

CURRICULUM VITAE

V.SELVI

Personal details



Name : Dr.V.Selvi

Educational Qualification : M.Sc., M.Phil., Ph.D., PGDCA.,

Husband name : P.John paul raj

Date of birth : 13.06.1982

Nationality : Indian

Religion : Christian

Community : Backward Class

Sub caste : Nadar

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Vasantha nagar,
Madurai – 625 003.

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Educational details

Degree	Institution/University	Year of Passing	Class/Grade
B.Sc., (Zoology)	Fatima College (Madurai Kamaraj University)	2002	First Class With Distinction.
M.Sc., (Zoology)	Annamalai University	2004	First Class.
M.Phil., (Zoology)	Presidency College (Madras University)	2009	‘O’ Grade.
Ph.D., (Zoology)	Madurai Kamaraj University.	Thesis Submitted & Evaluated	Viva-Voce Dated 10.05.2018
PGDCA	Madurai Kamaraj University.	2017-2018	Fist Class

Working Experience

- Worked as a Teaching Assistant in Department of Zoology, **Thiagarajar College, Madurai (June 2010- April 2012).**
 - **Subjects Handled:** Fermentation Technology, Sericulture, Agriculture Microbiology, Microbial Physiology, Clinical Chemistry, Human Physiology and Biotechnology.
- Worked as a Substitute Lecturer in Zoology Department at **M.S.S. Wakf Board College, Madurai (December 2009 - April 2010).**
- Worked as a Management Staff (Lecturer in Zoology) at **M.S.S.Wakf Board College, Madurai (June 2015 – February 2018).**
 - **Subjects Handled:** Chordates, Cell Biology, Entomology, Biochemistry, Ecology, Biostatistics and Applied Biology.
- Working as a Assistant Professor (Department of Microbiology) at Sourashtra College, Madurai (**June 2019 –Till date**)
 - **Subjects Handled:** General Microbiology, Microbial Physiology and Taxonomy, Molecular Microbiology, Microbial Genetics, Food and Industrial Microbiology, Computer Application in Biology and Bioinformatics.

Research Experience

- **One year in M.Phil.,** Project Work – Bioinformatics.
- **Ph.D** Thesis submitted. Project Title – “Studies on the Biopotential of Marine Seaweeds of Gulf of Mannar”.
- **Guided B.Sc students** project Work.

- (2010-2011 Batch) - Title: “Study on antibacterial activity by seaweed extracts against target organisms”.
- (2010-2011 Batch) - Title: “Antibacterial and larvicidal potential of seaweeds collected from southeast coast regions of Tamil Nadu”.
- (2011-2012 Batch) - Title: “Study on antibacterial activity of selected marine seaweed extracts against fish pathogens”.
- **Guided M.Sc students** project Work.
 - (2011-2012 Batch) - Title: “Study on antibacterial and mosquito larvicidal activity of seaweeds”.

Technical Skills

- Diploma in Computer Application.
- Diploma in Computer Programming.
- Diploma in desktop publishing.
- Diploma in Bioinformatics.
- PGDCA

Paper Publications

- **Published a paper of Innovare Journal of Ayurvedic Sciences** on the topic “Study on phytochemical and antimicrobial activity of some selected marine seaweeds against human and fish pathogens”. Vol 2: Issue 1.2014: ISSN 2321-6824.
- **Published a paper of Innovare Journal of Ayurvedic Sciences** on the topic “Climate changes and its impact on fish with reference to antibiotic resistant enteric bacteria and heavy metal accumulation: a human health”. Vol 1: Issue 1.2013: ISSN 22-26.

