



**A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS),
POONDI – 613 503, THANJAVUR DT.**

STAFF PROFILE AS ON: 20.11.2018



1.	Name of the staff	:	Dr. S.VIJAYAKUMAR										
2.	Designation	:	ASSISTANT PROFESSOR										
3.	Academic qualification	:	MSc.,Mphil.,Ph.D.,										
	COURSE		UG	PG	M.PHIL.	PH.D.							
	Year		1999	2002	2003	2006							
	College & University		A.V.V.M Sri Pushpam College, Bharathidasan University	A.V.V.M Sri Pushpam College, Bharathidasan University	A.V.V.M Sri Pushpam College, Bharathidasan University	A.V.V.M Sri Pushpam College, Bharathidasan University							
4.	Date of Birth & Age	:	20.04.1979 & 39										
5.	Date of Appointment	:											
			Self-Finance	:	D	D	M	M	Y	Y	Y	Y	
			FIP	:	0	1	0	7	2	0	0	2	
			Aided	:	2	3	1	1	2	0	0	7	
6.	Total Service	:	14										
7.	Teaching Experience in Completed years	:	UG	17	PG	15	M.Phil	13					
8.	Residential Address	:	87, K.V.N. Nagar, Reddipalayam Road, Thanjavur-9										
			Mobile Number	:	09003311921/09443865923								
			E-mail Address	:	svijaya_kumar2579@rediff.com								
			Aadhar Number	:	4306 7367 1662								
			PAN Number	:	AHPPV9540A								
9.	No. of orientation/Refresher courses and Training programmes attended		4		Annexure – I								
10.	Whether FDP availed, if yes, furnish details		No		Annexure – II								
11.	No. of seminars attended		5		Annexure – III								
12.	No. of papers presented		17		Annexure – IV								
13.	No. of papers published		81		Annexure – V								
14.	No. of Books published		No		Annexure – VI								
15.	No. of Guest lecture delivered in other institutions		15		Annexure – VII								
16.	No. of research projects undertaken		Minor	1	Major	2	others (Specify)		Annexure –VIII				
17.	No. of Seminars organized		No		Annexure – IX								
18.	No. of M.Phil. Scholars Guided		Completed	25	ongoing	1	Annexure-X						
19.	No. of Ph.D. scholars Guided		Awarded	11	ongoing	5	Annexure-XI						
20.	Participation in Academic Research Bodies in other institutions				Annexure – XII								
21.	Service rendered in academic / Extracurricular / Extension activities within the college other than teaching				Annexure – XIII								
22.	Service rendered in professional bodies outside the college				Annexure – XIV								
23.	Honors/Awards received				Annexure – XV								

Signature of the Staff

DETAILS OF ORIENTATION, REFRESHER COURSES AND TRAINING PROGRAMMES ATTENDED:

S. No.	COURSE	UNIVERSITY	PERIOD	TITLE
1.	Orientation	Bharathidasan University, Trichy	Nov.1-28, 2008	UGC-Human Resource Development Centre
2.	Refresher	Tamil University, Thanjavur	Oct.22- Nov.12, 2010	Climatic change and sustainable development
3.	Refresher	Bharathidasan University, Trichirappalli	Oct-15, 2017- Nov-26, 2017	UGC-Human Resource Development Centre.

ANNEXURE – II

WHETHER FDP AVAILED, IF YES, FURNISH DETAILS:

S. No.	Name of the institution	Period of study	Date of submission	Awarded
1.	-	-	-	-

ANNEXURE – III

SEMINARS/CONFERENCES, SYMPOSIA, WORKSHOPS, ETC ATTENDED:

S. No.	Title of the Seminars/Conferences, Symposia, Workshops	Level (State/National/ International)	Sponsoring Agency and Name of the Institution	Date
1.	Recent advances in agriculture Microbiology	National	UGC sponsored, A.V.V.M. SPC, Poondi.	Jan, 8, 10, 2003.
2.	Natural Farming and Medicinal Plants	National	A.V.V.M. SPC, Poondi.	Dec, 13-14, 2004
3.	Preparation of tonic, syrup from medicinal plants	State	A.V.V.M. SPC, Poondi.	Aug 1-3, 2003
4.	Methods of medicinal plants cultivations	State	A.V.V.M. SPC, Poondi.	Dec, 13-14, 2004
5.	Genomics & proteomics	National	Dhanalakshmi Srinivasan College, Perambalur	Feb. 15-25, 2004

