1.	Name of the Staff	:	**G.KOMAHAN**
2.	Designation	:	**Associate Prof. of Mathematics**
3.	Academic Qualification	:	**M.Sc., M.Phil., P.G.D.C.A.,M.Tech.,Ph.D**

Course	UG	PG	M.PHIL.	PH.D.
Year	1983	1985	1988	2012
College & University	AVVM SRI PUSHPAM COLLEGE,POONDI. MADRAS UNIVERSITY	AVVM SRI PUSHPAM COLLEGE,POONDI. BHARATHIDASAN UNIVERSITY	AVVM SRI PUSHPAM COLLEGE,POONDI. BHARATHIDASAN UNIVERSITY	AVVM SRI PUSHPAM COLLEGE,POONDI. BHARATHIDASAN UNIVERSITY

4.	Date of Birth & Age	:	**28.11.1961 & 55**

4.	Date of Appointment	:		D	D	M	M	Y	Y	Y	Y
			Self – Finance :	2	8	0	8	1	9	8	6
			FIP :	0	0	0	0	1	9	9	8
			Aided :	3	0	0	3	2	0	0	0

5.	Total Service	:	**31** Years

6.	Teaching Experience in completed years	:	UG **31 yr** PG **23 Yr** M.Phil. **13 yr**
7.	Residential Address	:	**NO.12ALAKI KULAM VARI STREET,MANAMBUCHAVADI,THANJAVUR-613001**
	Mobile Number	:	**9443376601**
	E-Mail Address	:	*Govindarajankomahan@gmail.com*
8.	No. of Orientation / Refresher Courses and Training Programmes attended	:	1-Orientation Course 3-Referesher Course Annexure -I
9.	Whether FIP availed, if yes, furnish details	:	Annexure -II
10.	No. of Seminars attended	:	Annexure - III
11.	No. of Papers Presented	:	Annexure - IV
12.	No. of Papers Published	:	Annexure - V
13.	No. of Books Published	:	Nil
14.	No. of Guest Lectures delivered in other institutions	:	Annexure - VII
15.	No. of Research Projects undertaken	:	Minor - Major --- Others (Specify) ---
16.	No. of Seminars organised	:	Three
17.	No. of. M.Phil. Scholars Guided	:	Completed **49** Ongoing **8**
18.	No. of. Ph.D. Scholars Guided	:	Awarded **- Nil** Ongoing **8**
19.	Participation in Academic Research Bodies in other institutions	:	Board of Studies Member In Bharathidasan University,Trichy. Board of Studies Member In Periyar Maniammai University , Vallam
20.	Service rendered in academic / Extra Curricular/ Extension activities within the College other than teaching	:	Discipline Duty- 2004 onwards, Board of Studies Member from 2004 onwards, General Time Table Committee Member form 2014 onwards.-
21.	Service rendered in Professional bodies outside the College	:	Periyar Maniammai University, Vallam
22.	Honors / Awards received	:	Best Teacher award in 2015

Signature of the Staff

DETAILS OF ORIENTATION, REFRESHER COURSES AND TRAINING PROGRAMMES ATTENDED:

SL. NO.	COURSE	UNIVERSITY	PERIOD	TITLE
1.	67th Orientation Programme	Pondicherry University	18.07.2002to 14.08.2002	Orientation Course-
2.	Refresher Course	Annamaai University,Chidambaram	31.10.2003 to 20.11.2003	Applied mathematics
3.	Refresher Course	Bharathidasan University,Trichy	22.11.2007 to 12.12.2007	Mathematical Science
4.	Refresher Course	JawarharlalNehru University,New Delhi	06.04.2009 to 01.05.2009	Environment Sciences

WHETHER FIP AVAILED, IF YES, FURNISH DETAILS : ----

Name of the institution	Period of Study	Date of submission	Awarded
A.V.VM.SRI PUSHPAM COLLEGE(AUTONOMOUS), POONDI-613503	June 2004 to June 2006---	06.06.2008	3 March 2012

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.	New Trends in Mathematical Analysis and applications	National	AVVM Sri Pushpam College,Poondi	12th& 13th January 1995
2.	Stochastic Processing and its Applications	State	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	19th& 20th February 1996
3.	Computational Aspects of Mathematics and its Applications	National	Dept.of Mathematics, AVVM Sri Pushpam College,Poondi	20-22 February 1996
4.	Women Empowerment in Education with special reference on rural economy	National	Dept. Of Economics, AVVM Sri Pushpam College, Poondi	24th & 25th January 2000
5.	Confluence 2000	State	ASSET International	30th & 31st August 2000
6.	18th Annual Conference of the Ramanujan Mathematical Society	State	Dept. Of Mathematics, Annamalai University	17 – 20 July 2003
7.	Recent Advances in Pure and Applied Mathematics	National	Dept. Of Mathematics, Kandasamy Kandar College, Namakkal	23rd August 2003
8.	Mathematical An Elixer for all Sciences	State	Dept. Of Mathematics, SRC College, Trichy	10th & 11th December 2003

