



## DETAILS OF ORIENTATION, REFRESHER COURSES AND TRAINING PROGRAMMES ATTENDED:

SL. NO.	COURSE	UNIVERSITY	PERIOD	TITLE
1.	Training course in Domestic Preservation of Fruits and Vegetables	Community food and Nutrition Extension Unit, Madurai	2 Weeks	
2.	Staff Development Programme on Molecules of Living Things	Dept .Biotec, P. M.C.T.W, Thanjavur	15 Days	
3.	E-CONTENT DEVELOPMENT	Dept.Educational Tech, BARD, University Trichy	1 Week	
4	6 <sup>th</sup> All India Summer Research Training Programme on Molecular Techniques	Dept. Micro & Biotech. Sengunthar Arts & Science College, Truchengode.	15 Days	
5.	72 <sup>nd</sup> Orientation Programme	UGC-Academic Staff College, BHARATHIDASN UNIVERSITY, TRICHY	28 Days	
6	Staff Development Programme on Biotechnological Interventions in Food Processing	Dept.Food Engineering Tech,(SLIT) Longowal, Punjab.	1 Week	
7	National Programme on Technology Enhanced Learning - NPTEL Workshop (A joint venture by Indian Institutes of Technology & Indian Institute of Science)	Organised by PRIST University Thanjavur - 12.04.2013	One day	
8	Workshop On Molecular Biological Techniques	Organized by Dept of Botany and Microbiology, A.V.V.M. Sri Pushpam College (Auto), Poondi – 613 503, Thanjavur (Dt) on 2013 August -22 <sup>nd</sup> to 24 <sup>th</sup> .	3days	
9	Workshop on Quality Research Report Writing (Exclusively for Research Supervisor in Science Subject of Bharathidasan University) Trichy-24	Organized by Curriculum Development Cell, Bharathidasan University, Trichy - 28.02.2014.	One day	
10	Special Orientation Programme for Professor,	Organized by Internal Quality Assurance Cell [IQAC], A.V.V.M Sri Pushpam College (Autonomous), Poondi. Held 06.04.2014 to 18.04.2015.	Two Weeks	

11	Workshop on DNA Finger Printing – 2015.	Organized by Department of Botany & Microbiology A.V.V.M Sri Pushpam College (Autonomous), Poondi, and Department of Microbiology, Bharathiadasan University, Trichy – 24	One day	
12	Science teaching Skills & Virtual Laboratory	Dept.of Physics & Internal Quality Assurance Cell,AVVM. Sri Pushpam College,Poondi	3days	

**ANNEXURE – II**

**WHETHER FDP AVAILED, IF YES, FURNISH DETAILS**

Name of the institution	Period of Study	Date of submission	Awarded
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**ANNEXURE – III**

**SEMINARS/CONFERENCES, SYMPOSIA, WORKSHOPS, ETC ATTENDED**

Sl. No	Title of the Seminars/Conferences, Symposia, Workshops	Level (State / National / International)	Sponsoring Agency and Name of the Institution	Date
1	Seminar on Entrepreneurship Awareness in industrial Microbiology	State level	A.V.V.M Sri Pushpam College (Autonomous) Poondi	4 <sup>th</sup> Oct 1998
2	Inter-collegiate Student seminar on Microbiology	State level	A.V.V.M Sri Pushpam College Poondi	5 <sup>th</sup> Oct 1999 4 <sup>th</sup> to 6 <sup>th</sup> oct 2002
3	workshop on the state-of-the-Art Techniques in Agricultural Microbiology	State level	A.V.V.M Sri Pushpam College Poondi	17 <sup>th</sup> To 19 <sup>th</sup> Feb 2004
4	National Symposium on Recent Trends in Biological Research	State level	A.V.V.M Sri Pushpam College Poondi	17 <sup>th</sup> July 2004
5	Training Programme on Edible Mushroom cultivation Technology	State level	A.V.V.M Sri Pushpam College Poondi	10 <sup>th</sup> & 11 <sup>th</sup> August 2005
6	State level programme on scope and status of phytochemistry and Bioremediation	National	K N G A College Thanjavur	15 <sup>th</sup> and 16 <sup>th</sup> Feb 2006
7	3 <sup>rd</sup> National symposium on modern biological science symbios 06	National	SNMV college Coimbatore	10 <sup>th</sup> & 11 <sup>th</sup> August 2006