ANNEXURE – IV

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

S. No.	Title of the Seminars/Conferences, Symposia, Workshops	Level (State/National/ International)	Sponsoring Agency and Name of the Institution	Date
1.	Biodiversity of cyanobacteria in Industrial effluents	International symposium	Seaweeds Research Utilization & AVVM SPC, Poondi.	Feb. 24-25, 2006
2.	Role of cyanobacteria in Industrial effluents	International conference	Hindustan College, Chennai	Aug. 30-31, 2010.
3.	Effect of seaweed liquid fertilizer on <i>Sesamum indium L.</i>	National Conference	Annamalai University Chidambaram	Oct.23-25, 2010
4.	Bio processing of anti microbial textiles using methanolic extract of prickly flower.	International Conference	PSG college – Coimbatore	Dec 12-16 2010
4.	Survey of cyarobacterial populations in different effluent streams.	International conference	Ethiraj College, Chennai.	Jan. 24-26, 2011

5.	Survey of Cyanobacteria from rubber industry effluent.	International Symposium	ANJA College, Sivakasi	Aug.20-23, 2011
6.	Bio processing of cotton fabrics using medicinal plants.	International Symposium	PSG college – Coimbatore	Dec12-16, 2011
7.	Control of microorganism causing dental carries using medicinal plants.	International Conference	St.Joseph College, Trichy	Dec 17,18 2011
8.	Control of microorganism causing dental carries using plant extracts	International conference	Coloumbu University, Sri Lanka	Dec.19-23, 2011
9.	Survey of Cyanobacteria in temple and monuments from thanjavur district.	National Symposium	Jamal mohammed college, Trichy	Feb.17-19, 2012
10.	Studies on diversity of cyanobacteria from temple and monuments in Thanjavur district	International conference	Dhanalakshmi srinivasan college, Perambalur	Aug. 30 – 2012
11.	Antibacterial activities some medicinal plants from Western Ghats of India.	International Conference	ANJA College, Sivakasi	Sep 6-8 2012
12.	Bioprocessing of cotton fabrics for the development of antimicrobial textiles using methanolic extracts of prickly chaff flower	International conference	PSG college – Coimbatore	Dec. 12-16, 2012
13.	Antimicrobial activity of Cyanobacteria using <i>in vitro</i> and <i>in silico</i> analysis	International conference	Indian institute of Science, Bangalore	Jul.6-7, 2013
14.	<i>In silico</i> drug discovery from Cyanobacteria-	International conference	Indian institute of Science, Bangalore	Sep.16-17, 2013
15.	Drug discovery from Cyanobacteria using modern approach.	International Conference	Rajiv Ganthi Research Centre, Mouritious	Nov 8-11 2013
16.	<i>In silico</i> studies Antigen-E (Hepatitis B) against principal components of 12 medicinal plants	International Conference	PITS Pilani institute–Dubai	Oct. 29-30 2014
17.	Synthesis and application of Chitosan nanoparticles for the development of antibacterial health care textiles	International Conference	University of Barcelona (Spain)	Oct. 29-30 2015

ANNEXURE – V

RESEARCH PAPERS PUBLISHED:

S. No.	Title of the Paper	Authors	Journal	Pages	Year
1.	Role of Cyanobacteria in the treatment of dye industry effluent	Vijayakumar, S. , Thajuddin, N., and Manoharan, C.	Enviromedia	69-74	2005
2.	Influence of dye effluent on the amino acid fatty acid content of Cyanobacteria	Vijayakumar, S. , Thajuddin, N., and Manoharan, C.	Asian Journal of Microbiology, Biotechnology & Environmental Sciences	525-528	2007
3.	Biodiversity of Cyanobacteria in industrial effluents	Vijayakumar, S. , Thajuddin, N., and Manoharan, C.	Acta botanica malacitana	27-34	2007
4.	Studies on effect of Gracilaria verrucosa extracts as liquid biofertilizer on Sesamum indicum	Gandhimaniyan, K., Jeyachandran, S., Manoharan, C., Vijayakumar, S.	Seaweed Res. Utiln	63-68	2010
5.	Survey of Cyanobacteria diversity from the different freshwater ponds of Thiruvarur, TamilNadu, India	Gomathi, R., Deepa, P., Manoharan, C., Jeyachandran, S., Vijayakumar, S.	Indian Hydrobiology	75-83	2011
6.	Survey of Epilithic Cyanobacteria on the Temple walls of Thanjavur, District,	Deepa, P., Jeyachandran, S., Manoharan, C., Vijayakumar,	World journal of Science and	28-32	2011

