



**A.V.V.M. SRI PUSHPAM COLLEGE
(AUTONOMOUS),
POONDI - 613503, THANJAVUR - DT.
STAFF PROFILE as on: 01.06.2018**



1	Name of the Staff	:	DR.V.THIRUMURGAN											
2	Designation	:	ASSISTANT PROFESSOR OF CHEMISTRY											
3	Academic Qualification	:	M.Sc.,PH.D., PGDCA.,											
	Course		UG			PG			M.PHIL.			PH.D.		
	Year		1988			1991						2007		
	College & University		ST.JOSEPH'S COLLEGE TRICHY BHARATHIDASAN UNIVERSITY			A.V.V.M SRI PUSHPAM COLLEGE POONDI BHARATHIDASAN UNIVERSITY						A.V.V.M SRI PUSHPAM COLLEGE POONDI BHARATHIDASAN UNIVERSITY		
4	Date of Birth & Age	:	15.03.1968, 51Yrs											
						D	D	M	M	Y	Y	Y	Y	
5	Date of Appointment	:	Self - Finance		:	0	1	1	1	1	9	9	6	
			FIP		:									
			Aided		:	2	3	1	1	2	0	0	7	
6	Total Service	:	21yrs											
7	Teaching Experience in completed years	:	UG	21	PG	20	M.Phil.	20						
8	Residential Address	:	16,RAJAN ROAD, VAYALURAN ILLAM, SRINIVASPURAM,THANJAVUR -613009.											
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	E-Mail Address	:	drv.thirumurugan@gmail.com											
9	No. of Orientation / Refresher Courses and Training Programmes attended	:	4	Annexure - I										
10	Whether FDP availed, if yes, furnish details	:		Annexure - II										
11	No. of Seminars attended	:	19	Annexure - III										
12	No. of Papers Presented	:	11	Annexure - IV										
13	No. of Papers Published	:	26	Annexure - V										
14	No. of Books Published	:	9	Annexure - VI										
15	No. of Guest Lectures delivered in other institutions	:	-	Annexure - VII										
16	No. of Research Projects undertaken	:	-	Major	-	Others (Specify)	Annexure - VIII							
17	No. of Seminars organised	:	Annexure - IX											
18	No. of. M.Phil. Scholars Guided	:	Completed	19	Ongoing	3	Annexure -X							
19	No. of. Ph.D. Scholars Guided	:	Awarded	1	submitted Ongoing	2 5	Annexure - XI							
20	Participation in Academic Research Bodies in other institutions	:	Annexure - XII											
21	Service rendered in academic / Extra Curricular/ 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

ANNEXURE – I**DETAILS OF ORIENTATION, REFRESHER COURSES AND TRAINING PROGRAMMES ATTENDED:**

SL. NO.	COURSE	UNIVERSITY	PERIOD	TITLE
1.	ORIENTATION	BHARATHIDASAN	01-11-2008 to 28-11-2008	
2.	REFRESHER	BHARATHIDASAN	01-12-2011to 21-12-2011	Chemistry
3.	ORIENTATION	BHARATHIDASAN	24-03-2012to 25-03-2012	research activities in science for college teachers
4	Refresher	Bharathidasan	20.12.2017 to 09.01.2018	Nano science