8	National seminar on recent Advances in plant biology	National	VHNSN College Virudhunagar	21 <sup>st</sup> & 22 <sup>nd</sup> Jan 2008
9	National Symposium on Modern Biological science symbios	National	SNMV College, Coimbatore	30 & 31 July 2008.
10	Seminar on “Boundless Prospect on seed processing and by-Product utilization”	National	Indian institute of Crop Processing Technology	2 <sup>nd</sup> oct 2008
11	Seminar on Gandhian Thoughts	National	Lions Club International	29 <sup>th</sup> Nov 2010
12	“Diagonosis of infectious Disease by molecular biological methods”	National	Department of Microbiology, Bharathidasan Univeristy Trichy	August 4 <sup>th</sup> and 5 <sup>th</sup> 2011
14	“Biopharmaceuticals” their Application in Disease Prevention and Health Promotion	National	Dr.N.G.P Arts and Science College, Coimbatore,	4 <sup>th</sup> oct 2011.
15	Edible Mushroom Cultivation Technology	-----	AVVM Sri Pushpam College Poondi	-----

## PAPERS PRESENTED IN SEMINARS/CONFERENCES, SYMPOSIA, WORKSHOPS, ETC

Sl. No.	Title of the Paper	Level (State / National / International)	Sponsoring Agency and Name of the Institution	Date
1	(AIIMT-IFBLS) "23 <sup>rd</sup> World Congress of Biomedical Laboratory" Organised by AIIMT-IFBLS held on 24 <sup>th</sup> to 28 <sup>th</sup> Aug 2008 New Delhi	International	AIIMT-IFBLS New Delhi	24 <sup>th</sup> to 28 <sup>th</sup> Aug 2008
2	"Studies on the mycoflora of oil cake and <i>Trichoderma viride</i> amended soil" scope and status of phytochemistry and bioremediation KNGA college for women Thanjavur. Dt. Aug 10 <sup>th</sup> & 11 <sup>th</sup> - 2005. Amudhan. A, <b>Senthil Kumar.G.</b> , Ambikapathy. V and Panneerselvam. A.	National	KNGA college for women Thanjavur. Dt	Aug 10 <sup>th</sup> & 11 <sup>th</sup> - 2005.
3	Diversity of fungi in the mangroves of Muthupet and Pichavaram , East coast, India. 3 <sup>rd</sup> National symposium on modern biological science symbios 06 SNMV College Coimbatore on 15 <sup>th</sup> & 16 <sup>th</sup> Feb 2006. <b>G.Senthilkumar</b> , Ambikapathy. V and Panneerselvam. A.	National	SNMV College Coimbatore	15 <sup>th</sup> & 16 <sup>th</sup> Feb 2006.
4	"Studies on the isolation of cellulolytic bacteria and their uses in paper mill effluent treatment" National seminar on recent advances in plant biology VHNSN College Virudhunagr on August 10 <sup>th</sup> & 11 <sup>th</sup> 2006. <b>G.Senthilkumar</b> , P. Madhanraj, M. Gopinathan and A. Panneerselvam.	National	VHNSN College Virudhunagr	10 <sup>th</sup> & 11 <sup>th</sup> 2006.
5	"Studies on the antibacterial activity of <i>wedelia chinensis merrill</i> " National seminar on recent advances in plantbiology VHNSN College Virudhunagar on August 10 <sup>th</sup> & 11 <sup>th</sup> 2006. Madhanraj.P, <b>Senthilkumar.G.</b> , Kumar. T and Panneerselvam. A.	National	VHNSN College Virudhunagr	10 <sup>th</sup> & 11 <sup>th</sup> 2006.
6	"Studies on Decolorization of pulp and paper mill effluent by fungi" Regional seminar on Recent Trends in Biotechnology and its role in utilization of biodiversity" Jamal Mohamed College Trichy on 5 <sup>th</sup> & 6 <sup>th</sup> March - 2007. <b>G.Senthilkumar</b> , P. Madhanraj, S. Murugesan, M. Gopinathan and A. Panneerselvam.	Regional	Jamal Mohamed College Trichy	5 <sup>th</sup> & 6 <sup>th</sup> March - 2007
7	"Fungal Diversity in the sanddune soil of Tamilnadu coast" Jamal Mohamed College Trichy held on 5 <sup>th</sup> & 6 <sup>th</sup> March - 2007. Mathanraj.P, <b>SenthilKumar.G.</b> , Manorajan. S, Kumar. T, Panneerselvam. A and Nadimuthu. N.	Regional	Jamal Mohamed College Trichy	5 <sup>th</sup> & 6 <sup>th</sup> March - 2007
8	"Seasonal investigation of Marine fungi in the beach soil of Tamilnadu cost". National level seminar on Advances in Microbiology NAM 07 5 <sup>th</sup> Oct 2007. Organized by PG and Research Dept of Microbiology Kurinji College of Arts and Science Tiruchirappalli Tamilnadu. Jobit Subitha. S, Gino. G. Sholin, Madhanraj. P, <b>Senthilkumar. G.</b> , Panneerselvam. A and N.Nadimuthu.	National	Kurinji College of Arts and Science Tiruchirappalli	5 <sup>th</sup> Oct 2007.
9	"Studies on Milky Mushroom ( <i>Calocybe indica</i> ) Cultivation and their enzyme activity" Symbios-08.SNMV College Coimbatore on Jan-21 <sup>st</sup> & 22 <sup>nd</sup> 2008 Senthamizhselvan. R, Rama. S, <b>SenthilKumar.G.</b> , Madhanraj. P and Panneerselvam.A.	National	SNMV College Coimbatore	Jan-21 <sup>st</sup> & 22 <sup>nd</sup> 2008