	TamilNadu, India	S.	Technology		
7.	In-Silico analysis of most suitable drug for pathogenic bacteria causing periodontitis	Mathumathi, V., Vijayakumar, S.	International journal of Pharmaceutical sciences and research	942-946	2011
8.	Antimicrobial activity of Cyanobacteria isolated from fresh water Lake	Mathumathi, V., Deepa, P., Jayachandran, S., Manoharan, C., and Vijayakumar, S.	International journal of microbiological research	213-216	2011
9.	Purification and optimization of uricase enzyme produced by pseudomonas aeruginosa	Anderson,A., and Vijayakumar, S.	Journal of Experimental Sciences	5-8	2011
10.	Microbial diversity in rubber Industry effluent	Senthil, P., Jeyachandran, S., Manoharan,C., and Vijayakumar, S.	International journal of pharmacy and biological sciences	123-131	2012
11.	Clinical practice of recombinant human Erythropoetin in cancer related anemia	Vijayakumar, S. , and Thilaka, G.K.	International journal of Pharmaceutical sciences and research	987-992	2012
13.	Isolation and screening of biosurfactant producing microorganisms from oil contaminated soil	Saravanan, S., and Vijayakumar, S.	Journal of Academia and Industrial Research	264-268	2012
14.	Effect of combinatorial antibacterial finish on cotton fabric	Chanrasekar, S, Vijayakumar, S and Rajendran, R.	International journal of advances in science and technology	84-91	2012
15.	Treatment of dye industry effluent using free and immobilized Cyanobacteria	Vijayakumar, S , Manoharan, C.	Bioremediation & Biodegradation.	1-6	2012
16.	Impact of rubber industry effluent on the amino acid and fatty acid content of Cyanobacteria	Senthil, P., Jeyachandran S., Manoharan, C., and Vijayakumar, S.	Pelagia research library	266-269	2012
17.	Removal of pollutant from sugarcane mill effluent by using absorbent and microfloras	Madhumathi ,V., and Vijayakumar, S.	International journal of medicine and biosciences	61-65	2012
18.	Agroecological survey of heterocystous Cyanobacteria in Thanjavur, India	Madhumathi, V., Deepa, P., and Vijayakumar, S.	Pelagia research library	530-534	2012
19.	Anti-Inflammatory activity of Morinda tinctoria on Carrageenan induced paw edema	Prabhu, S., Chandrasekar, S., and Vijayakumar, S.	International Journal of Medicine and Biosciences	55-60	2012
20.	Studies on cyanobacterial population in industrial effluents	Vijayakumar, S. , Jayachandran, S., and Manoharan, C.	Journal of Alagal Biomass Utilization	39-45	2012
21.	Potential Applications of Cyanobacteria in Industrial Effluents-A Review	Vijayakumar, S.	Bioremediation & Biodegradation	1-4	2012
22.	Screening of ethnomedicinal plants for antibacterial activity	Vijayakumar,S. , Chandrasekar, S., and Prabhu, S.	International journal of medicine and pharmaceutical sciences	11-20	2013
23.	Studies on diversity of Cyanobacteria from temples and Monuments in India	Bhavani, B., Manoharan, C., and Vijayakumar, S.	International journal of medicine and pharmaceutical sciences	21-32	2013

