larvicidal potential of <i>Mucor sp</i> and its derived Gelatin Nanoparticles.”
25)	MSc., Microbiology	D. Gayathri	2024	“Green synthesized silver Nanoparticles and caryophyllene compound in cream formulation against Dengue-including Antibacterial and Pharmacological studies.”
26)	MSc., Microbiology	V. Subha	2024	“Isolation and characterization of Larvicidal potential Bacillus sp from soil against Larvae of <i>Aedes aegypti</i> , <i>Culex quinquefasciatus</i> , <i>Anopheles stephensi</i> .”

#### **MSc., Life science Project Guidance (DISSERTATION):**

S.NO.	PROGRAM OF STUDY	NAME	YEAR	TOPIC
1)	MSc., Life Science	J. Maria Clara	2015	“Fosfomycin resistance among carbopenemase producing Enterobacteriaceae.”
2)	MSc., Life Science	A.J. Usha	2018	“Designing, Fabricating and Evaluation of the cow dung filled Hybrid Microbial Fuel cell (H-MFC) using Bio cathode:A Pilot study.”
3)	MSc., Life Science	V. Nandhini	2021	“Biological control of Plant Diseases in selectable Economical valuable

				plants.”
4)	MSc., Life Science	P. Gopinath	2024	“Evaluation of Influenza virus binding to liposomes.”
5)	MSc., Life Science	D. Ramsanjai	2024	“Starter culture Development for Sour dough Fermentation.”

#### **MSc., Microbiology project guidance (Self-Study)**

<b>S.NO.</b>	<b>PROGRAM OF STUDY</b>	<b>NAME</b>	<b>YEAR</b>	<b>TOPIC</b>
1)	MSc., Microbiology	Aswanikasharma	2013	Synthesis of silver nanoparticles from Andrographis paniculata Plant extract for Antimicrobial Activity.
2)	MSc., Microbiology	J. Suganthi	2014	Bioremediation of oil contamination sites.
3)	MSc., Microbiology	K. Elakkiya	2014	Rhizobium Leguminous Plant and Microbial Interaction.
4)	MSc., Microbiology	B. Revathy	2016	Bacillus sphaericus Toxins; Properties, Molecular Biology and their Mode of Action against Mosquito Vectors.
5)	MSc., Microbiology	A. Jayalakshmi	2016	Synergistic and individual efficacy of certain Plant extracts against Dengue Vector Mosquito Aedes aegypti.
6)	MSc., Microbiology	M. Yamuna	2016	Synergistic and individual efficacy of certain plant extracts against Dengue Vector Mosquito, Aedes

				aegypti.
7)	MSc., Microbiology	R. Mayavati	2017	Molecular approach on Aedes aegypti to control Dengue Virus.
8)	MSc., Microbiology	B. Anitha	2017	Prevalence, Emergence of Human vector diseases in tropical areas.
9)	MSc., Microbiology	S. Saravana Kumar	2017	<i>Plasmodium falciparum</i> a Malarial Parasites: A Proteomic analysis towards Drug Discovery.
10)	MSc., Microbiology	A.M. Rajhaviknesh	2017	An effective approach of integrated vector management (IVM) in control of chikungunya and Dengue Vectors.
11)	MSc., Microbiology	S. Keerthana	2018	Effect of PGPR and AM Fungi consortia on Plant Growth.
12)	MSc., Microbiology	M. Azhagu Rani	2018	Molecular Approach's for understanding Dengue: Insight from the virus vector and Host.
13)	MSc., Microbiology	V. Priya	2018	Vermiculture for organic Horticulture; Producing chemical free, Nutritive and Health Productive foods by earth worms.
14)	MSc., Microbiology	K. Rajalakshmi	2020	Pomegranate: Phytochemicals and their biomedical applications: A Brief outline.
15)	MSc., Microbiology	S. Mohanraj	2020	Review on silver Nanoparticles from Biological sources and their Biomedical