10	<p><b>“Isolation, identification and antimicrobial assessment of marine actinomycetes from Mangroves”.</b> National symposium on Microbiology and Biotechnology organised by Dept of Microbiology and Biotechnology, Cauvery College for women, Trichy and Dept of Microbiology- School of Life Science BARD Trichy on 28<sup>th</sup> – 29<sup>th</sup> July 2008. Dhanalakshmi, G., Prabakaran,M., Ushadevi.T., <b>Senthilkumar. G,</b> and Panneerselvam.A.</p>	National	Cauvery College for women, Trichy	28 <sup>th</sup> – 29 <sup>th</sup> July 2008.
11	<p><b>“Studies on Mycoflora of Mangrove environment from vellapallam Nagai(Dt)”</b> National Seminar on Recent Trends in Biological Science Sri Gowri Biotech Research Academy Thanjavur held on 12<sup>th</sup> April 2009. Muthusamy. A and <b>Senthilkumar. G.</b></p>	National	Sri Gowri Biotech Research Academy Thanjavur	12 <sup>th</sup> April 2009.
12	<p><b>Biodiversity of Mycoflora in paddy field”.</b> National seminar on recent trends in Biological Science Sri Gowri Biotech Research Academy Thanjavur held on 12<sup>th</sup> April 2009. Dhanalakshmi. G, <b>Senthilkumar. G</b> and Ashok. G.</p>	National	Sri Gowri Biotech Research Academy Thanjavur	12 <sup>th</sup> April 2009
13	<p><b>Pathogenic and Treatment of bacterial infections in Diabetic Foot patients”.</b> National seminar on recent trends in Biological Science Sri Gowri Biotech Research Academy Thanjavur held on 12<sup>th</sup> April 2009. Thendral. R, Magesh. M, <b>Senthilkumar. G</b> and Panneerselvam. A.</p>	National	Sri Gowri Biotech Research Academy Thanjavur	12 <sup>th</sup> April 2009
14	<p><b>“Studies on yield, biochemical and molecular characteristics of <i>Pleurotus platypus</i> and <i>Pleurotus Sajor caju</i> by additives”.</b> 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 Science &amp; Humanities. PAU Ludhiana and Indian Society of Life Science, Kanpur with Society for the Advancement of Academics, Sports and Cultural Activities (SAASCA) PAU Zoological Society, PAU Ludhiana November 6<sup>th</sup> and 7<sup>th</sup> 2008. Murugesan,S., <b>Senthilkumar.G,</b> and Panneerselvam.A,</p>	National	Department of Zoology College of Basic Science & Humanities. PAU Ludhiana and Indian Society of Life Science, Kanpur with Society for the Advancement of Academics, Sports and Cultural Activities (SAASCA) PAU Zoological Society, PAU Ludhiana	November 6 <sup>th</sup> and 7 <sup>th</sup> 2008.
15	<p>“Influence of water quality parameter and bacterial flora on the live feed rotifer (<i>Brachionus Plicatilis</i>) culture system with different feeds”. Symbios – 09 Jan 28<sup>th</sup> &amp; 29<sup>th</sup> 2009. SNMV College Coimbatore Thendral. R, Nisha. S, Kailasam, Senthikumar.G and Panneerselvam. A,</p>	National	SNMV College Coimbatore	Jan 28 <sup>th</sup> & 29 <sup>th</sup> 2009
16	<p><b>“Organic Prawn Rearing (SCAMPI)- Entrepreneurship program”</b> National Seminar on women empowerment with special reference to rural economy AVVM Sri Pushpam College Poondi Thanjavur (Dt) - Tamilnadu on 24<sup>th</sup> &amp; 25<sup>th</sup> January 2009. Thendral. R, <b>Senthilkumar. G</b> and Panneerselvam. A.</p>	National	AVVM Sri Pushpam College Poondi Thanjavur (Dt)	24 <sup>th</sup> & 25 <sup>th</sup> January 2009.
17	<p>“Studies on Flora and Phylloplane mycoflora of muthupet mangroves” to inculcate Environmental Awareness” Symbios- 10 SNMV College Coimbatore Feb 5<sup>th</sup> and 6<sup>th</sup> 2010. Josphine. A, Madavasamy. S, SenthilKumar.G and panneerselvam.A.</p>	National	SNMV College Coimbatore	Feb 5 <sup>th</sup> and 6 <sup>th</sup> 2010.
18	<p>“Biology control of Root Rot Disease of Sorgham plant using <i>Trichoderma viride</i>”. Symbios- 10 SNMV College Coimbatore Feb 5<sup>th</sup> and 6<sup>th</sup> 2010. Karunakaran. R, Senthilkumar.G, Sarathi. V and Panneerselvam.A.</p>	National	SNMV College Coimbatore	Feb 5 <sup>th</sup> and 6 <sup>th</sup> 2010.
19	<p><b>Biodiverstiy”Antibacterial Activity and Bioactive Compounds of <i>Sacchorapolyspora hirsuta</i>”</b> National Symposium on Biopharmaceuticals- Their application in Disease Prevention and Health Promotion – NSBP 2011. Dr.N.G.P. Arts and Science College on 4<sup>th</sup> and 5<sup>th</sup> August 2011. Ezhil Arasi. R, Deepa. S, <b>Senthilkumar. G</b> and Panneerselvam. A.</p>	National	Dr.N.G.P. Arts and Science College	4 <sup>th</sup> and 5 <sup>th</sup> August 2011.
20	<p><b>Effect of Biofertilizer on Morphological and Physiological Parameters of Cowpea.</b> National Symposium on Prospects and Retrospects in</p>			17 <sup>th</sup> & 18 <sup>th</sup> Feb 2012,