24.	Herbal-Chitosan nanocomposites for durable antibacterial finishing on cotton materials	Chandrasekar, S., Vijayakumar, S. , Rajendran, R., Rajesh, R., and Elayarajah, B.	International Journal of Biopharmaceutics	219-224	2013
25.	Stimulation and Production of erythropoietin and erythropoietin gene expression system	Vijayakumar, S. , and Thilaka, G.K.	International Journal of Pharmaceutical Sciences Review and Research	150-154	2013
26.	Antibacterial activities of some medicinal plants from Western Ghats of India	Vijayakumar, S. , Chandrasekar, S., and Prabhu, S.	Pelagia Research Library	3-8	2013
27.	Cyanobacteria in biological soil crust of Thanjavur and Thiruvavur Districts in TamilNadu, India	Sakthidevi, S., Vijayakumar, S. , and Jeyachandran, S.	International Journal of Agricultural science and Research	59-66	2013
28.	Survey of cyanobacterial flora from samuthiram lake of Thanjavur, TamilNadu, India	Madhumathi, V., and Vijayakumar, S.	Journal of Algal Biomass Utilization	70-79	2013
29.	Antimicrobial activity of Cyanobacteria using In-Vitro and In Silico analysis	Madhumathi, V., and Vijayakumar, S.	International journal of Medicine and Biosciences	9-15	2013
30.	In vitro cytotoxicity perspective of diazepinomicin (ECO-4601) on human hepatoma cell line (HEPG2)	Rambabu, V., and Vijayakumar, S.	Bimedicine and Aging Pathology	65-70	2013
31.	Tasiamide-B a new cyanobacterial compound for treating skin cancer	Vijayakumar, S. , and Menagha, M.	Biomedicine and Preventive Nutrition	355 – 358	2013
32.	In silico prediction of anticancer cyanobacterial drug from Nostoc,	Sangeetha, M., Menagha, M., and Vijayakumar, S.	Journal of biome and pre nutrition	71-73	2014
33.	Prediction of new cyanobacterial drug for treating lung cancer	Vijayakumar, S. , and Menagha, M.	Bimedicine and Aging Pathology	65-70	2014
34.	Application of chitosan and herbal nanocomposites to develop antibacterial medical textile	Chandrasekar, S., Vijayakumar, S. , and Rajendran, R.	Bimedicine and Aging Pathology	59-64	2014
35.	Cytotoxic and Apoptotic Nature Of Migrastatin, A Secondary Metabolite From Streptomyces Evaluated On Hepg2 Cell Line.	Rambabu, S., Suba, S., Manikandan, P., Vijayakumar, S.	International Journal of Pharmacy and Pharmaceutical Sciences	333-338	2014
36.	Production of biosurfactant by Pseudomonas aeruginosa PB3A using agro industrial wastes as a carbon source.	Saravanan, V., and Vijayakumar, S.	Malaysian Journal of Microbiology	57-62	2014
37.	Antidiabetic, Hypolipidemic and Histopathological analysis of Gymnema sylvestre R.Br leaves extract on streptozotocin induced diabetic rats	Prabhu, S., Vijayakumar, S.	Biomedicine and Preventive nutrition	425-430	2014
38.	Computational Analysis of Oral Disease (Periodontitis) for Drug Targets	Madhumathi, V., Vijayakumar, S.	BMR Bioinformetrics & Cheminformatics	1-6	2014
39.	Bioactive Potential of Seagrass Extracts Against Dengue Fever Mosquito	Vijayakumar, S. , Manakha, M., Anderson, A., Lingakumar, L.	BMR Parasitology	1-10	2014

40.	Bioactivity of sea grass against the malarial fever mosquito <i>Culex quinquefasciatus</i>	Vijayakumar, S., Andeson, A.	Asian Pacific Journal of Tropical Disease	287-291	2014
41.	An ethnobotanical study of medicinal plants used by traditional healers in Silent valley of Kerala, India	Movin yabesh, J.E., Prabhu, S., and Vijayakumar, S.	Journal of Ethnopharmacology	774-789	2014
42.	<i>Gymnema sylvestre</i> – A Key for Diabetes Management – A Review	Vijayakumar, S., Prabhu, S.	Pharmacology & Toxicology Research	1-10.	2014
43.	Synthetic human erythropoietin gene-Construction, cloning and Sequencing.	Vijayakumar, S., Thilaka, G.K.	International Journal of Pharmaceutical Sciences Review and Research	26 (2).	2014
44.	Identification of novel cyanobacterial compounds for oral disease through invitro and insilico approach	Madhumathi, V., Vijayakumar, S.	Biomedicine & Aging Pathology	223 – 228	
45.	Role of Cyanobacteria in Biodeterioration of historical monuments- A Review	Vijayakumar, S.	BMR Microbiology	1-13	2014
46.	Homology and conservation of amino acids in E-protein sequences of dengue serotypes	Vijayakumar, S., Ramesh, V.	Asian Pacific Journal of Tropical Disease	670-674	2014
47.	Documentation and quantitative analysis of the local knowledge on medicinal plants in Kalrayan hills of Villupuram district, Tamil Nadu, India.	Prabhu, S., Vijayakumar, S., MorvinYabesh, J.E., Ravichandran, K., Sakthivel, B.	Journal of ethnopharmacology	7-20	2014
48.	Simultaneous enhancement of transparent and antibacterial properties of ZnO films by suitable F doping.	Snega, S., Ravichandran, K., Baneto, M., Vijayakumar, S.,	Journal of Materials Science & Technology	759 – 765	2014
49.	Antimicrobial and anti-proliferative prospective of Kosinostatin-A secondary metabolites isolated from streptomyces spp. Antimicrobial and anti-proliferative prospective of Kosinostatin-A secondary metabolites isolated from streptomyces spp.	Rambabu, V., Suba, S., Vijayakumar, S.,	Journal of Pharmaceutical analysis	378 – 382	2015
50.	Quantitative ethnomedicinal study of plants used in the Nelliampathy hills of Kerala, India.	Vijayakumar, S., MorvinYabesh, J.E., Prabhu, S. Manikandan, R., Muralidharan, B.,	Journal of Ethnopharmacology	238–254.	2015
51.	Ethnozoological study of animals used by traditional healers in Silent Valley of Kerala, India.	Vijayakumar, S., MorvinYabesh, J.E., Prabhu, S., Ayyanar, M., Damodaran, R.	Journal of Ethnopharmacology	296–305.	2015
52.	Pharmacophoric nature of cyanobacterial drugs- A review	Vijayakumar, S., Menagha, M.,	Journal of Acute Medicine	15-23	2015
53.	A quantitative ethnozoological study of traditionally used animals in Pachamalai hills of Tamil Nadu, India.	Vijayakumar, S., Prabhu, S., MorvinYabesh, J.E. Pragashraj, R.	Journal of Ethnopharmacology	51–63.	2015
54.	Antigenicity of E and NS proteins of dengue serotypes and their potentiality to elicit specific antibody	Ramesh, V., Vijayakumar, S.	Asian Pacific Journal of Tropical Disease	47-50	2015

