

## Curriculum Vitae



**Name:** Dr. S. Murugesan

**Designation:** Assistant Professor,

**Department:** Botany

**University:** Periyar University

**Address :** Assistant Professor, Department of Botany, Periyar University, Periyar Palkalai Nagar, Salem, Tamil Nadu – 636 011.

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### **Educational Qualifications (Starting from Graduation onwards):**

S.No.	Degree	University	Year	Subjects	Class
1.	Ph.D	A.V.V.M. Sri Pushpam College, Poondi, Bharathidasan University Tiruchirappalli – 24.	March 2012	Botany	Degree Awarded Highly Commended
2.	M.Phil	A.V.V.M. Sri Pushpam College, Poondi, Bharathidasan University Tiruchirappalli – 24.	January 2005	Botany	I Class With Distinction
3.	M.Sc	A.V.V.M. Sri Pushpam College, Poondi, Bharathidasan University Tiruchirappalli – 24.	April 2003	Botany	I Class
4.	B.Sc	Govt. Arts College, Krishnagiri, University of Madras	April 1999	Botany	II Class

### Details of employment (past & present)

S.No	Position	Organization	Nature of Job	Period
1.	Lecturer	Department of Botany & Microbiology, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur –Dt.	Teaching & Research	23.07.2005 - 22.11.2007
2.	Assistant Professor	Department of Botany & Microbiology, A.V.V.M. Sri Pushpam College(Autonomous), Poondi, Thanjavur –Dt.	Teaching & Research	23.11.2007 - 04.08.2013
3.	Assistant Professor	Department of Botany, Periyar University, Salem - 11	Teaching & Research	05.08.2013 - Till date

**List of publications during last five years (with complete details such as Journal name, all the author's name as appeared in the journal, volume number, page number, year of publication and the impact factor).**

**Research papers in Journals:**

S. No.	Author(s)	Title of the Article	Name of the Journal	Volume , Issue & Page No.	Year of Publication	ISS N No.	Impact factor
1	Senthilkumar.G , Madhanraj.P, <b>Murugesan.S,</b> Gopinathan. M , and Panneerselvam. A.	“Studies on Decolourization of pulp and papermill effluent by Fungi	<b>Proceeding</b> if the UGC sponsored Regional seminar on Recent Trends in Botechnology and its Role in Utilization of Biodiversity	p.51-56	2007	-	-
2	Vijayakumar, R., <b>Murugesan, S.,</b> Cholarajan, A., and Sakthi, V.	Larvicidal Potentiality of Marine Actinomycetes Isolated from Muthpet Mangrove, Tamilnadu, India	<b>Int. J. Microbiol. Res</b>	(3):179-183	2010	2079 - 2093	-
3	<b>S. Murugesan,</b> C. Manoharan, R. Vijayakumar and A. Panneerselvam	Isolation and characterisation of <i>Agrobacterium rhizogenes</i> from the root nodules of some leguminous plants	<b>Int. J. Microbiol. Res</b>	<b>1(3):</b> 92-96	2010	2079 - 2093	-