				Applications.
16)	MSc., Microbiology	S.Nivetha	2020	Pigments separation from the microbes isolated from the rhizosphere of various medicinal plants.
17)	MSc., Microbiology	K. Santhiya	2021	Phytochemical and Pharmacological studies on <i>Cassia fistula</i> .
18)	MSc., Microbiology	R. Malavika	2021	Natural therapeutics for UTI.
19)	MSc., Microbiology	E.M. Shime shamyuktha	2021	<i>Lactobacillus sp</i> as a probiotic agent.
20)	MSc., Microbiology	P. Mutharasi	2021	Magnetic Iron oxide Nanoparticles and its applications.
21)	MSc., Microbiology	P.Preetha	2022	Prevalence and emergence of <i>Aedes aegypti</i> vector disease in tropical area.
22)	MSc., Microbiology	R. Prabha Nandhini	2022	Global Impact and epidemiology of vector borne diseases.
23)	MSc., Microbiology	K. Kanimozhi	2022	Molecular Approach on <i>Anopheles</i> Mosquito to control Malarial vector.
24)	MSc., Microbiology	A. Sandhiya	2023	Enumerate the green synthesis of silver nanoparticles in Dengue Vector.
25)	MSc., Microbiology	V. Keshava Moorthi	2023	<i>Bacillus spin</i> Dengue Vector control studies.
26)	MSc., Microbiology	M. Kokila	2023	Elaborate the compound are act in <i>Aedes Aegypti</i> (Dengue Fever).
27)	MSc., Microbiology	G. Dharshini	2024	Role of entomopathogenic



				fungi in Agri
28)	MSc., Microbiology	S. Selva Murugan	2024	Utilizing fungi for effective mosquito control strategies and applications.
29)	MSc., Microbiology	D. Gayathri	2024	Bioactive compounds and protein interaction in the context of dengue virus infection.
30)	MSc., Microbiology	V. Subha	2024	Microbial agents for mosquito Larvae control from soil derived organisms.

**MSc., Life science Project Guidance (DISSERTATION):**

S.NO.	PROGRAM OF STUDY	NAME	YEAR	TOPIC
1)	MSc., Life science	P. Karthika	2023	Antibiotic resistance Profiling of Marine Bacteria isolated from recreational Beaches in GOA.
2)	MSc., Life science	V. Akshaya	2023	Exogenous Quercetin enhances Salt tolerance in soybean (Glycin Max (L.) Merrill) CV.JS 335; An In vitro and In silico Approach.

**Recent Publications:**

1. Rajha Vignesh KM, Thiagarajan P, Rubalakshmi G, (2017), Nirubama Evaluation of Phytochemical Analysis and Antithrombolytic Activities of “Dual Organisms Lichens” – Parmotrema perlatum, Indian Journal of Natural Sciences, 7 (42), 12285-12293.
2. Thiagarajan P, Kumar P, Kovendan K, Murugan K, (2014), Effect of medicinal plant and microbial insecticides for the sustainable mosquito vector control. Acta Biologica Indica 3 (1), 527-535.

3. Thiagarajan P, Kumar PM, Murugan K, Kovendan K, (2014), Mosquito larvicidal, pupicidal and field evaluation of microbial insecticide, *Verticillium lecanii* against the malarial vector, *Anopheles stephensi*. *Acta Biologica Indica* 3 (1), 541-548.
4. Kovendan K, Murugan K, Kumar PM, Thiagarajan P, William SJ, (2013), Ovicidal, repellent, adulticidal and field evaluations of plant extract against dengue, malaria and filarial vectors. *Parasitology research* 112 (3), 1205-1219. (Impact Factor: 2.588).
5. Kovendan K, Murugan K, Thiagarajan P, Naresh Kumar AD, Asaikkutti A, (2009), Impact of climate change on the filarial vector, *Culex quinquefasciatus* Say (Diptera: Culicidae). *International congress of global warming on biodiversity of insects: management and conservation*, Vol. 62.
6. P. Thiagarajan, Balasubramanian Swathi (2022), Green Synthesis of Silver Nanoparticles in Medicinal plant of *Vitex negundo* Linn. Extract of Antimicrobial Activity and Larvicidal Activity against the Dengue Vector *Aedes aegypti*, *Acta Biologica Indica* 11(2):16-29.
7. Balasubramanian Swathi, Raja Karukuvel Raja, Johnbosco Cyril Amburose, and Thiagarajan Perumal (2022), Evaluation of mosquito larvicidal potential of *Vitex negundo* leaves Extract, *Acta Biologica Indica* 11(2):30-42.
8. P. Thiagarajan and Balasubramanian Swathi (2022), The orthosiphon *Thymiflorus* (roth) Sleensen var *tomentosus* (Hook.F) Sleensen Extract Effects on Larvicidal, Pupicidal, repellency and smoke toxicity of malarial vector, *Anopheles stephensi* (Insecta: Diptera: Culicidae), *Acta Biologica Indica* 11(2): 1-15.