55.	Analysis of E and NS proteins of dengue serotypes and identification of active binding sites for drug molecule	Ramesh, V., Vijayakumar, S.	Asian Pacific Journal of Tropical Disease	33-41	2015
56.	Quantitative traditional knowledge of medicinal plants used to treat Livestock diseases from Kudavasal taluk of Thiruvavur district, Tamil Nadu, India.	Parthiban, R., Vijayakumar, S. , Prabhu, S., Morvin Yabesh, J.E.,	Brazilian journal of Pharmacognosy	109-121.	2015
57.	Simultaneous Enhancement of Transparent and Antibacterial Properties of ZnO Films by Suitable F Doping	Snega, S., Ravichandran, K., Baneto, M., Vijayakumar, S.	Journal of Materials Science & Technology	759e765	2015
58.	In Silico Analysis of HLA Polymorphism of Dengue Virus Serotypes	Ramesh, V. Vijayakumar, S.	Journal of Pharmaceutical and Medicinal Research	31-35	2016
59.	A review on pharmacological use of recombinant human erythropoietin in renal and non-renal anemia and other potential applications in clinical practice	Thilaka, G.K., and Vijayakumar, S.	Biomedicine and Preventive Nutrition	-	2016
60.	Quantitative ethnobotanical survey of traditional Siddha medical practitioners from Thiruvavur district with hepatoprotective potentials through insilico methods	Harikrishnan, J.P., Vijayakumar, S. , Prabhu, S., Manogar, P.	Achievements in the Life Sciences	-	2016
61.	Ethnobotanical Study of Traditionally Used Medicinal Plants in Malayali Ethnic People of Pachamalai Hills, Tamil Nadu, India	Prabhu, S., Vijayakumar, S.	Journal of Pharmaceutical and Medicinal Research	39-42	2016
62.	Potential therapeutic targets and the role of technology in developing novel cannabinoid drugs from cyanobacteria	Vijayakumar, S. , Manogar P., Prabhu, S.	Biomedicine & Pharmacotherapy	362-371	2016
63.	Review on potential phytochemicals in drug development for Parkinson disease: A pharmacoinformatic approach	Vijayakumar, S. , Prabhu, S., Rajalakshmi, S., Manogar, P.	Informatics in Medicine Unlocked	-	2016
64.	Novel ligand-based docking; molecular dynamic simulations; and absorption, distribution, metabolism, and excretion approach to analyzing potential acetylcholinesterase inhibitors for Alzheimer's disease.	Vijayakumar S. , Manogar P, Prabhu S, Sanjeev Kumar Singh,	Journal of Pharmaceutical Analysis	132-139	2017
65.	Anti-diabetic activity of quercetin extracted from <i>Phyllanthus emblica</i> L. fruit: <i>In silico</i> and <i>in vivo</i> approaches.	Prabhu S, Vijayakumar S. , Swaminathan K, Manogar P,	Journal of Pharmaceutical Analysis	325-332	2017
66.	Mosquito Larvicidal and Pupicidal Activity of <i>Tephrosia purpurea</i> Linn. (Family: Fabaceae) and <i>Bacillus sphaericus</i> against, Dengue Vector, <i>Aedes aegypti</i> .	Ramesh V, Vijayakumar S. , Manogar Palani, Mahadevan S, Prabhu S, Murugan R, (2017)	Pharmacogn Journal	737-742	2017
67.	Traditional plants used for the treatment of gynaecological disorders in Vedaranyam taluk, South India – An ethnomedicinal survey. Journal of Traditional and Complementary	Balamurugan S, Vijayakumar S. , Prabhu S, Morvin Yabesh, J.E.	Journal of Traditional and Complementary Medicine	1-16.	2017