4	Ramasamy Vijayakumar , <b>Subban Murugesan</b> and Annamalai Panneerselvam A.	Isolation, characterization and antimicrobial activity of Actinobacteria from Point Calimere coastal region, east coast of India	<i>Int. Res. J. Pharm</i>	1(1): 358-365	2010	-	1.7 04
5	<b>S. Murugesan</b> , C. Manoharan, R. Vijayakumar and A. Panneerselvam	Characterisation of <i>Agrobacterium rhizogenes</i> isolated from the nodules of some leguminous plants	<i>Int. J. Microbiol. Res</i>	15(1):31 -32	2011	1818 - 4952	-
6	Kunthavai T. <b>Murugesan S.</b> and Panneerselvam A.	<i>In vitro</i> antifungal activity of medicinal plants against pathogenic fungus	<i>Res. J. Biol. Sci.,</i>	III(4): PP.45- 50	2011	0974 - 4177	-
7	<b>Subban Murugasen</b> , Ramanathan Bharathidasan, Ramasamy Vijayakumar, and Annamalai Panneerselvam	Prevalence of <i>Staphylococcus aureus</i> in various health	<i>Journal Pharmacy of Research</i>	4(11): 4047- 4049	2011	0974 - 6943	2.5 07
8	<b>Murugesan S.</b> , Senthilkumar, G. and Panneerselvam A.	Studies on yield, biochemical and molecular characteristics of <i>Pleurotus platypus</i> and <i>Pleurotus sajor-caju</i> .	<i>Recent Advances in Zoological Sciences: proceedings of the 22<sup>nd</sup> National Symposium</i>	167 - 173,	2011	-	-
9	<b>S. Murugesan</b> , R. Vijayakumar and A. Panneerselvam.	Phytochemical screening and Antimicrobial activity of the leaves of <i>Memecylon umbellatum burm.F.</i>	<i>J. App. Pharm. Sci.,</i>	01 (01):42- 45	2011	-	
10	<b>Subban Murugesan</b> , Ramasamy Vijayakumar and Annamalai Panneerselvam.	Antifungal activity of medicinal plants against plant pathogenic fungus <i>Fusarium oxysporum</i> .	<i>Journal of Pharmacy Research</i>	4(3),843 -844	2011	0974 - 6943	2.5 07
11	<b>Subban Murugasen</b> ,	Evaluation of Phytochemical	<i>Res. Journal of Pharm. Boil.</i>	1145- 1152.	2011	0975 -	-

	Ramasamy Vijayakumar, and Annamalai Panneerselvam	constituents from the leaves of <i>Memecylon umbellatum</i> . Burm. F.	<b>And chemical science</b>			8585	
12	<b>Subban Murugasen</b> , and Annamalai Panneerselvam	Pharmacological studies on <i>Memecylon umbellatum</i> Burm. F	<b>Journal of Pharmacy Research</b>	5(8),426-6-4270	2012	0974 - 6943	2.5 07
13	<b>Subban Murugasen</b> , and Annamalai Panneerselvam	Evaluation of phytochemical constituents from stems of <i>Memecylon umbellatum</i> Brum.F. by GC-MS analysis	<b>Research and Reviews: J of Botanical Sciences</b>	2(4),29-34	2013	2320 - 0189 ,234 7-2308	-
14	Vijayakumar Arul Doss <sup>1</sup> , <b>Subban Murugesan</b> <sup>2*</sup> , Jayapal Jmbulingam <sup>3</sup> , Panneerselvam Annamalai <sup>3</sup> , and Kalaichelvan PT <sup>1</sup> .	A Rapid Sensitive Detection Method by Plate Assay for Catalase Activity from Bacterium <i>Acinetobacter calcoaceticus</i> AV6.	<b>Research and reviews: journal of microbiology and biotechnology</b>	3(1),33-36	2014	2320 - 3528	-

#### **A. Details of professional training and research experience, specifying period.**

1. Recent Trends in Biological Research on 19<sup>th</sup> February, 2004, A.V.V.M. Sri Pushpam College, Poondi 613 503.
2. Training programme on edible mushroom cultivation Technology on 17<sup>th</sup> July 2004. A.V.V.M. Sri Pushpam College, Poondi 613 503.
3. State Level Seminar on plant Biotechnology on 14<sup>th</sup> October 2005, A.V.V.M. Sri Pushpam College, Poondi 613 503.
4. Recent Trends in Biotechnology and its Role in Utilization of Biodiversity on 5<sup>th</sup> March 2007. Jamal Mohamed College, (Autonomous) Trichy. Paper presented:
5. Training programme on edible mushroom cultivation Technology on 22 March 2008. A.V.V.M. Sri Pushpam College, Poondi 613 503.
6. Boundless prospects in grain processing and By product utilization 30 -31 July 2008. Indian Institute of Crop Processing Technology Thanjavur, Tamilnadu.
7. Seminar on Gandhian Thoughts 2.10.2008. Lion Clubs International (DIST -324 – A2) Programme Thanjavur.
8. 22<sup>nd</sup> National Symposium on *Recent Advances in Zoological Science: Application to Agriculture, Environment and Human Health*, held at Department of Zoology, College of

