

NAME : Dr.T.SELLATHURAI
POSITION : Assistant professor
FACULTY OF : Department of Botany
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EMAIL ID : drtselladurai@gmail.com
DATE OF BIRTH : 09.05.1982
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.	Botany	Saraswathi Narayanan College, Madurai	2004
2.	P.G.	Botany	Saraswathi Narayanan College, Madurai	2006
3.	PH.D.	Botany	Saraswathi Narayanan College, Madurai	2011

2. TEACHING EXPERIENCE

S. No.	INSTITUTION	FROM	TO
1.	Assistant Professor, PG and Research Department of Botany in Periyar University	Sep. 5 th 2011	May 23rd 2013
2.	Assistant Professor, PG Department of Botany, Vivekananda College, Madurai.	June 10 th 2014	Till date

3. POSITION HELD IN Vivekananda College

S. No.	NAME OF THE POSITION	DURATION
1.	NSS Programme officer, Unite -77	2015- up to date
2.	Acted as a Acharya our Gurukulam	From November 2013 to May 31

4. AREAS OF SPECIALIZATION

- Herbal Medicine , Plant Tissue Culture and Phytochemistry

5. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S. No.	PROGRAMMES	THEME	ORGANIZED BY	DATE
1.	Orientation programme	Orientation programme	Madras University	23-5-2018 to 23-6-2018
2.	Orientation programme	Empanelled Training institution NSS	Avinashilingam University , Coimbatore	07-11-2017 to 13- 11-2017

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

S. No.	PROGRAMMES	SPONSORED BY	ORGANIZED BY	DATE	PARTICIPATED/ PRESENTED	TITLE OF THE PAPER
1.	Advanced Bio - Chem Development -2018	College	Sri Sarada Niketan College for Women in Karaikudi,	2018	Presented	Phytochemical Screening and HPTLC analysis of leaf and callus extracts of <i>Biospermum</i> (Wild.) Muell. Arg.
2.	National Seminar on Recent Advances in Biotechnology	TNSCST	Vivekananda College, Madurai	2018	Participated	-
3.	National Seminar on Recent Trends in	MKU	Department of	2017	Participated	-
4.	Innovations in Biotechnology-2017	DST-PURSE/NSERB	Department of Biotechnology, Madurai Kamaraj University	2017	Presented	Phytochemical screening and HPTLC analysis of leaf and callus extracts of <i>Biospermum montanum</i> (Wild.) Muell. Arg.
5.	In International Conference on Biological	Periyar University	Dept. of Chemistry,	2013	Presented	Phytochemical screening of <i>Tylophora indica</i> (Burm.f.)
6.	Biotechnological Intervention in Plant and	UGC	Department of Biotechnology,	2013	Presented	Phytochemical screening of <i>Baliospermum montanum</i>
7.	Regional Science Congress Science for Shaping the	Indian Science Congress	Kongunadu Arts and Science	2012	Presented	Bioactive screening of ethanolic leaf and calli
8.	12 th Tamil Science Congress	Periyar University	Periyar University	2012	Presented	Uses of medicinal plants in Periyar University campus,
9	National Seminar on Genomics and genetic	UGC /CSIR	Department of Biotechnology,	2012	Presented	Micropropagation of <i>Theriophonum fisheri</i>
10	National Seminar on Emerging trends in plant	Periyar University	Department of Botany, Periyar	2012	Presented	Wild medicinal plants in Periyar University campus
11	Biotechnology, Fusion of Advanced Research and	MKU	Madurai Kamaraj University	2010	Presented	In vitro micropropagation of <i>Tylophora indica</i> (Burm.f.)
12	National conference on Medicinal plant Resources.	UGC	Department of Botany,	2007	Presented	Conservation of Medicinal plants in the sacred Groves
13	National conference on Medicinal plant Resources.	UGC	Department of Botany,	2007	Presented	Callus production of <i>Tylophora asthmatica</i> (Burm.
14	National conference on Medicinal plant Resources.	UGC	Department of Botany,	2007	Presented	In vitro micropropagation of <i>Theriophonum fisheri</i> Sivad
15	State level seminar on plant medicine: Present	UGC	Department of Botany, College	2006	Presented	In vitro micropropagation of <i>Tylophora indica</i> (Burm.f)
16	National Seminar on Recent Advances in	UGC	Department of Zoology,	2018	Participated	-
17	National Seminar on Recent Trends in Ecotoxicological Research	UGC	Department of Zoology, Madurai Kamaraj	2017	Participated	-
18	National Seminar on "Prebiotics and probiotics in promoting human health	UGC sponsored	Department of Home Science, Sri Meenakshi	2015	Participated	-