ANNEXURE – II**WHETHER FDP AVAILED, IF YES, FURNISH DETAILS**

Name of the institution	Period of Study	Date of submission	awarded

ANNEXURE – III**SEMINARS/CONFERENCES, SYMPOSIA, WORKSHOPS, ETC ATTENDED**

Sl..	Title of the Seminars/Conferences, Symposia, Workshops	Level (State / National / International)	Sponsoring Agency and Name of the Institution	Date
1	Rev.Dr.Mathew J.Moolel S.J Endowment lecture programme	State	St.Joseph's college, trichy	28-08-2002
2	Workshop on medicinal plants prospects and cheallenges	State	Periyar college of pharmaceutical sciences for girls-trichy	21,22 -12-2002
3	National teacher's science conference	National	National council for science and tech communication Barkatull university Bhopal	9 to 12-9-2003
4	National seminar on Bio-active polyphenols	National	Anjalai Ammal Mahalingam Engineering college	10 to 11-3-2003
5	Natural Agricultural and herbal cultivation conference	State	A.V.V.M Sri pushpam college (A) Poondi	24 to 25 -01-2004
6	Herbal Cultivation and export oppturnitis conference	State	A.V.V.M Sri pushpam college (A) Poondi	1 to 2 11-2004
7	One day workshop on textile chemistry	State	A.V.V.M Sri pushpam college (A) Poondi	24-03-2006
8	Emerging Trends in chemistry	National	Dhanalakshmi srinivasan college of Arts and science perambalur	24-8-2006
9	State level symposium on theoretical chemistry-2006	State	Rajah serfoji government college (A) Thanjavur	13-12-2006
10	Nanotechnology and its Application	State	Dept. of science and tech new delhi periyar maniammai university - thanjavur	13-8-2008
11	Tribal health in India problem and future perspectives	National	UGC/ICMR Sponsared Pondicherry university puduchery	4 to 5-2-2008
12	Seminar on Gandhian thoughts	State	Lions club international thanjavur	2-8-2008
13	National workshop for research methodology & green Technology	National	UGC pondichery Uiversity	29.11.2012 to 30.11.2012
14	Workshop on integrating technologies	State	Dept of Computer Science, AVVM spc poondi	07.02.2013 to 08.02.2013

	into learning and teaching			
15	Workshop on applications of spectroscopy in inorganic organic and physical chemistry	State	Dept of Chemistry national institute of technology	28.03.2013 to 29.03.2013
16	Workshop on recent trends in chemistry	State	PG and Research (Sponsored by science academics of India) AVVM spc poondi	26.09.2014 to 27.09.2014
17	Special Orientation Programme for Professors	State level	A.V.V.M. Sri Pushpam College , Poondi	06.04.2015 to 18.04.2015
18	International conference on chemical and environmental research	International	Jamal Mohamed college , Tiruchirappalli	07 January 2017
19	New vistas in material science	National	J.J.College of arts and Science	8 & 9 March 2018

ANNEXURE – IV

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	Role of cooperative store on allopathy medicine market	National	A.V.V.M Sri pushpam college (A) Poondi	29 to 30-3-2002
2	Need to conserve <i>Mallotus philippensis</i> .Muel.Arg.	National	P.S.G.R. Krishnammal college for women, coimbatore	27 to 28 -8-2003
3	International symposium on chemical education and Research	International	Loyolo college (A) chennai	04 to 07-01-2004
4	A Preliminary phytochemical study on the fruit wall powder of <i>Mallotus philippensis</i>	National	A.V.V.M Sri pushpam college (A) Poondi	17to 19-01-2004
5	Dyeing of natural fabric using a natural dye with various natural mordants and its medical applications	National	A.V.V.M Sri pushpam college (A) Poondi	20-02-2004
6	Preliminary phytochemical investigations and anti urolithiatic activity of <i>Mallotus philippensis</i> mull. Arg. Fruit wall powder	National	A.V.V.M Sri pushpam college (A) Poondi	8 TO 9 -02-2007
7	Ethnomedicine of six nilgri tribes	National	UGC/ICMIR Pondicherry university puducherry	8 to 9 -02-2007
8	Ethno medical survey of plants used by the tribal groups in kidney stone disorders	National	ICMIR Pondicherry University puducherry	01-03- 2009
9	Preliminary study on Anti Urolothiatic activity of <i>Mallotus philippensis</i>	International	Association of pharmaceutical teachers of india (APTI), Bangalore	26 to 28 -02-2009
10	Removal of Lead from aqueous lead solution using biosorbent <i>apongogeton natans</i>	State level	A.V.V.M. Sri Pushpam College , Poondi	29-30 th dec 2014
11	Adsorption of rhodamine – B dye from an aqueous solution by biomass pine apple peel : kinetics, equilibrium and thermodynamic studies	International	Madras University	28 to 30 December 2015

RESEARCH PAPERS PUBLISHED:

Sl. No.	Title of the Paper	JOURNAL			Page Number
		Name	Volume	Year / Month of Publication	
1	Pharmacognostical and preliminary phytochemical studies on the fruit wall powder of <i>Mallotus philippensis</i> (LAM) Muell. Arg	Geobios	35 (1)	2008	17 -20
2	Preliminary histological studies on the leaf of <i>Mallotus philippensis</i> (LAM) Muell. Arg	Geobios	36 (4)	2009	265-268
3	Physico - phytochemical investigation and anti-inflammatory screening of <i>Capsicum annum</i> and <i>Hemidesmus indicus</i> (linn.) R.Br	Ancient science of life	29 (4)	AP-June 2010	35 - 40
4	Studies on the physico – phytochemical and antidiabetic properties of <i>Cissus quadrangularis</i> and <i>Solanum torrum swartz</i>	International of journal of drug discovery and herbal research	2 (1)	Jan-march 2012	323 - 328
5	Studies on the physical – Phytochemical properties and hepatoprotective effect of <i>Solanum torvum</i> swartz in CCl ₄ induced experimental toxicity in Albino rats	International journal of pharmacy and pharmaceutical science	4(supplement 5)	Sep 2012	
6	Removal of heavy metal from textile industry effluent. A biosorption approach using water hyacinth <i>Eichhornia crassipes</i>	Journal of scientific transaction environmental and technovation	6(3)	2013	160-165
7	Removal of Pb II and Cd II ions from industrial wastes water using <i>Calotropes procera</i> roots	International journal of engineering science invention	2(4)	April 2013	01-06
8	An evaluation of antidiabetic potential and physicochemical properties <i>Tephrosia purpurea</i> in streptozotocin induced diabetic model in albino rats	International journal of Pharmaceutical sciences review & research	24(1)	Jan 2014	46-50
9	Biosorption of Zinc (II) ions from sugar cane effluent using <i>Borassus flabellites</i> fibre	International journal of engineering and science invention	3(5)	May 2014	1-7
10	A comparative study on the green biosynthesis silver nanoparticles using dried leaves of <i>Boerhaavia diffusa</i> and <i>Cinchorium intybus</i> with reference to this antimicrobial potential	World journal of pharmacy and pharmaceutical sciences	3(7)	Jun 2014	1415-1427
11	Inter – specific variation studies on the phyto constituents of <i>Boerhaavia diffusa</i> and <i>Cichorium intybus</i> .C using <i>Phytochemical methods</i>	International journal of pharmacy science, Review and research	27(1)	July – Aug 2014	283-287
12	Decolourisation of Bismark Brown Dye in Aqueous solution using activated carbon of <i>Musa paradisiaca sheath</i> Fibre	Asian Journal Research Chem	7(12)	Dec 2014	1053-1058
13	Green Biosynthesis of silver nano particles using flower <i>Hibiscus rosa sinensis</i> . L	International journal of nano corrosion science	2(6)	2015	109-119

		and engineering			
14	Green synthesis of silver nano particles using <i>Cassine glauca</i> bark extract and its antimicrobial activity	International journal of Recent Trends in science and Technology	20(2)	Sep 2016	240-244
15	Green synthesis and characterization of silver nanoparticles using <i>Tinosopara cordifolia</i> extract and their antimicrobial activity	International journal of advance research, ideas and innovations in technology	3(6)	2017	421
16	Synthesis of nanoparticles from <i>Ficus benghalensis</i> bark and evaluation of its antimicrobial and antioxidant activity	Asian Journal of innovative Research	2(1)	2017	38-48
17	Green biosynthesis of silver nanoparticles using flower of <i>Musa paradisaca</i> L with reference to antimicrobial and antioxidant potential	World journal of science and Research	2(1)	2017	18-27
18	Green synthesis of silver nano particles using <i>Tragia involurcata</i> stem of extract and analysis of their antimicrobial property	International journal of chemical and pharmaceutical analysis	4(2)	Jan – Mar 2017	1-8
19	Isolation of steroid and anticonvulsant studies of ethanolic extract of the Bank of <i>Cassine Glauca</i> (Celartracea)	International journal of pharmacy and Biological science	8 (3)	July – Sep 2018	932-937
20	Evaluation of anti-diabetic activity of athanolic extract of <i>Tinospara cordifolia</i> leaves and <i>Triconella foenum graecum</i> seeds in Alloxan induced Diabets in albino rats.	Intenational journal of pharmacy and biological science			974
21	Phytochemical studies and elemental analysis of <i>Tinospara cordifolia</i> and <i>Trigonella foenum Graecum</i>	Research journal of life sciences, Bio informatics, pharmaceutical and chemical sciences	4(5)	Sep 2018	401
22	Green Biosynthesis of silver nano particles from <i>Aegle marmelos</i> aqueous leaf extract	IQSR journal of applied chemistry	11(7)	July 2018	06-11
23	Physic-phytochemical analysis, authentication and <i>invitro</i> antioxidant study on <i>Aegle Marmelos</i>	International journal of pharmacy and Biological science	8(4)	2018	
24	Hepatoprotective and antioxidant activity of the ehanolic extracts of <i>Boerhaavia diffusa</i> L and <i>Cichorium intybus</i> L in CCl ₄ induced hepatic damage rats	International journal of pharmacy and biological science	8(4)	Oct – dec 2018	419-431
25	Biosynthesis of Silver Nanoparticles using <i>Pedalium murex</i> L: characterization and Antimicrobial activity	International journal of scientific Research and Review	7(10)	2018	332
26	Phytomediated synthesis of silver nanoparticles using <i>Cassia auriculata</i> L: evaluation of antibacterial and antifungal activity	Asian Journal of Pharmacy and Pharmacology	5(1)	2019	Accept