Basic Sciences & Humanities, PAU, Ludhiana and Indian Society of Life Sciences, Kanpur with Society for the Advancement of Academics, sports and cultural activities (SAASCA), PAU Zoological Society, PAU, Ludhiana November 6-7, 2008. Studies on yield, biochemical and molecular characteristics of *Pleurotus platypus* and *Pleurotus sajor-caju* by additives. Murugesan, S., Senthilkumar, G. and Panneerselvam, A. Paper presented:

9. National conference on Advances in modern biology and Environment 'AMBIEN'-2013. Evaluation of the antibacterial activity and preliminary phytochemical analysis of *Andrographis paniculata*(Burm.F.)Wall.ExNees. P.Manogar, S. Tamilselvi, R. Bharathidasan, S. Murugesan, A. Panneerselvam and M. Prabakeran.
10. National conference on Advances in modern biology and Environment 'AMBIEN'-2013. *In vitro* antibacterial activity and preliminary phytochemical analysis of *Carica papaya* L. J.E. Morvin Yabesh, S. Tamilselvi, R. Bharathidasan, S. Murugesan, A. Panneerselvam and M. Prabakeran.
11. National conference on Advances in modern biology and Environment 'AMBIEN'-2013. Studies on rare and endangered Medicinal plants of Thiruvarur (Dt). V. Balamurugan, S. Murugesan, A. Panneerselvam.
12. National level conference on Emerging novel avenues and opportunities in modern biological Sciences (sponsored by the University Grants Commission(UGC), New Delhi. Ethnomedicinal plants used by the rural people in Thirumayam, Pudukkottai District, Tamilnadu, India. P. Manogar, S. Tamilselvi, R. Bharathidasan, S. Murugesan, A. Panneerselvam and M. Prabakeran.
13. National level conference on Emerging novel avenues and opportunities in modern biological Sciences (sponsored by the University Grants Commission(UGC), New Delhi. Ethno – medico-Botanical survey in the veerainkottai village, Peravurani taluk, Thanjavur District, Tamilnadu, India. J.E. Morvin Yabesh, S. Tamilselvi, R. Bharathidasan, S. Murugesan, A. Panneerselvam and M. Prabakeran.
14. UGC Sponsored National Seminar on RECENT TRENDS IN BIOACTIVE SUBSTANCES-2013(RTBASS-2013)5,6.March 2013 PG and Research Department of Botany, Government Arts College(Autonomous), Karur. A survey of medicinally important plants in around mannargudi taluk, thiruvarur district, Tamilnadu. J.E. Morvin Yabesh, S. Tamilselvi, R. Bharathidasan, S. Murugesan, A. Panneerselvam and M. Prabakeran.
15. UGC Sponsored National Seminar on RECENT TRENDS IN BIOACTIVE SUBSTANCES-2013(RTBASS-2013)5,6.March 2013 PG and Research Department of Botany, Government Arts College(Autonomous), Karur. Traditional uses of Medicinal plants among the rural people in pudukkottai district of Tamilnadu. Southrenzxxddc India . J.E. Morvin Yabesh, S. Tamilselvi, R. Bharathidasan, S. Murugesan, A. Panneerselvam and M. Prabakeran.
16. National seminar on Fluorescent Microscopy organised by Department of Zoology, Periyar University, Salem – 636 011, Tamilnadu, India on 10<sup>th</sup> October, 2013.
17. International seminar on Nanobiotechnology in Cancer Research organised by Department of Biotechnology, Periyar University, Salem – 636 011, Tamilnadu, India on 21<sup>st</sup> July, 2014.