	Microbial Technology 17 <sup>th</sup> & 18 <sup>th</sup> Feb 2012, Cauvery college for women & Bharathidassan University,Trichy. Karnan,M, <b>Senthilkumar.G</b> , Madhavan.S, Kulothungan.S and Panneerselvam.A.	National	Cauvery college for women & Bharathidassan University,Trichy.	
21	<b>Normal occurrence of Bacteria in Nails of Humanbeings.</b> National Seminar on Perspectives of Marine Drugs March1 <sup>st</sup> & 2 <sup>nd</sup> -2012,Organized by PG & Research Dept of Biotechnology,Bharath College of Science and Management. Thanjavur-dt Gomathi G, <b>Senthilkumar.G</b> and Panneerselvam.A.	National	Bharath College of Science and Management,Gomathi. Thanjavur-dt	March1 <sup>st</sup> & 2 <sup>nd</sup> -2012,
22	<b>Biodiversity of Marine Fungi from the soil of vellappallam</b> National Seminar on Perspectives of Marine Drugs March1 <sup>st</sup> & 2 <sup>nd</sup> -2012,Organized by PG & Research Dept of Biotechnology,Bharath College of Science and Management, Karnan.M, Muthusamy.A, <b>Senthilkumar.G</b> and Panneerselvam.A.	National	Bharath College of Science and Management,Gomathi. Thanjavur-dt	March1 <sup>st</sup> & 2 <sup>nd</sup> -2012,
23	<b>Antimicrobial Activity of the Aqueous,Chloroform and Extracts of Acalypha indica(L.)</b> National Seminar on Perspectives of Marine Drugs March1 <sup>st</sup> & 2 <sup>nd</sup> -2012,Organized by PG & Research Dept of Biotechnology,Bharath College of Science and Management, Oviya.P,Usha D.K <b>Senthilkumar.G</b> and Panneerselvam.A.	National	Bharath College of Science and Management,Gomathi. Thanjavur-dt	March1 <sup>st</sup> & 2 <sup>nd</sup> -2012,
24	<b>Antibacterial activity of essential oil extracted from Coriandram Sativam(L.)and GC-MS Analysis</b> ,National Seminar on Perspectives of Marine Drugs March1 <sup>st</sup> & 2 <sup>nd</sup> -2012,Organized by PG & Research Dept of Biotechnology,Bharath College of Science and Management, Saranya.S,Bharathidassan.R <b>Senthilkumar.G</b> and Panneerselvam.A.	National	Bharath College of Science and Management,Gomathi. Thanjavur-dt	March1 <sup>st</sup> & 2 <sup>nd</sup> -2012
25	<b>Growth Parameter of Dolichos biflorus with Different Substrate in Rhizobium</b> ,National Seminar on Perspectives of Marine Drugs March1 <sup>st</sup> & 2 <sup>nd</sup> -2012,Organized by PG & Research Dept of Biotechnology,Bharath College of Science and Management, Revathi.K, Kulothungan.S <b>Senthilkumar.G</b> and Panneerselvam.A.	National	Bharath College of Science and Management,Gomathi. Thanjavur-dt	March1 <sup>st</sup> & 2 <sup>nd</sup> -2012
26	<b>Screening of Antimicrobial Properties of Indigofera glandulosa wild-A legume Plant.</b> State level Seminar on Emerging Advancements in Biosciences,17 <sup>th</sup> March 2012,Organized by Dept of Microbiology&BiotechnologyJamalmohamedCollege,Trichy.Gowthami.M,Suganya.S,Tamilselvi.S, <b>Senthilkumar.G</b> and Panneerselvam.A.	State level	JamalmohamedCollege,Trichy.	17 <sup>th</sup> March 2012
27	<b>Studies on Leaf Surface Fungi of Teak Plantation of Saliyamangalam.</b> State level Seminar on Emerging Advancements in Biosciences,17 <sup>th</sup> March2012,OrganizedbyDeptofMicrobiology&Biotechnology,Jamalmohamedcollege,Trichy.Karnan.M,Renganathan.S, <b>Senthilkumar.G</b> and Panneerselvam.A.	State level	JamalmohamedCollege,Trichy.	17 <sup>th</sup> March 2012