ANNEXURE – VI**BOOKS PUBLISHED:**

Sl..No	Name of the Book / Title of the Article / Book / Editor	Publisher	Place and Year of Publication

ANNEXURE – VII**GUEST LECTURES DELIVERED:**

SI .No.	Title of the Guest Lecture	Place	Date
1	In-service Training program for higher secondary Teachers	Govt. college of education Orathanadu	4,6,8-01-2005
2	Atomic structures	Young student scientist programme, department of zoology A.V.V.M. Sri Pushpam College, Poondi	05.05.2012
3	Separation Techniques	Young student scientist programme, department of zoology A.V.V.M. Sri Pushpam College, Poondi	15.05.2013
4	General knowledge contest	Seventh day Adventists Matric Hr.Sec.School, Thanjavur	July 2011
5	General knowledge contest	Seventh day Adventists Matric Hr.Sec.School, Thanjavur	10.08.2012
6	Manufacturing Techniques in House Cleaning and Refreshing Materials	Raja Serfoji College , Thanjavur	04.03.2014
7	Error analysis	J.J.College of arts and science, Pudukottai	30.12.2016
8	Domestic chemical products preparation and manufacturing techniques	Enathi Rajappa Arts and Science College, Pattukottai	18.02.2017
9	Judge in school education Thiruvarur district science exhibition	Va So Govt.Boys. Hr.Sec.School, Thiruvarur	27.10.2018

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

ANNEXURE – IX**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
1	Young student's scientist program - course coordinator			May 2004	
2	Young student's scientist program - course coordinator			May 2005	
3	Workshop on preparation of home chemistry products			06.10.2005	
4	State level seminar on emerging trends of research in chemical and biochemical science			Aug-2009	
5	Work shop on domestic chemical products (for Boys)			26-07-2006	
6	Work shop on domestic chemical products (for Girls)			28-07-2006	
7	Work shop on domestic chemical products			Oct-2007	
8	Work shop on domestic chemical products			Oct-2008	

9	Work shop on domestic chemical products			15-10-10	
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ANNEXURE – X

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

Sl. No.	Name of the Scholar	Title of the Dissertation	Year of Study	University
1	K.VIJAYALAKSHMI	Some physicochemical and phyto pharmacological observation on the <i>Hemidesmus indicus</i> and <i>Capsicum annum</i> plants	Aug 2008	Bharathidasan University
2	R.SHYMALA	Some physicochemical and phyto pharmacological observations on the <i>Curcuma longa</i> and <i>Abrus precaterious - plants</i>	Aug 2008	Bharathidasan University
3	J.KAYALVIZHI	Preliminary physico phytochemical studies and hepatoprotective activity of <i>Solanum torvum</i> swartz in CCl ₄ induced experimental toxicity	Aug 2009	Bharathidasan University
4	P.VIJAYAKUMARI	Preliminary physico phytochemical studies and antidiabetic effect of <i>Ciscus quadrangularis</i> . L	Aug 2009	Bharathidasan University
5	K.SHANTHI	Preliminary physic phytochemical studies and anti diabetic effect of <i>Solanum torvum</i> swartz	Aug 2009	Bharathidasan University
6	S.MOHANAMBIKAI	Studies on the physic phyto chemical properties of <i>Cassia auriculata</i> L and <i>Achyranthes aspera</i> . L; A preliminary screening antiurolithatic activity in albino rats	Oct 2010	Bharathidasan University
7	V.KUMARESAN	Studies on the physic phytochemical properties of <i>Vitex tritolia</i> L and <i>Cissus quadrangurlaris</i> : A preliminary screening of anti-convulsant activity in albino rats	Dec 2010	Bharathidasan University
8	A.PRABAVATHI	Studies on the physico phyto chemical properties of <i>Catharanthus roseus</i> and <i>Ficcus racemria</i> : A preliminary screening of anti diabetic activity in albino rats	Dec 2010	Bharathidasan University
9	C.BHAGYALAKSHMI	Physic phytochemical studies on I : some observation on its anti diabatic and antioxidant <i>Pontential invitro</i>	Dec 2011	Bharathidasan University
10	K.RAMACHADRAN	Physic phytochemical studies on <i>Pongamia purinata</i> some observation on it anti inflammatory and anti oxidant <i>invitro</i>	Not submitted	Bharathidasan University
11	P.VIJAYAKUMAR	Studies on the physico phytochemical properties of <i>Tephrosia purpurea</i> (Linn) pers: A preliminary screening of antidiabetic activity in albino rats	Nov 2012	Bharathidasan University
12	S.SURYA	Studies on the phsicophyto chemical studies of <i>Pithecellobium dulec</i> (roxb) Benth : A preliminary screening of antidiabetic activite of albino rats	Dec 2012	Bharathidasan University
13	S.Sathya	Preliminary physic – Phytochemical and inflammatory screening of <i>Carcia papaya</i> in Carragennan induced experimental toxicity	Nov 2013	Bharathidasan University
14	U.Ramesh	Study on the physic – Phytochemical properties of <i>Tecoma stans</i> : A preliminary <i>invitro</i> screening of antimicrobial activity and <i>invitro</i> antioxidant potential	Mar 2017	Bharathidasan University
15	D.Juliet Nirmala	Studies on physic – Phytochemical properties antimicrobial activities and separation of flavanoids of <i>Catharanthus roseus</i> L	Nov 2017	Bharathidasan University
16	V. Gowria	Studies on physic – Phytochemical	Dec 2017	Bharathidasan

