



**A.V.V.M. SRI PUSHPAM COLLEGE
(AUTONOMOUS),
POONDI – 613503, THANJAVUR – DT.**



STAFF PROFILE

1. Name of the Staff : **Dr. G. SIVAKUMAR**
 2. Designation : **Assistant Prof. of Mathematics**
 3. Academic Qualification : **M.Sc., M.Phil., B.Ed.,**

Course	UG	PG	M.PHIL.	PH.D.
Year	1986	1989	1990	2018
College & University	A.V.V.M. Sri Pushpam College (Autonomous), Poondi. BARD, Trichy	A.V.V.M. Sri Pushpam College (Autonomous), Poondi. BARD, Trichy	A.V.V.M. Sri Pushpam College (Autonomous), Poondi. BARD, Trichy	Bharathidasan University

4. Date of Birth & Age : **12.07.1966, 53 Yrs**

5. Date of Appointment : Self – Finance :

D	D	M	M	Y	Y	Y	Y
0	2	0	1	1	9	9	8

 FIP :

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 Aided :

1	8	1	0	2	0	0	5
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6. Total Service : 20 Years & 10 Months

7. Teaching Experience in completed years : UG **21** PG **19** M.Phil. **15**

8. Residential Address : Plot No. 72, Ponnusamy Nagar, Mariyamman Kovil (Po), Thanjavur – 613 501.

Mobile Number : 99947 09281

E-Mail Address : gee.yees@hotmail.com-Bancard-No.

9. No. of Orientation / Refresher Courses and Training Programmes attended : 1 and 2 Annexure – I
 10. Whether FIP availed, if yes, furnish details : -- Annexure – II
 11. No. of Seminars attended : 11 Annexure – III
 12. No. of Papers Presented : 05 Annexure – IV
 13. No. of Papers Published : 11 Annexure – V
 14. No. of Books Published : -- Annexure – VI
 15. No. of Guest Lectures delivered in other institutions : 03 Annexure – VII
 16. No. of Research Projects undertaken : Minor 01 Major --- Others (Specify) --- Annexure – VIII
 17. No. of Seminars organised : Annexure – IX
 18. No. of M.Phil. Scholars Guided : Completed 42 Ongoing 03 Annexure – X
 19. No. of Ph.D. Scholars Guided : Awarded --- Ongoing --- 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 : 05 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 Programme	Bharathidasan University, Trichy	16.05.2008 to 12.06.2008	Orientation Course
2.	Refresher Course	Calicut University, Kerala.	27.01.2011 to 16.02.2011	Environmental Science
3.	Refresher Course	Bharathidasan University, Trichy	05-11-2014 To 25-11-2014	Refresher Course in Mathematics

ANNEXURE – II**WHETHER FIP AVAILED, IF YES, FURNISH DETAILS : Yes**

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.	Recent Trends of Research in Mathematics and its Applications	State level	A.V.V.M. Sri Pushpam College (Autonomous), Poondi.	01.02.2004 & 02.02.2004
2.	Decision Making Techniques	"	A.V.V.M. Sri Pushpam College (Autonomous), Poondi.	04.09.2004 & 05.09.2004
3.	Stochastic Processes and its Applications	"	A.V.V.M. Sri Pushpam College (Autonomous), Poondi.	16.03.2006 & 17.03.2006
4.	Quality Enhancement in Evaluation system adopted in Higher Education Institution	National Level	A.V.V.M. Sri Pushpam College (Autonomous), Poondi.	20.01.2007
5.	Recent Trends of Research in Mathematics and its Applications	State Level	A.V.V.M. Sri Pushpam College (Autonomous), Poondi.	02.03.2008
6.	Fuzzy Mathematics and Graph Theory	National	Jamal Mohamed College, Trichy	27.03.2008 & 28.03.2008
7.	Mathematics methods and Computation	International	Jamal Mohamed College, Trichy	24.07.2009 & 25.07.2009
8.	The Arts Journal and Thesis Writing	"	Prist University, Vallam	05.01.2012

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.	Usage of Mathematics models	UGC Sponsored State level seminar	A.V.V.M. Sri Pushpam College, poondi	02.08.2008 & 03.08.2008

ANNEXURE – V

RESEARCH PAPERS PUBLISHED:

Sl. No.	Title of the Paper	JOURNAL			Page Number
		Name	Volume	Year / Month of Publication	
1.	A Study of Physical Phenomena oncerning Recovery, Relapse and Condemn due to engine trouble shooting in a car using simple Markov Process model	Applied Science Periodical	XV	May 2013	
2.	"Application of Fuzzy Multi Objective Linear Programming in the Efficient Treatment of Communicable Diseases", ,	Global Journal of Pure and Applied Mathematics	Vol.11,	2015	No.3,PP .1363-1377,
3.	"On Fuzzy Optimization Modeling in Healthcare Analysis Based on Linear Programming Problem",	International Journal of Clurrent Research and Modern Education,	Vol.2,	2017	No.1, pp.124-131
4.	"Selection of Patient for Treatment under Multi Criteria Decision Making using Fuzzy Logic"	International Journal of Current Research and Modern education, Special Issue,		2017.	PP.79-81, July -
5.	"on fuzzy decision making modelling in diagnosing eye diseases based on feedback extension", .	International Journal of Advanced Trends in Engineering and Technology(IJAT ET),	Vol.2,	2017	Issue 2, pp.138-140,
6.	"On Single Objective Linear Model in Controlling Communicable Diseases Based on Fluzzy Linear Programming Problem", , , Issue	International Journal of Applied and Advanced	Vol.2	2017.	PP.211-218,

	2,	Scientific Research			
7.	"Fuzzy Optimization Modelling in the Analysis of Human Health Care Based on Linear Programming Problem",.	International Journal of Applied and Advanced Scientific Research	Vol.2,	2017	No.2,pp .82-90,
8.	"Fuzzy Mathematical Model For The Effect Of Leptin In Body weight Maintenance",	International Journal of Computational Research and Development (IJCRD),	Vol.2	2017.	No.2,pp .50-53,
9.	"A fuzzy mathematical analysis for the effect of TRH using acceptance sampling plans",	International LJournal of Pure and Applied Mathematics,	Volume 117	2017	,No.5,p p.1-11,.
10.	"On Fuzzy Relational Modelling in the Analysis of Food Suitability for Curing Nutrient Deficiency based on Max – Min Composition", accepted for publication in	International Journal of Pure and Applied Mathematics.		2017	
11.	"Multicriteria Decision Making Method For Obtaining Crisp value Under Fuzzy AHP Using a – Cut Based Method" accepted for publication in.	International Journal of Pure and Applied Mathematics		2017	

ANNEXURE – VI

BOOKS PUBLISHED:

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

GUEST LECTURES DELIVERED:

Sl. No.	Title of the Guest Lecture	Place	Year
1	An application of mathematical modelling	Bharath College, Thanjavur	2015
2	Application of Fuzzy logic	NaINA Mohamed College, Aranthangi	2017
3			

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
1	FUZZY MULTI OBJECTIVE OPTIMIZATION MODELING IN THE EFFICIENT TREATMENT OF COMMUNICABLE DISEASES	Minor	UGC	2017 - 2019	5,00,000	ongoing

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
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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.	P.Kannan 03MA501	An Application Graph Theory in Airways	2003 – 2004	Bharathidasan University
2.	G.Sivapathy 04MA530	A study on CECH Homology Theory	2004 – 2005	"
3.	D.Sumathi 05MA522	Continuous formations ON Fuzzy Sets	2006	"
4.	R.Aiswarya DEvi 06MA511	Fuzzy and decision making Techniques	2007	"
5.	A.Muthamil Selvi 07MA553	Fuzzy Sets and its applications	2007 – 2008	"
6.	S.Deepa 07MA565	A study on Fuzzy Rule based model	"	"
7.	V.Kiruthi Karani 07MA580	A study on fuzzy linear programming	"	"
8.	V.Kalaiyarasan 08MA511	A study on stochastic process and its applications	2008 – 2009	"
9.	B.Nathiya 08MA569	Fuzzy sets and uncertainly based information	"	"
10.	K.Radhika 09MA573	A study on Fuzzy Mathematical Modelling using Decision Making.	2009 – 2010	"
11.	S.Mohanapriya 09MA557	A study on fuzzy sets, fuzzy logic and their applications in solving real life problem	"	"
12.	M.Bakrinath 10MA509	A study on fuzzy modeling and control	2010 – 2011	"
13.	M.Vidhya 10MA558	A study on fuzzy sets and fuzzy relations	"	"
14.	S.R.Vidya 10MA569	A study on fuzzy rules based model	"	"
15.	L.Anitha 06DCCF1523	A study on fuzzy sets and control	2007	Periyar University, Salem
16.	S.Mohanraj 11MA509	A study on Fuzzy Graph and its Applications	2011 – 2012	Bharathidasan University
17.	S.Kamali	A Study on Mathematical	"	"