68.	In silico prediction of monovalent and chimeric tetravalent vaccines for prevention and treatment of dengue fever,	Vijayakumar S, Ramesh V, Prabhu S, Manogar P.	The Journal of Biomedical Research	1–15.	2017
69.	Green synthesis of silver nano particles from <i>Atalantia monophylla</i> (L) Correa leaf extract, their antimicrobial activity and sensing capability of H ₂ O ₂ . Microbial Pathogenesis	Mahadevan S, Vijayakumar S , Arulmozhi P	Microbial Pathogenesis	445-450.	2017
70.	Molecular Docking, ADMET analysis and Dynamics Approach to Potent Natural Inhibitors against SEX Hormone Binding Globulin in Male Infertility	Morvin yabesh J.E., Vijayakumar S , Arulmozhi P.K., Mahadevan S, Manogar P,	Pharmacogn Journal	73-76	2018
71.	<i>In silico</i> and <i>in vitro</i> Studies on <i>Lyngbya majuscula</i> using against Lung Cancer Cell Line (A549)	Sangeetha M, Vijayakumar S , Prabhu S, Manogar P,	Pharmacogn Journal	73-78	2018
72.	Biosynthesis, characterization and antimicrobial activities of zinc oxide nanoparticles from leaf extract of <i>Glycosmis pentaphylla</i> (Retz.) DC. Microbial Pathogenesis	Vijayakumar S , Krishnakumar C, Arulmozhi P, Mahadevan S, Parameswari N,	Microbial Pathogenesis		
73.	Molecular docking and ADME properties of bioactive molecules against Human acid-beta-glucosidase enzyme, cause of Gaucher's disease	Vijayakumar S, Sathiya M, Arulmozhi P , Prabhu S, Manogar P	In silico pharmacology	(Springer), Accepted.	2018
74.	Green synthesis of zinc oxide nanoparticles using <i>Atalantia monophylla</i> Leaf extracts: Characterization and antimicrobial analysis	S. Vijayakumar , S. Mahadevan, P. Arulmozhi , S. Sriram , P.K. Praseetha	Materials Science in Semiconductor Processing	39–45	2018
75	<i>In silico</i> and <i>in vitro</i> Studies on <i>Lyngbya majuscula</i> using against Lung Cancer Cell Line (A549)	Sangeetha Muniaraj, Vijayakumar Subramanian , Prabhu Srinivasan, Manogar Palani,	<i>Pharmacognosy Journal</i>	421-428	2018
76	Phytochemical analysis and antimicrobial activities of <i>Atalantia monophylla</i> (L) Correa and <i>Atalantia racemosa</i> Wight and Arn,	Mahadevan Subramaniyan, Vijayakumar Subramaniyan , Arulmozhi Praveenkumar	<i>J of Microbial pathogenesis</i>	DOI: 10.2174/1573407214666180521105026	2018
77.	Phytochemical analysis and antimicrobial activity of some medicinal plants against selected pathogenic microorganisms	P. Arulmozhi, S. Vijayakumar , T. Kumar,	<i>J of Microbial pathogenesis</i>	219–226	2018
78	Identification and isolation of antimicrobial compounds from the flower extract of <i>Hibiscus rosa-sinensis</i> L: Insilico and in vitro approaches, microbial Pathogenesis,	J.E. Morvin Yabesh, S. Vijayakumar , P. Arulmozhi, P.K. Praseetha,	<i>J of Microbial pathogenesis</i>	10.1016/j.micpath.2018.08.003.	2018
79	Screening the antimicrobial potential of twelve medicinal plants against venereal diseases causing pathogens	Morvin Yabesh J.E., Vijayakumar S , Arulmozhi P., Rajalakshmi S	Acta Ecologica Sinica	xxx–xxx.	2018
80	Ethnobotanical survey of medicinal plants in Thanjavur and its surrounding (Tamil Nadu - India)	S. Rajalakshmi, S. Vijayakumar , P. Arulmozhi	Acta Ecologica Sinica	xxx–xxx.	2018

81	Effect of seaweed liquid fertilizer on yield and quality of <i>Capsicum annum</i> L	S. Vijayakumar , S. Durga devi, Arulmozhi. P, Rajalakshmi, S, Gopalakrishnan. T, Prameaswari	Acta Ecologica Sinica	Accepted	2018
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BOOKS PUBLISHED:

S. No.	Name of the Book / Title of the Article / Book / Editor	Publisher	Place and year of publication
1.	-	-	-

ANNEXURE – VII

GUEST LECTURES DELIVERED:

S. No	Lecture title with College name
1.	Acted as a resource person gave special lectures on Role of Cyanobacteria in industrial effluents at Govt. Arts College, Karur.
2.	Potential application of cyanobacteria in biotechnology at Tamil University, Thanjavur.
3.	Global warming and its effect on biodiversity at DG Vaishnava college, Chennai.
4.	Global environmental changes at Tagoore college, Chennai.
5.	Cyanobacteria as a emerging source for drug discovery at A.N.J.A College, Sivakasi.
6.	Research in current affairs on Cyanobacteria at Raja's College, Pudukkotai.
7.	Current trends in conservation of Biodiversity at Arignar Anna Govt. college Viluppuram.
8.	Nutraceutical and nutritional foods in human health development of SCP at Selvamm arts and science college, Namakkal.
9.	Climate changes: Strategizing the conservation of Biodiversity, St. Andrews college, Gorakhpur.
10.	Single Cell Protein AVC College, Mayiladuthurai.
11.	Role of Cyanobacteria as a Single cell protein in human health, Selvamm arts and science college, Namakkal.
12.	Using of medicinal plants for the treatment of different plant, Veterinary University, Nagapattinam.
13.	Identification of medicinal plants used in veterinary practices, Veterinary College and Research Institute, Orathanadu.
14.	Uses of Medicinal plants for treatment of different animals, Veterinary College and Research Institute, Orathanad.
15.	Climate Changes ; Strategizing the conservation of Biodiversity, Arulmigu Palaniandavar Arts College for Women (APACW), Palani
16.	Importance of ethnoveterinary medicinal plants and their healing properties, Veterinary College and Research Institute, Orathanad.
17.	The Role of functional foods and supplements for human health developments of Cyanobacteria. Meenaakshi Ramasamy Arts And Science College, Thathanur,

RESEARCH PROJECTS – ONGOING AND COMPLETED:

S.No	Title of the project	Minor/ Major	Name of the Funding Agency	Period	Amount Sanctioned	UC submitted If yes, Date and year
1.	Bioremediation studies on industrial effluents	Minor	UGC	2009-2011	1,30,000	14.05.11
2.	Pharmacophoric analysis and discovery of new drugs from cyanobacteria	Major	UGC	2012-2015	10,39,200	01.02.16
3.	Computational biological studies on cyanobacteria as emerging source for the cannabinoid receptor in immune regulation	Major	DST-SERB	2015-2018	20,66,000	Completed

ANNEXURE – IX

SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOP ORGANIZED :

S.No	Title of the Seminar/Conference/ Symposia/Workshop	Name of the sponsoring Agency	Amount Sanctioned	Period	UG submitted If yes, Date and year
1.	-	-	-	-	-

ANNEXURE – X

RESEARCH EXPERIENCE (M.Phil.) – GUIDED AND GUIDING:

S. No.	Name	Title of thesis	Year of study
1.	C. Madipillai	Biodiversity of 10 cyanobacteria from freshwater ponds, Saliyamangalam, Thanjavur.	2006
2.	S. Antoniammal	Effect of Agrobacterium and Rhizobium on legumes	2006
3.	S. Yoheswari	Studies on freshwater Cyanobacteria	2006
4.	R. Kadalkanni	Bioremediation studies on Dye industry effluent using <i>Westiellopsis prolifica</i>	2006
5.	A. Anbazhagan	Bioremediation studies on oil refinery industry effluent using <i>Oscillatoria earli</i>	2006
6.	T. Gopalakrishnan	Role of 10 cyanobacteria in sugar mill effluent	2007
7.	K. Christinmary	Studies on Automobile Effluent with reference to Biodiversity and Treatment	2007
8.	T. Lakshmi	Studies on freshwater 10 cyanobacteria from different Temple ponds, Thiruvarur	2007
9.	P. Chandrasekaran	Studies on chemical industry effluent with reference to heavy metal removal using free and immobilized Cyanobacteria	2007
10.	G. Ganapathyselvam	Bioremediation studies on distilleries effluent using Cyanobacteria	2008
11.	K. Kannan	Role of cyanobacterium, <i>Synechococcus elongates</i> N ^o g in Starch effluent	2008
12.	J. Kasthuri	Interaction between coirpith effluent and the cyanobacterium <i>Oscillatoria acuminata</i>	2008
13.	G. Thenmozhi	Studies on isolation and characterization of <i>Rhizobium</i> and <i>Azotobacter</i> with comparative nodulation test	2009
14.	S.K. Karthik	Studies on oral flora from infected root canal system	2009
15.	R. Gomathi	Survey of cyanobacterial diversity from different ponds, Mannargudi, Thiruvarur district, Tamil Nadu.	2010
16.	K. Gandhimaniyan	Studies on the effect of <i>Gracilaria verrucosa</i> extract as liquid biofertilizer on <i>Sesamum indicum</i> L.	2010
17.	P. Deepa	Studies on diversity of Cyanobacteria from temples in Thanjavur District	2011

