

NAME : Dr. S. SELVARAJ
POSITION : Assistant Professor
FACULTY OF : Zoology
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DATE OF BIRTH : 16.05.1985
LANGUAGES PROFICIENCY



READ : Tamil & English

WRITE : Tamil & English

SPEAK : Tamil & English

1. QUALIFICATION

S.No.	DEGREE/ DIPLOMA/ CERTIFICATE	DISCIPLINE	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	U.G.	Zoology	Vivekananda College, Madurai Kamaraj University, Madurai	2005
2.	P.G.	Zoology	The Gandhigram Rural Institute (Deemed University), Gandhigram	2007
3	B.Ed.	Zoology	Lakshmi College of Education, Madurai Kamaraj University, Madurai	2008
4.	M.PHIL.	Zoology	PRIST University, Thanjavur, Tamil Nadu	2010
5	SET	Zoology	Mother Teresa Women's University, Kodaikanal, Tamil Nadu	2016
6.	PH.D.	Zoology	Vivekananda College, Madurai Kamaraj University, Madurai	2019
7	DIPLOMA	Medicinal Botany	Vivekananda College, Madurai Kamaraj University, Madurai	2004
	DIPLOMA	Sericulture Technology	Vivekananda College, Madurai Kamaraj University, Madurai	2005
	DIPLOMA	Gandhian Thought	Lakshmi College of Education, Madurai Kamaraj University, Madurai	2008
8.	CERTIFICATE	Mass Communication	Vivekananda College, Madurai Kamaraj University, Madurai	2003
	CERTIFICATE	Temple worship	Vivekananda College, Madurai Kamaraj University, Madurai	2003
	CERTIFICATE	Sericulture Technology	Vivekananda College, Madurai Kamaraj University, Madurai	2004
	CERTIFICATE	MS OFFICE	Vivekananda College, Madurai Kamaraj University, Madurai	2005
	CERTIFICATE	Gandhian Thought	Vivekananda College, Madurai Kamaraj University, Madurai	2005

2. TEACHING EXPERIENCE

S.NO.	INSTITUTION	FROM	TO
1.	Assistant Professor of Zoology, Vivekananda College, Tiruvedakam West	2018	Till date
2.	PG Assistant in Biology, Bharathiyar Matric Hr. Sec. School, Elumalai,	2009	2015

3. POSITION HELD IN VIVEKANANDA COLLEGE

S.NO.	NAME OF THE POSITION	DURATION
1.	Project fellow in UGC funded Major Research Project (MPR-Major-Envi 2013-25549)	3 years (2015-2018)
2.	Assistant Professor of Zoology	3 years (2018- Till date)

4. POSITION HELD OUTSIDE

S.NO.	NAME OF THE SCHOOL	NAME OF THE POSITION	DURATION
1.	Bharathiyar Matric Hr.Sec.School, Elumalai,	PG Assistant in Biology	6 years (2009-2015)

5. AREAS OF SPECIALIZATION

- Microbiology
- Biotechnology &
- Environmental Science

6. ORIENTATION/REFRESHER/TRAININGPROGRAMMES/FDPPATTENDED

- Participated the hands on training in Molecular Techniques on “**Microbial-Molecular Techniques & their Applications**” in UGC- NRCBS, XXXI Winter School during 26th December 2016 to 7th January, 2017 held at Madurai Kamaraj University, Madurai.

7. NATIONAL/INTERNATIONAL SEMINARS,WORKSHOPS,CONFERENCES & SYMPOSIUMS

1. Participated in DBT Sponsored National Conference on community microbial consortia and the Human Holobiont-Implications of YET-unculturable microorganisms in systemic health, Disease & personalized medicine Organized by Department of immunology and microbiology, The American College, Madurai, Tamil Nadu, India, 7-8 December 2015.
2. **S. Selvaraj, B.Ashokkumar and P. Rajendran (2016).**“Isolation, Identification and Characterization of *Bdellovibrio* sp from Soil and its Antibiotic Potential against selected Bacterial Pathogens” UGC Sponsored **International Conference on Challenges & Opportunities in Life Science** Organized by Department of Zoology, Sri Meenakshi Government Arts College for Women, Madurai, Tamil Nadu, India, April 5-6.