- **Published a paper** of International Journal Of Zoology and Applied Biosciences on the topic “Biopotential of selected macroalgae from kilakarai coastal region in gulf of mannar, Tamil nadu, India” Volume 3, Issue 2, pp: 194-198, 2018.
- **Published a paper** of International Journal of Sciences & Applied Research on the topic “Efficacy of *Aedes aegypti* and *Culex quinquefasciatus* against *Sargassum wightii* and *Ulva fasciata*” Volume 5(9), 2018; 16-26.
- **Published a paper** of International Journal of basic and Applied Research on the topic “Comparative studies on heavy metal analysis of Kollidam estuary water and fish tissue” ISSN 2249-3352 (P) 2278-0505 (E).
- **Published a paper** of International Journal of Environmental Contaminant Reviews (ECR) on the topic “Comprehensive analysis on the physical, chemical, nutrient, heavy metal and microbiological parameters at selected stations of Buckingham canal, Chennai, Tamil nadu, India” ISSN 2637-0778.
- **Published a paper** of Research Journal of Pharmacy and Technology on the topic “Antibacterial activity of seaweed extract against bacterial strains of human and fish” Vol: 16, Issue: 11.
- **Published a paper** of Indian Journal of Entomology on the topic “Toxicity of *Sargassum wightii* to the malaria vector *Anopheles stephensi* Liston (Diptera : Culicidae) Ref. No 23869.
- **Published a paper** of Indian Journal of Entomology on the topic “Toxicity of *Sargassum wightii* to the malaria vector *Anopheles stephensi* Liston (Diptera : Culicidae) Ref. No 23869.
- **Published a paper** of centre for Advanced research inn Agricultural Sciences “Invitro Antitumour activity of *Sargassum wightii* Greville (Sargassaceae) Chloroporm extract against human cancer cells” ISSN : 0976-1675.
- **Published a paper** of Advances in Zoology and Botany on the topic “Toxic effect of Green seaweeds on the larval Instars of vector Mosquitoes” ISSN-2331-5091.

- **Published a paper** of Research Journal of Pharmacy and Technology on the topic “Antibacterial activity of seaweed extracts against human pathogenic bacteria” 0974-3618.

FELLOWSHIP / MEMBERSHIP/AWARDS

- **Fellow in Bose Science Society**
- **Member in Bose Science Society**
- **Best Faculty Excellence award – 2021 by Global Multidisciplinary Research and Foundation**
- **Young Scientist Award -2022 by Bose Science Society**

RESOURCE PERSON

- Invited as a **RESOURCE PERSON** and delivered a talk on “Biodiversity of Marine Algae in Gulf of Mannar” in the Botany Association Meeting organized by the Department of Botany, M.S.S.Wakf Board College, Madurai on 17th March 2022.

Seminars and Workshops Attended/ Organized

- **Participated** in the **Workshop** on “Environmental Pollution People & Law” held on 21st June 2001 Organized by Department of Zoology, Fatima College, Madurai.
- **Participated** in the **Intercollegiate Green Wave Celebrations** on Biodiversity – Conservation and Management held on 13th & 14th August 2010, Organized by Lady Dock College, Madurai.
- Participated and **presented a poster** (Global Warming) – in the **International conference** on “The key role of life sciences for sustainable development in the world” Organized by the department of Life Science, Hindustan College of Arts and Science, Chennai held on 30th & 31st August 2010.

- **Participated** in the 9th **National conference** of Indian Association of Applied Microbiologists on the topic “Current trends in Microbial Technology” Organized by the Department of Microbiology, Periyar University, Salem-11 held during 14th & 15th October 2011.
- **Participated** in the **National level Workshop** on “Biological Data mining in Clinical Research” Organized by the Department of Biotechnology, Lady Dock College, Madurai held from December 1st to 3rd 2011.
- **Participated** in the **Intercollegiate Seminar** “Exploring Bio entrepreneurial Skills” held on 12th December 2011 Organized by Department of Zoology, Fatima College, Madurai.
- Participated and **Presented a paper** (Antibacterial activity against fish pathogens using marine seaweeds) – RAIL-2011 **UGC sponsored National seminar** on “Recent Advances in Life Sciences” 28th & 29th December 2011, Organized by the Department of Zoology, H.H. The Rajah’s College, Pudukkottai -01.
- **Participated** in the one day **Workshop on “Research Philosophies and Methods”** held on 12th January 2012, Organized by Department of Zoology, Thiyagarajar College, Madurai.
- Participated and **Presented a paper** (Antibacterial activity of selected seaweeds collected from Gulf of Mannar of southeast coast of India) **National conference** on “Marine environmental changes and coastal zone management strategy” – Marina ’12 held between 13th & 14th February-2012, Organized by the Department of Marine Science, Bharathidasan University, Trichy-24.
- Participated and **Presented a paper** (Activities achieved by extracts of seaweeds from Gulf Of Mannar) – Energy Fest ’14 **Seminar** on “Advanced Technologies And

Innovations In Energy And Environment” Organized by Madurai Kamaraj University, School of Energy, Environment and Natural Resources on 28th March 2014.