## RESEARCH PAPERS PUBLISHED:

Sl. No.	Title of the Paper	JOURNAL			Page Number
		Name	Volume	Year / Month of Publication	
1	“Biodiversity of Mycoflora in Muthupet mangroves-Tamil Nadu”. G. Senthilkumar, P. Madhanraj, K. Kanimozhi and A. Panneerselvam.	Journal of Microbial world	vol.11	Jan 2009	31 - 36
2	Effect of some medicinal Plants, commercial Antibiotics And different Shampoo on <i>Pityrosporum ovale</i> . P.Madhanraj,K.Gopalakrishana, .Ginosholin, S.JobitSubitha, G.Senthilkumar and A.Pannerseelvam.	Plant archives	vol.9	NO.1 2009	243-245
3	“Purification and Characterization of Alkaline protease from <i>Aspergillus niger</i> on solid state culture” P. Madhanraj. J. Juwanitha Joel, G. SenthilKumar, M. Prabakaran, M. Ananthi and A. Paneerselvam.	Asian Journal of Microbial, Biotech. Environment Science	vol 11	No(4):2009:	843-846
4	“Biodiveristy of Microbes in Paper Mill Effluent” G. Senthikumar and A. Panneerselvam. Journal of Pollution Research 29(1) 33-36(2010) EM international	Journal of Pollution Research	29(1)	(2010)	33-36
5	“Water Quality and Bacterial Flora of the Live Feed Rotifer Culture System.” R. Thendral, G. Senthilkumar and A. Panneerselvam.	Journal of Ecobiology	27(4)	2010	345 - 348
6	“Studies on <i>Agrobacterium rhizogenes</i> Isolated from the Nodules of Some Leguminous Plants” Murugesan. S, Senthilkumar. G, Madhanraj. P, Panneerselvam. A and Manoharan. C. Hamdard Medicus vol. 53, No 4 2010.	Hamdard Medicus	vol. 53, No 4	2010.	167 - 173.
7	“Studies on Yield and Biochemical and molecular characteristics of <i>Pleurotus platypus</i> and <i>Pleurotus sajor-caju</i> . Murugesan. S, Senthilkumar. G and Pnneerselvam. A.	22 <sup>nd</sup> Natl.Symp. Recent Advances in Zoological Sciences : Application to Agriculture, Environment and Human Health.	Nov 6 <sup>th</sup> & 7 <sup>th</sup> , 2008:	2011	19 - 21
8	“Studies on the Compound and its Antifungal Potentiality of Fungi Isolated from Paddy Soils of Jenbagapuram village, Thanjavur District, and SouthIndia.” Senthilkumar. G, Madhanraj. P and Panneerselvam. A.	Asian journal of Pharmaceutical Research	Vol 1 Isseu 1	2011	449 - 457