3. **S. Selvaraj, T. Ramesh and P. Rajendran (2016).**“Isolation, Identification and Characterization of *Bdellovibrio*-and-like-organisms (BALOs) from environmental samples and their antibiotic Potential against selected bacterial strain”, **International Conference on current trends in Biotechnology ICCB-2016**Organized by the School of Bio-Science and Technology,VIT University, Vellore, Tamil Nadu, India, December 8-10.
4. **S. Selvaraj, P. Rajendran, T. Ramesh, B. Ashokkumar, D. Govindarajan and M.Ramesh (2017).** “Molecular typing of *Bdellovibrio* sp. isolated from environmental samples and their possible bio-control potential against diverse pathogenic bacteria”, **International symposium on Microbes for sustainable development: Scope& Application (MSDA-2017)** Organized by Babasahib Bhimrao Ambedkar (A central) University, Lucknow, Uttar Pradesh, India, November 16-19.
5. **S. Selvaraj, B. Ashokkumar and P. Rajendran (2019).** “Isolation, molecular identification and predatory studies of *Bdellovibrio* spp against selected gram negative pathogens”, **3rdInternational Conference on Recent Trends in Microbiology (RTM-2019)** organized by Department of Microbiology, Alagappa University, Karaikudi, Tamil Nadu, India, January 24-25.
6. Presented a poster in the Internal conference on **Innovative and emerging trends in botany (ICIETB-2019)** organized by Department of Botany, Alagappa University, Karaikudi, Tamil Nadu, India, November 6-7.
7. Presented a poster in the Internal conference on **“Recent Trends in Biodiversity conservation and utilization (RTBCU-2019)”** organized by PG Department of Zoology, SYED Ammal Arts and Science College, Ramanathapuram, Tamil Nadu, India.
8. Participated and presented a oral in the Indo- Malaysian Two-Day International E-Conference on **“Biologically synthesized silver nanoparticles from *Murraya koenigii*, *Moringa oleifera*, *Curcuma aromatica* and *Piper betle* and its antimicrobial activity against selected Human Pathogens”**, 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.

8. ARTICLES PUBLISHED IN JOURNALS/BOOKS

S.NO.	JOURNAL/ BOOK NAME	TITLE OF THE ARTICLE	MONTH /YEAR	VO L. NO	ISS UE NO.	PAGE NO.	ISSN	PUBLISHER
1.	Biomedical Journal Scientific & Technical Research (BJSTR)	Predatory bacteria- <i>Bdellovibrio</i> and Like Organisms (BALOs), A prospective rescuer to alleviate Human ailments	September 17, 2018	9	1	1-2	2574- 1241	Biomedical
2.	Research & Reviews: A Journal of Microbiology and Virology (RRJoMV)	The Predatory Bacteria, <i>Bdellovibrio</i> and Like Organisms (BALOs) - An Emerging Savior for Human Welfare”.	2018	8	3	19-33	2230- 9853 (online) 2349- 4360 (Print)	STM Journals
3.	Research & Reviews: A Journal of life Sciences (RRJoLS)	Isolation, Identification and Characterization of <i>Bdellovibrio</i> sp from Soil and its Antibiotic Potential against selected Bacterial Pathogens	2019	9	1	119-130	2249- 8656 (online) 2348- 9545 (Print)	STM Journals
4.	Research & Reviews: A Journal of Microbiology and Virology (RRJoMV)	Antibacterial activities of medicinal plant leaves extract against isolated <i>Escherichia coli</i> bacteria from different water sources	2021	11	3	34-40	2230- 9853 (online) 2349- 4360 (Print)	STM Journals

9. ANY OTHER

- Three years of working experience in **Project fellow in UGC funded Major Research Project (MPR-Major-Envi 2013-25549)** entitled “**Isolation, Characterization, and Diversity studies of *Bdellovibrio*-and- like organisms (BALOs) from environmental samples and their Potential as Bio-control agents**”, under the Principal investigator, **Dr. P. Rajendran**, Head and Associate Professor in Zoology, at Vivekananda College, Madurai Kamaraj University, Madurai.

➤ DEPOSITED BACTERIAL STRAINS IN GENBANK

1. *Bdellovibrio exovorus* MPR11(MH230062.1),
2. *Bdellovibrio* sp MPR12 (MH244347.1),
3. *Bdellovibrio* sp MPR13 (MH197098.1),
4. *Bdellovibrio* sp MPR14 (MH244344.1),
5. *Bdellovibrio* sp MPR15 (MH236283.1),
6. *Bdellovibrio* sp MPR16 (MH201006.1),
7. *Bdellovibrio* sp MPR17 (MH201007.1),
8. *Bdellovibrio* sp MPR18 (MH230068.1) and
9. *Acinetobacter schindleri* MPR01 (KY515392.1).

➤ **AWARD**

Received “**Best Behaved Students**” award for all-round performance and participation in the Gurukula activities at Vivekananda College, Tiruvedakam west, during the year 2002-2005.

E-Resources

<https://www.slideshare.net/selvarajselva1/mri-ct-scan>

<https://www.slideshare.net/selvarajselva1/chromatography-232656725>

<https://www.slideshare.net/selvarajselva1/ultra-sound-scan-doppler-scan>

<https://www.slideshare.net/selvarajselva1/role-of-co-operative-society-in-milk-production-and-marketing>

<https://www.slideshare.net/selvarajselva1/housing-equipments-for-dairy-cows>

<https://www.slideshare.net/selvarajselva1/dairy-farming-232478761>

<https://www.slideshare.net/selvarajselva1/zoology-for-competitive-examinations>

<https://www.slideshare.net/selvarajselva1/zoology-for-competitive-examinations>

<https://www.slideshare.net/selvarajselva1/plant-tissue-culture-techniques-232261528>

<https://www.slideshare.net/selvarajselva1/monoclonal-antibodies-and-their-applications-252035445>

<https://www.slideshare.net/selvarajselva1/plant-tissue-culture-cellpptx>