18. National workshop on Green Initiatives in Energy and Environment (GIEE-2014), organised by Department of Environmental Science, Periyar University, Salem – 636 011, Tamilnadu, India on 11<sup>th</sup> September, 2014.

19. National seminar on Innovative Approaches On Plant Science (IAPS) organised by Department of Botany , Periyar University, Salem – 636 011, Tamilnadu, India on 14<sup>th</sup> February, 2014.

20. National level seminar on Current Trends in Biodiversity Conservation and Forest Management (CTBCFM-2014) organised by Centre for Biodiversity and Forest Studies, Periyar University, Salem – 636 011, Tamilnadu, India on 6<sup>th</sup> - 7<sup>th</sup> January, 2014.

#### Ph.D., GUIDING UNDER MY SUPERVISION

S. No.	Name	Reference No.	University
1	D. Reka	Ref.No;18254/Ph.D.,K1/BOT/July2013/F.T/dated11.11.2013	Bharathidasan University, Trichy - 24
2	S. Gnanavel	Ref No: 17963/Ph.D.K1/Botany/Full Time/July 2013/Date: 20.08.2013	Bharathidasan University, Trichy - 24

#### M.Phil PROJECTS GUIDED UNDER MY SUPERVISION

S. No.	Name	Title	University
1	<b>T. Kunthavai</b> Reg. No. 08BO553 Major : Botany	Invitro Antifungal activity of Medicinal plants against plant pathogenic fungus <i>Fusarium oxysporum</i> .	A. V. V. M. Sri Pushpam College.
2	<b>J. Jayapal</b> Reg. No:09BO505 Major : Botany	Studies on Floristic Spirituality and Ecological dimension of puthupet Sacred Groves Tamilnadu.	A. V. V. M. Sri Pushpam College.
3	<b>V. Madhumathi</b> Reg No: 09MB552 Major: Microbiology	Studies on the identification of most suitable drug for pathogenic Bacteria causing periodontities.	A. V. V. M. Sri Pushpam College.
4	<b>V. Balamurugan</b> Reg No: 12B0B502 Major : Botany	Studies on Floristic Spirituality and Ecological dimension of Puchikkadu Sacred Groves Tuticorin, Tamilnadu.	A. V. V. M. Sri Pushpam College.

### M.Sc., PROJECTS GUIDED UNDER MY SUPERVISION

S. No.	Name	Title	University
1	<b>K. Karthika</b> <u>Reg No.</u> P12BOT1006	Studies on yield and characteristic of <i>Pleurotus citrinopileatus</i> .	Periyar University,
2	<b>R. Madhankumr</b> <u>Reg No:</u> P12BOT1007	Survey of Medicinal Plant on Egalnatham Hills in Krishnagiri Dt.	Periyar University,
3	<b>S. Nivedha</b> <u>Reg No:</u> P12BOT1009	Studies on cultivation and yield of <i>Pleurotus eous</i> .	Periyar University,
4	<b>V. Prakash</b> <u>Reg No:</u> P12BOT1011	Studies of selected Plant in Salaparai of Yarcad Hills of Salem Dt.	Periyar University,

### REFRESHER COURSES/ TRAINING PROGRAMME ATTENDED:

1. Orientation Course – Academic Staff College, Bharathidasan University (BARD), Trichy during 16.05.2008 – 12.06.2008.
2. Refresher Course in Botany – Tamil University Thanjavur during 22.10.2010 – 12.11.2010.
3. Refresher Course in Botany - Academic Staff College, Bharathidasan University (BARD), Trichy during 29.06.2013 -19.07.2013.

### PARTICIPATION AND CO-CURRICULAR ACTIVITIES

1. N.S.S. Programme Officer from 6.6.2008 to 31.6.2011.

### Research Projects

	Projects Title	Funding Agency	Amount Rs.	Grant Received
1.	Phytochemistry, Pharmacological and Pharmacognostical studies on <i>Justicia gerdarussa</i> Linn. Potential for Pharmaceutical Applications	UGC Start up – Grant Scheme	6,00,000	Received