- Participated and **Presented a poster** “Antifungal potential of selected marine seaweed extracts” in the **National seminar** on “emerging trends in biological research) held between 16th & 17th September -2014, Organized by the Department of PG & Research, Department of Zoology & Biotechnology, Lady Dock College, Madurai.
- **Presented a paper** in the “**National Symposium** on Biodiversity” held from 18 to 20th February 2015 by the Department of Zoology, Thiruvalluvar University, Vellore.
- **Presented a paper** “Treatment off poultry slaughter house waste water by column filter and microbes ” in the **National Conference** on “Water Sanitation and Hygiene WASH - 2015 ” held 20th and 21st February 2015, Organized by the Department of Zoology, E.M.G.Yadava Women’s College, Madurai.
- **Participated** in Human Rights Training for Woman Students held at Arul Anandar College, Madurai 4th & 5th December 2015 Organized by the institute of Human Rights Education of Peoples Watch.
- **Presented a paper** “Marine Algae Mediated Green Chemical Production of Silver Nano Particles and its Antifungal Activity Against Clinical Pathogens” at **International satellite symposium** on Emerging Trends in Nanotechnology at Thassim Beevi Abdul Kader College for Women, Kilakarai on 17th &18th December 2015.
- **Participated** in “Role of Students today in protecting and promoting Human Rights in Tamil Nadu” Organized by PEOPLE’S WATCH on 18th December 2015 at Tamil Nadu Theological Seminary, Madurai.

- **Presented poster** in “Novel biosynthesis of silver Nano particles from marine seaweed *Sargassum wightii* from Gulf of Manner” in **International Conference** on Recent Trends in Biological Sciences at Hajee Karutha Rowther Howdia College Uthamapalayam on 25th January 2016.
- **Participated** in the Training program on “Vermitechnology based Agricultural waste management” by the Department of Soils and Environment, Agricultural College and Research Institute, Madurai on 27th July 2016.
- **Presented a paper** “Antibacterial potential of macroalgae collected from Gulf of Mannar, India” in the National conference on New Frontiers and Innovative Trends in Biosciences organized by the P.G & Research Department Microbiology, Biotechnology & Biochemistry, J.J.College of Arts and Science, Pudukkottai, held on 2nd & 3rd September 2016.
- **Presented a paper** “Bioactive compounds from *Caulerpa racemosa* as a potent larvicidal and antibacterial agent” in the International Symposium held from 28-30th September 2016 Organized by the Department of Zoology, Thiruvalluvar University.
- **Presented a paper Participated** in the National level **Workshop** on “Genomic Analysis and Protein Designing using internet Tools” organized by the Post Graduate and Research Department of Zoology, Vivekananda College on 6th October 2016.
- **Participated** in the **National Seminar** on Recent Trends in Ecotoxicological Research conducted by the Department of Zoology, DDE, Madurai Kamaraj University, Madurai on 9th August 2017.
- **Participated** in the **International Symposium on “Molecular Nanomedicine”** Organized by the Post Graduate Department of Microbiology, Sri Paramakalyani College, Alwarkurichi on 29th August 2018.

- **Presented a paper** “Biological Values and Conservation of Marine Algae” in the One day National Symposium on Biodiversity Perspectives held on 20th September 2018 Organized by the Department of Zoology & IQAC, Hajee Karutha Rawther Howdia College, Uthamapalayam.
- **Presented a paper** “A study of mosquito larvicidal of *Azadirachta indica* (neem extract)” in the One day National Conference on Environmental Sustainability Health and Pollution Abatement (NCESHPA - 2020) held on 2nd March 2020 at M.S.S. Wakf Board College.
- **Participated** in the International Conference on Challenges to Environmental and Health Organized by the Department of Zoology, Jamal Mohamed College, Trichy on 30th January 2020.
- Participated and **presented a paper** in the National Conference on Environmental and Sustainability Health and Pollution Abatement Organized by the Department of Zoology, M.S.S.Wakf Board College, Madurai on 2nd March 2020.
- Participated and **presented a paper** entitled “Antimicrobial and Mosquitocidal Potential of Seaweed Collected from Pudumadam” in the International Conference on Biotechnological Trends for a Sustainable future (ICBTSF-2023) Organized by the Department of Biotechnology, The American College, Madurai On 30& 31, January 2023.

Interest

Poetry Writing, Books reading, Listening Music, Art, Painting and Interior Ornamentation.

Declaration

I do hereby declare that the above given information are true and correct to the best of my knowledge and belief.

Date:

Place: Madurai.

Signature

(V. Selvi)

References:

1. Dr. K. Shameem rani,

Associate Professor & head,
M.S.S. Wakf Board College,
Madurai – 625 020

Mbl.no: 98943 66992

2. Dr. S.Arivoli,

Assistant Professor,
Thiruvalluvar University,
Serkadu,

Vellore – 632 115

Mbl.no: 88388 25945