18.	S. Prabhu	Survey of ethnomedicinal plants from theni forest with special reference to <i>gymnema sylvestre R.Br.</i>	2013
19.	J.P. Harikrishnan	Screening of medicinal plant compounds against hepatitis-B virus using computational approach	2015
20.	R. Partiban	Quantitative traditional knowledge of medicinal plants used to treat Livestock diseases from Kudavasal taluk of Thiruvavur district, Tamil Nadu, India	2016
21.	S. Balamurugan	Traditional plants used for the treatment of gynaecological disorders in Vedaranyam taluk, South India- An ethnomedicinal survey	2016
22.	S. Kasthuri	Identification and screening of alternate anti-epileptic novel drugs by the investigation of Molecular docking and ADME properties	2017
23.	P. Manivannan	Screening the antimicrobial efficacy from medicinal plant leaf extracts with emphasis on Computational analysis	2018

ANNEXURE – XI

RESEARCH EXPERIENCE (Ph.D.) – AWARDED, SUBMITTED AND GUIDING :

S. No	Name	Title of the thesis	Year of study
1.	A. Anderson	Studies of Uricase production by bacteria from different habitats.	2012
2.	P. Senthil	Studies on rubber industry effluent with emphasis on Microbial diversity and bioremediation.	2013
3.	V. Mathumathi	Survey of Cyanobacteria population from Samuthiram Lake, Thanjavur with emphasis on Bioactive compounds.	2014
4.	S. Chandrasekar	Application of Chitosan-herbal composites for the fabrication of antimicrobial cotton fabric used in healthcare textiles.	2014
5.	V. Saravanan	Studies on Bio-surfactant Bacteria from petroleum contaminated soil with species reference to bioremediation.	2014
6.	G.K. Thilaka	Cloning and expression of human erythropoietin gene in <i>Pichia pastoris</i>	2016
7.	M. Sangeetha	Prediction of cyanobacterial drugs for treating various types of cancer	2016
8.	V.Rambabu	Anticancer activity of bioactive compounds from mangroove actinomycetes against HepG2 cell lines	2016
9	S. Prabhu	Survey of Ethnomedicinal plants in Pachamalai Hills, Eastern Ghats and Evaluation of Anti-diabetic potential of selected plants	2017
10	V. Ramesh	Studies on the anti dengue herbal drugs for the treatment and <i>in silico</i> development of peptide vaccine for prevention of dengue	2018
11	J.E.Morvinyabesh	Identification and characterization of antimicrobial compounds from selected ethnomedicinal plants of Silent Valley (Western Ghats, Kerala) with emphasis on Venereal diseases	2018
12	P.Manogar	Computational Biological Studies on Cyanobacteria as Emerging source for Cannabinoid receptor in immune regulations.	2018 (Synopsis submitted)

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

Sl.No	Name of the Institution	Academic council	BOS	Research committee	Academic audit committee	Member in university committee	Any other (Specify)
1.	Govt. Arts College, Kumbakonam			2010-13			
2.	MRG College, Mannargudi			2013-15			
3.	Govt. Arts College For Women, Pudukkottai			2013-16			
4.	Jamal Mohamed College, Trichy			2013-16			
5.	Bharathidasan university, Trichy			2015-17			

ANNEXURE – XIII

SERVICE IN ACADEMIC / EXTRA CURRICULAR / EXTENSION ACTIVITIES :

S. No	Name of the Activity	Period
1.	Acted as chief superintendent in distance education at Bharathidasan University, Trichy -	2009-2010

ANNEXURE – XIV

MEMBERSHIP IN PROFESSIONAL BODIES:

S. No.	Name of the professional Body	National / International	Period
1.	Indian Hydrobiology	National	2012-2014
2.	Korean Journal of Microbiology	International	2013-2014
3.	Current Science	National	2014-2019
4.	Seaweed Research and Utilization	National	Life time

ANNEXURE – XV

HONORS AND AWARDS RECEIVED:

- Best Paper Award – Seaweeds Research Utilization A.V.V.M. Sri Pushpam College, Poondi (2006).
- Best Project Proposal (Stipend) – Tamil Nadu State Council Science & Technology (2006).
- Leading scientist of the world given by IBC –England (2011).
- Best paper Award given by University of Colombo- Sri Lanka (2011).
- Young scientist award given by Washington University-USA (2012).
- Innovative research award given by Rajiv Gandhi research centre- Mauritius (2013).
- Best paper award from IISCB- Bangalore (2013).
- Best work award from University of Barcelona- Spain (2015).
- Best chairperson award from University of Malaga, Malasiya (2016).