9	<p><b>"Exploration of <i>Trichoderma harzianum</i> against <i>Fusarium Oxysporum</i> from paddy soils of jenbagapuram village, Thanjavur District, South India". Senthilkumar. G, Madhanraj. P and Panneerselvam. A.</b></p>	Scholars Research Library Der Pharma Chemica,	3(3)	2011	-----
10	<p><b>"Studies on DNA Extraction, Molecular Identification and Genetic Evolution of <i>Trichoderma harzianum</i>". Senthilkumar. G, Madhanraj. P and Panneerselvam. A.</b></p>	Asian J. Research Chem.	-----	August. 2011	15-19
11	<p><b>Studies on Saprophytic Survival of <i>Fusarium oxysporum</i> using precolonized paddy straw bits. Senthilkumar.G., Madhanraj.P., Panneerselvam.A.</b></p>	J.Nat. Prod. Plant Resour	1(3)	2011,	250-252
12	<p><b>Antibacterial Activity of <i>Aspergillus oryzae</i> against some Human Pathogens. Senthilkumar.G., Josphine.A., Madhanraj.P and Panneerselvam.A.,</b></p>	Research J.Pharmacology and Pharmacodynamics	3(5)	2011	169-175
13	<p><b>Studies on the compound separation and its antifungal potentiality of fungi isolated from paddy field. Senthilkumar. G, Madhanraj. P and Panneerselvam . A,</b></p>	Journal of Microbiology and Biotechnology Research.	1(3)	2011	1730-1736
14	<p><b>Investigation of Mycoflora and Soil Character from Paddy Soil of Jenbagapuram Village, Thanjavur District, SouthIndia. Senthilkumar . G, Madhanraj . P, and Panneerselvam . A,</b></p>	Research Journal of Pharmacy and Technology	Volume04,Issue11	Nov-2011	358-362
15	<p><b>Degradation of chicken feather by <i>Leuconastoc</i> sp. and <i>Pseudomonas microphilus</i> Tamilkani.P, Suba.K, Madhanraj .P,Senthilkumar.G, and Panneerselvam . A,</b></p>	European journal of Experimental Biology	2(2)	2012,	363-368
16	<p><b>Screening of Phytochemical and antibacterial Activity of <i>Hemidesmus indicus</i> (L.) and <i>Vetiveria zizanoides</i>(L.) Ratha.M,Suba.K, Senthilkumar . G, and Panneerselvam . A,</b></p>	European journal of Experimental Biology	2(2)	2012,	53-55
17	<p><b>Diversity of fungi from drift wood of Muthupet Mangroves Josphine.A, Senthilkumar.G, Madhanraj.P ,and Panneerselvam.A</b></p>	Asian.J.Pharm.Ana	Vol.3,Issue3	2011	

**BOOKS PUBLISHED:**

Sl. No.	Name of the Book / Title of the Article / Book / Editor	Publisher	Place and Year of Publication
1	Biodiversity conservation and management	Sri Murugan Publications	Thanjavur-2009
2	A Manual of Food and Agricultural Microbiology -Dept. Publication .	Jayasai Publishers	Thanjavur 2009
3	Edible Mushroom Cultivation Technology	Sri Murugan Publications	Thanjavur-2016
4	Book Chapter - ADVANCES IN PROBIOTICS MICROORGANISMS IN FOOD AND HEALTH September-2021 (A) Chapter 21,PP 327-348, ISBN:978-0-12-822909-5.	Academic Press is an imprint of <b>ELSIVIER,</b>	September-2021 (A) Chapter 21,

**ANNEXURE – VII****GUEST LECTURES DELIVERED:**

Sl. No.	Title of the Guest Lecture	Place	Date
1	Kaalan Valarppu Oru Kannotum	NSS special Camp, Queens College of Arts & Science for Womens, Punalkulam, Thanjavur Dt	19 <sup>th</sup> December 2021..