8. ARTICLES PUBLISHED IN JOURNALS/BOOKS

S. No.	JOURNAL/BOOK NAME	TITLE OF THE ARTICLE	MONTH / YEAR	VOLUME NO.	ISSUE NO.	PAGE NO.	ISSN	PUBLISHER
1.	Afri. J. Biotechnology.	Screening of antimicrobial potential of in vitro calli and adult leaf extracts of <i>Tylophora indica</i> (Burm. f.) Merril.	2013	12	9	958-962.	:1684-5315	Afri. J. Biotechnology
2.	Plant Cell Biotechnology and Molecular Biology.	In vitro micropropagation of <i>Tylophora indica</i> (Burm.f) Merril through shoot tip explants.	2012	13	1-2	65-68	:0972-2025	Plant Cell Biotech. and Mole. Bio.
3.	Journal of Experimental Science	In vitro regeneration and phytochemical screening of <i>Tylophora indica</i> , an endangered medicinal herb.	2010	1	11	4-6	:2218-1768	Paper J. of Exp.. Sci.
4.	Plant Archive	In vitro propagation and antimicrobial property of <i>Tylophora indica</i> (Burm.f) Merril.	2010	10	2	661-666	:09725210	Plant Archive
5	Plant Archives	Oscillations in starch content and amylase activity in the leaves of paddy (<i>Oryza sativa</i> L.).	2009	9	2	885-886	: 09725210	Plant Archives
6	Plant Archives	In vitro propagation and conservation of <i>Gymnema sylvestre</i> (Retz) R.BR.	2007	7	1	283-286	: 09725210	Plant Archives
7	Plant Archives	In vitro plantlets formation through adult nodal explants of <i>Tylophora indica</i> (Burm. F) Merr – A valuable medicinal plant.	2006	6	2	487-490	: 09725210	Plant Archives

9. ANY OTHER

Extension Activity:

- One day training and awareness programme for preparation of Nilavembu Kashayam coarse powder in and around Madurai district people 2018.

Organized Seminar/ Conference

1. T. Sellathurai organized (organizing secretary) a webinar programme on Faculty Development Programme on Emerging Trends in Plant Sciences, Topic “Impact of Climate Change on Western Ghats Biodiversity” dated on 26.02.2021 organized by Department of Botany, Vivekananda College, Tiruvedakam West, Madurai, Tamil Nadu, India.

2. One Day State level Seminar on Modern Trends in Life Science on 7th March 2019 in Department of Botany, Vivekanadna College, Madurai.

3. One day National Seminar on “Emerging trends in Plant Science” in Department of Botany, Periyar University, Salem, Tamil Nadu - 2012.

Organized Webinar- 2

Workshop/ Training

1. National Level workshop on Genomic analysis and Protein designing in collaboration with TNSCST organized by the Post graduate and research Department of Zoology, Vivekananda College, Madurai- 2016.
2. Lecture Workshop on “**Application of Computational Chemistry and Biology**” (Sponsored by DST PURE Program) and organized by the School of Chemistry, Madurai Kamaraj University, Madurai on 3rd March 2015.
3. Two days **Interactive workshop for Ph.D Scholars** in Pondicherry University, India. – 2009
4. Attended National level workshop on **Molecular Genetic Methods in Diabetic Retinopathy** at Aravind Research Institute, Madurai, India - 2008.

Research Experience

1. Two year worked as Project Fellow in UGC Major research project entitled “In vitro multiplication and RAPD analysis of *Tylophora indica* for production of tylophorine compounds”.

Guided - Six M.Sc. project in Department of Botany in Periyar University (From Sep. 5th 2011 to May 23rd 2013)

Membership in Professional Bodies

1. Indian Science Congress Association
2. Plant Cell Biotechnology and Molecular Biology

Extension Activities:

1. Herbal Gardening
2. Nilavembu kashayam course powder preparation
3. Herbal hair oil preparation
4. Seedlings Nursery maintaining

Award

1. **Best oral award presentation in national conference on Advanced Bio - Chem Development -2018** held at Department of Biochemistry, Sri Sarada Niketan College for Women in Karaikudi, TN
2. **Talented scientist award** for paper presentation in National Seminar on “Genomics and genetic Engineering strategies for crop improvement” held at Department of Biotechnology, Periyar University, Salem, and Tamil Nadu. 2012.

Course Completion:

1. T. Sellathurai has successfully completed one Week online interdisciplinary **Certificate course on Basics of Organic Farming** from May 17 to May 23 2020 organized by Department of Botany and IQAC, Athalya- Sapre - Pitre College (Autonomous), Devrukh, Maharashtra, India.

Guest lecture:

1. T. Sellathurai presented guest lecture programme on recent trends on organic farming on 09.02.2021 organized by Department of Botany in Shri Sakthikailassh Women’s College, Salem, Tamil Nadu.

Certificate of Merit

1. **Best performance for Discipline and Regularity in Attendance** in B.Sc. Botany (2001-2004) by Nesamani Swamidoss Endowments.
2. **Best students award for Discipline in Hostel** in the year 2006 (M.Sc).

3. Awarded **Sri Hya Greeva award** during Ph.D Scholar- 2007.
4. **Prof. Sethuramanathan endowment scholarship** awarded during Ph. D Scholar – 2008

Other Certificate

1. Acted as a **Judge for School Science Exhibition** in Sri Sarada Vidyavanam Girls Matriculation Higher Secondary School, Madurai held on 05th and 6th February 2016
2. Participated on “**Celebrating International Day of Yoga**” conducted by National Service Scheme, Madurai Kamaraj University, Madurai held on 21st June 2015.
3. Participated on “**Soroptefest – Organic Expo2015**” conducted by Soroptimist International, Madurai held on 31st July 2015 and 2nd August, 2015 at Madurai.
4. Participated **Leadership Training Camp** at Saraswathi Narayanan College, Madurai, India -2007.
5. Attended Ten days **National Service Scheme (NSS)**-2002.