		properties antimicrobial activities and separation of flavanoids of <i>Thespesia Populnea</i> L		University
17	K.Karthikesan	A study on biosorptive removal of heavy metal chromium from aqueous chromium solution using <i>Ipomea carnea</i>	Mar 2016	Bharathidasan University
18	B.Ramachandran	A study on physicochemical, antioxidant – <i>invitro</i> and anti Urolithiatic effect of <i>Tribullus terrestris</i> L in experimental Rats	Oct 2015	Bharathidasan University
19	K.Karthikeyan	Preliminary physico – Phytochemical antioxidant <i>invitro</i> and anti diabetic effect of <i>Andrographis paniculata</i> L.in experimental Rats	Oct 2015	Bharathidasan University
20	P.Muhil	A study on the physicochemical properties antimicrobial activities, antioxidant potential and separation of flavonoids of <i>Tagetes erecta</i>	Dec 2012	Bharathidasan University

ANNEXURE – XI

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

Sl. No.	Name of the Scholar	Title of the Thesis	Year of Study and submitted	University
1	K.Bharathi	Physico – Phytochemical studies on the <i>Boerhaavia diffusa</i> L and <i>Cichorium intybus</i> L with reference to hepatoprotective and antioxidant properties in Albino rats	2011 – 2016 & Feb 2017	Bharathidasan
2	P.Vijayakumar		2011-2016 & Doing	Bharathidasan
3	M.Kavitha	A study on the antidiabetic and antioxidant potentials of <i>Ficus benghalensis</i> L and <i>Musa paradisiaca</i> L a preliminary investigation to isolate active phyto constituents	2012 – 2017 & June 2017	Bharathidasan
4	T.S.Bhuvaneshwari		2012 – 2017 & Doing	bharathidasan
5	N.Ramlu		2012 – 2017 & Doing	Bharathidasan University
6	M.Saraswathy	Phyto pharmacological isolation and identification of phyto constituents on the <i>Cassine glauca</i> (Rottb) and <i>Trangia involucre</i> Linn with reference to anticonvulsant and antioxidant potential	2012 – 2017 & Jan 2018	Bharathidasan
7	A.Sharmila Banu		2012 – 2017 & Doing	Bharathidasan University
8	S.Krishnaveni		2012 – 2017 & Doing	Bharathidasan University

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)

ANNEXURE – XIII**SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES**

Sl. No.	Name of the Activity	Period
1	COLLEGE- EXAMINATION COMMITTEE	1998 - 2004
2	COLLEGE- DISCIPLINE COMMITTEE	2006 - 2009 , 2010 - 2012
3	Examination Committee Chairman	2016-2017 2017-2018 2018-2019

ANNEXURE – XIV**MEMBERSHIP IN PROFESSIONAL BODIES**

Name of the Professional Body	National/International	Period

ANNEXURE – XV**HONORS AND AWARDS RECEIVED**