**ANNEXURE – VIII****RESEARCH PROJECTS – ONGOING AND COMPLETED:**

SL. No.	Title of the project	Minor/ Major	Name of the Funding Agency	Period	Amount Sanctioned	UC Submitted If Yes, Date and Year
01	Utilization of agro waste for the cultivation and Biotechnological application of <i>Volvariella</i> sp	Minor	SERO/ UGC	2017-2019	4,60,000	Submitted July2019

## SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOPS ORGANIZED:

Sl. No.	Title of the Seminar/Conference/Symposia Workshop	Name of the Sponsoring Agency	Amount Sanctioned	Period	UC submitted If Yes, Date and Year

## ANNEXURE – X

## Research Experience (M.Phil.) – Guided and Guiding

Sl. No.	Name of the Scholar	Title of the Dissertation	Year of Study	University
1	Thendral.R Reg No: 08MB567 August 2009	Biodiversity of marine Fungi, Effect of ozanization on <i>Aspergillus flavus</i> & <i>Aspergillus ochraceous</i> Gene Sequencing.	2008-2009	Bharathidassan University-Trichy
2	Joshphine.G Reg.No : 09MB561. August-2010	Diversity, Antibacterial activity and Molecular Characterization of fungi isolated from drift wood of Muthupet Mangroves East coast of India	2009-2010	Bharathidassan University-Trichy
3	Bommi.V, Reg.No : 12MB554. August 2013	Studies on the Mycoflora in Bamboo soil of Thanjavur (Dt)	2013-2014	Bharathidassan University-Trichy
4	Karthikadevi. S Reg.No: 14MBB556 August 2015	Studies on the antimicrobial activity and pharmacological properties on <i>Aerva lanata</i> Linn.	2014-2015	Bharathidassan University-Trichy
5	Rathidevi.R (PT) Reg.No18MBB751 August 2020	Diversity of Micro fungi and Bacteria with reference to Production and Optimization of Amylase and Protease Enzymes.	2018-2020	Bharathidassan University-Trichy

## Research Experience (Ph.D.) – Awarded, Submitted and Guiding

Sl. No.	Name of the Scholar	Title of the Thesis	Awarded	University
1	<b>P.Karthikeyan</b> Ref.No18027/Ph.D1/ MB/FT/Oct/2011/ Dated:12.10.2011	Diversity of Actinobacteria from marine soils and their antifungal potential against paddy fungal pathogens <i>Athelia rolfsii</i> (Curzi) C.C.Tu & Kimbrough and <i>Cochliobolus lunatus</i> R.R.Nelson and Haasis	Degree Awarded <b>Highly Commended</b>	BARD-University Trichy
2	<b>R.Ambika</b> Ref.No.7275/Ph.D1 /MB/April2012 /PT/ Dt 03.04.2012	Polysphasic characterization of efficient strains of <i>Rhizobium</i> from maize field under different moisture conditions	Degree Awarded <b>Commended</b>	BARD-University Trichy
3	<b>G.Ashok</b> Ref.No.34479/Ph.D1/MB/PT/ Oct2012/ Dt:10.10.2012	Diversity of Fungi from coastal area of Tuticorin Dt Tamilnadu India and Antibacterial Potential against Fish Pathogens	Degree Awarded <b>Commended</b>	BARD-University Trichy
4	<b>M.Karnan</b> Ref.No.7899/Ph.D. K1/MB/FT/April2013/ Dated:03.04.2013	Cultivation and Biotechnological Application <i>Volvariella volvaceae</i> and <i>V.bombicyna</i> .	Degree Awarded <b>Commended</b>	BARD-University Trichy
5	<b>K.Soundari</b> Ref.No.17260/ Ph.D.K1/Micro/ July2014/ FT/ Dt 07.07.2014	Screening of pathogenic activity of the fungus <i>Beauveria bassiana</i> .	Degree Awarded <b>Highly Commended</b>	BARD-University Trichy
6	<b>M.Revathi</b> RefNo.45373/Ph.D.K1/ MB/PT/Janu2014/ Dt::17.12.2013	“Enhancement of Antibacterial Activity and Wound Healing Process using Plant Mediated Synthesis of Silver Nanoparticles”	Degree Awarded <b>Commended</b>	BARD-University Trichy
7	<b>R.Gopika</b> Ref.No.45361/Ph.D.K1 /MB/PT/Janu2014/ Dt:17.12.2013	Improvement of antidiabetic activity using Natural Vitamins and Minerals along with Probiotics.	Degree Awarded <b>Commended</b>	BARD-University Trichy
8	<b>M.Ratha</b> Ref.No.9112/Ph.D.K1/ MB/P.T/April2017/ Dt:31.03.2017.	Studies on the Marine Fungi And Their Biotechnological Applications.	Ongoing	BARD-University Trichy
9	<b>K.Sangeetha</b> Ref.No:16425/Ph.D.K1/ MB/P.T/Oct2017/ Dt:03.10.2017.	Cultivation, Evaluation of Biopotentials and Value added Products of <i>Pleurotus florida</i> .	Ongoing	BARD-University Trichy
10	<b>D.Manimekalai</b> Ref.No:32552/Ph.D.K5/ MB/F.T/Janu2019/ Dt:08.01.2019.	Biotechnological Approaches of Mycoflora isolated from soils Dhanushkodi, Rameshwaram island, Tamilnadu.	Ongoing	BARD-University Trichy