	11MA562	Modelling in Real life System		
18.	R.Priyadharshini 11MA573	A Study on Fuzzy logical and Fuzzy Relation using Decision making	"	"
19.	V.Mythili 11MA584	A Study on some application of Stochastic Process	"	"
20.	R.Selvam 4210600317	A study on enumeration to graphs and its applications	2008 – 2010	Annamalai University, Chithamparam
21.	R.Arivazhagan 4210600787	Applications of Graph Theory	"	"
22.	K.Kumar 4210600452	Some application of Fuzzy Decision Making	"	"
23.	A.Meena 09MA561	A study on applications of stochastic processes	2010	Bharathidasan University
24.	K.Subramanian 06CD28593	A study on some applications based on Fuzzy Decision Making	August 2007	"
25.	K.B.SUGANYA 12MAA551	A study on Fuzzy Relation Fuzzy Arithmetic fuzzy cluster analysis.	August 2013	"
26.	V.VINOTHA 12MAA563	A Study On Fuzzy Logic, Fuzzy Set Theory And Probability Theory	August 2013	"
27.	R.DEEPIKA 12MAA575	A study on fuzzy analysis pattern recognition and decision making in Fuzzy environment	August 2013	"
28.	S.JOHNKENNADY 13MAA703	A study on Fuzzy Cluster Analysis	August 2014	"
29.	S.SURESHKUMAR 13MAA710	Some applications of linear programming problem	August 2014	"
30.	V.SIDDHA 13MAA554	A study on Fuzzy Graph and its applications	August 2014	"
31.	N.RAMYA 14MAA451	A Study On Stability Of Total Vertex Irregularity Strength Of Wheel Related Graphs	August 2015	"
32.	A.NANCY 14MAA574	A Study on graph theory using environmental system	August 2015	"
33.	M.SONIYA 14MAA751	A study on fuzzy intuitionistic fuzzy relation of the analysis of health problem	August 2016	"
34.	A.SARKUNAM 15MAA709	A study on fuzzy relations fuzzy arithmetic and fuzzy cluster analysis	August 2017	"
35.	P.VIJAYAKUMARI 15MAA756	a study on fuzzy modeling using rule base system	August 2017	"
36.	V.MUTHUMANI 15MAA562	A study on fuzzy decision making for modeling and control	August 2016	"
37.	A.MANGAIYARKARASI 16MAA553	A study on fuzzy decision making using real life system	August 2017	"
38.	L.THENNARASI 16MAA565	A Study On Fuzzy Mathematical Modeling	August 2017	"
39.	M.Mohanraj 16MAA704	A study on fuzzy graph and its applications to cluster analysis and database theory	August 2018	"
40.	N.Pavitha 16MAA732	A Study on Hidden Markov Model	August 2018	"
41.	P.Mathesh 17MAA505	A Study on optimization in Fuzzy Environments system	August 2018	"
42.	R.Logeswari 17MAA564	A study on Inverse split and Non-split Domination graph and set domination.	August 2018	"

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

Sl. No.	Name of the Scholar	Title of the Thesis	Year of Study	University
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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)
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ANNEXURE – XIII**SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES**

Sl. No.	Name of the Activity	Period
1.	Examination Committee	2002 – 2005
2.	Discipline Committee	Since 2011
3.	Admission Committee	Sine 2009 – 2012
4.	Orientation course +2 teachers at Orathanadu	2002
5.	Orientation course 10 th teachers at Machakudi School	Feb. 2012
6.	Resource Person Deliver the presentation on Mathematical Modelling in Bharath College.	Feb.2015
7.	Academic Calendar committee	Since 2015

ANNEXURE – XIV**MEMBERSHIP IN PROFESSIONAL BODIES**

Name of the Professional Body	National/International	Period
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ANNEXURE – XV**HONORS AND AWARDS RECEIVED : ----**