11	<b>T. Mayakannan</b> PhD/K5/DR03/211224164907 Dated:24/12/2021	Isolation and documentation of Mushroom Associated <i>Trichoderma</i> SP their molecular analysis against plant fungal pathogens.	Ongoing	BARD- University Trichy
12	<b>T. Pushpa</b> PhD/K5/DR13/220103153117 Reg.No:BDU2110282778916 Dated:03/01/2022	Efficacy of <i>Ganoderma lucidium</i> On the Post Covid-19 Pulmonary Infections Derived Microbes.	Ongoing	BARD- University Trichy
13	<b>Hasenmothi</b>	Mushroom Cultivation Technology	Ongoing	BARD- University Trichy

#### ANNEXURE – XII

#### PARTICIPATION IN ACADEMIC RESEARCH BODIES IN OTHER INSTITUTIONS: (Mention the period in the relevant column)

Name of the Institution	Academic Council	BOS	Research committee	Academic Audit committee	Member in University committee	Any other (specify)
Maruthupandiyar College. Thanajvur - 613 403	---	----	-----	-----	-----	DC Member

#### ANNEXURE – XIII

#### SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES

Sl.No.	Name of the Activity	Period
1	Food Preservation techniques Community food and nutrition Extention unit . Government of india – Madurai,	2 <sup>nd</sup> to 11 <sup>th</sup> Feb – 98
2	Medical lab techniques and testing method of sample	15 <sup>th</sup> to19 <sup>th</sup> – July 99
3	Animal census at Kodiakkarai wild life and birds sanctuary conducted by Tamilnadu forest Department	21 <sup>st</sup> to 23 <sup>rd</sup> March - 2000
4	Business Development Centre (Vermi compost preparation, Production & Sales ,Mushroom Cultivation Production & Sales, Bio fertilizer Production & Sales)	12 Dec 2021 Onwards

**MEMBERSHIP IN PROFESSIONAL BODIES**

<b>Name of the Professional Body</b>	<b>National/International</b>	<b>Period</b>
Member No LM-12-22, Mycological Society of India, Since 2022.	National	Since 2022.
National Academy of Biological Sciences (NABS) INDIA	National	Since Nov 2010.
Sri Pushpam Nature Club	WWF	July 1997

**ANNEXURE – XV****HONORS AND AWARDS RECEIVED**

2005 - 2006	Certificate of Merit ATTENDANCE award
2006- 2008	Tamilnadu State Council for Science and Technology (Collegiate Education Chennai) fellowship for Doctoral studies
2018-2019	Best Teacher award, A.V.V.M Sri Pushpam College (Auto), Poondi, Thanjavur Dist.

**Patents.****1.PATENT FOR WASTEWATER AND SLUDGE MINIMIZATION**Date of Application : **07/05/2021**Application No : **202141019297A** ISSUE NO : **19/21**NAME OF THE APPLICANT : **K.A.SHEIKSYEDISHACK, Dr.G.SENTHILKUMAR** and 13 Members.**2.PATENT FOR COMPOSTING COMPRISING GANODERMA LUCIDUM POLYSACCHARIDE PEPTIDE AND THERAPEUTIC APPLICATIONS THERE OF**Date of Application : **07/05/2021**Application No : **202141019306 A** ISSUE NO : **19/21**NAME OF THE APPLICANT : **Dr.M.NITHYA, Dr.G.SENTHILKUMAR** and 13 Members.