No.	Title	Level	Organizer	Date
9.	On Recent trend of Research in Mathematics and its Applications	State	Dept. Of Mathematics, AVVM Sri Pushpam College, Poondi	1st & 2nd February 2004
10.	Recent Trends in Computational Mathematics	National	Dept. Of Mathematics, Gandhigram Rural Institute, Gandhigram	18th & 19th March 2004
11.	SODEMT- 2004	State	AVVM Sri Pushpam College, Poondi	4th & 5th September 2004
12.	Mathematical Modelling to Social and Managerial Problems (NSOMM-2004)	National	ADM College for Women, Nagapattinam	24th & 25th September 2004
13.	Brainstorming Session on product graphs and its Applications	State	Dept.of Mathematics Bishop Heber College, Trichy	21st & 22nd January 2005
14.	Development in Mathematical Applications	National	Dept. Of Mathematics, KN Govt. Arts College for Women, Thanjavur	8th & 9th April 2005
15.	Recent Advances in Analysis and Applications	National	Dept.of Mathematics, Kandaswami Kandar's College, Velur, Namakkal	22nd & 23rd August 2005
16.	Recent Development in Algebra and Analysis	State	Dept. Of Mathematics, Sri S.Ramasamy Naidu Memorial College, Sathur.	2nd & 3rd September 2005
17.	Third National conference on Mathematical Computational Models	National	Dept. Of Mathematics, PSG College of Technology, Coimbatore	9th September 2005
18.	Business Economics and Finance	International	Dept. Of MBA ,Adiakala Matha Institute of Management, Vallam.	29th & 30th September 2005
19.	Mathematical Analysis and Applications	National	Dept. Of Mathematics, Periyar University, Salem.	6th & 7th October 2005
20	Industrial Mathematics	State	Dept. Of Mathematics, Islamiah College, Vaniyambadi.	19th & 20th November 2005
21	Fuzzy Applications	State	Dept. Of Mathematics, Jamal Mohamed College, Trichy	27th February 2006
22	Stochastic Processing and its Applications	State	Dept. Of Mathematics, AVVM Sri Pushpam College, Poondi	16th & 17th March 2006
23	Recent Developments in Algebraic Topology and Analysis	State	Dept. Of Mathematics, G.Venkateswamy Naidu College, Kovilpatti	21st & 22nd July 2006
24	Modern Trends in Mathematics	State	Dept.Of Mathematics, Vevekanandha College of Arts and Science forWomen, Elayampalayam	10th August 2006
25	Differential Equations and Applications	National	Dept. Of Mathematics, Periyar University, Salem	28th & 29th September 2006
26	Mathematical Methods and Applications	National	Dept. Of Mathematics, IIT Madras, Chennai.	22nd December 2006
27	Mathematical Techniques and Applications	National	Dept. Of Mathematics, SRM University, Chennai.	5th & 6th January 2007
28	Quality Enhancement in Evaluation systems adopted in Higher Education Institutions	National	Controller Office ,AVVM Sri Pushpam College, Poondi	20th January 2007

29	Importance of Graph Theory Fuzzy Algebra and Cryptography	National	Dept. Of Mathematics, Holy Cross College, Trichy	24 th & 25th January 2007
30	Applications of Mathematics	National	AVVM Sri Pushpam College,Poondi	22nd & 23rd March 2007
31	Recent Trends in Mathematics and its Applications	State	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	2nd & 3rd August 2008
32	Mathematical Methods and Computations	International	Dept. Of Mathematics, Jamal Mohamed College,Trichy	24th & 25th July 2009

<div align="right">ANNEXURE – IV</div>

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.	Image Representation by Stochastic Models	National	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	12th & 13th January 1995
2.	ISO-9000	National	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	20-22 February 1997
3.	Computer Graphics	State	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	18th & 19th February 1998
4.	Women Empowerment in Education	National	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	24th & 25th January 2009
5.	Directional Filter in Edge detection	State	ASSET, International	30th & 31st August 2000
6.	Image Representation Using Multi Scale Differential Operators	State	Dept. Of Mathematics, Annamalai University, Chidambaram	17-20 July 2003
7.	Adaptive basic Matrix for Morphological function for opening and closing	National	Dept. Of Mathematics, Kandasamy Kandar College, Namakkal	23 August 2003
8.	Nonlinear Ultrosinic Image Processing Based on Signal Adaptive filters and self organizing neural Networks.	State	Dept. Of Mathematics, SRC College, Trichy	10th & 11th December 2003
9.	Fuzzy scalar and Vector Median Filter and Based on Fuzzy logic	State	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	1st & 2nd February 2004
10.	A Robust Approach to Image Enhancement Based on Fuzzy logic	National	Dept. Of Mathematics, Gandhi gram Rural Institute, Gandigram	18th & 19th March 2004
11.	Multi Scale Curvature Based Shape representation using B-Spline Wavelets.	National	Dept. Of Mathematics, Gandhi gram Rural Institute, Gandigram	18th & 19th March 2004

Sl. No.	Title of the Paper	Level (State / National / International	Sponsoring Agency and Name of the Institution	Date
12.	Technique for fractal Image Compression using Genetic Algorithm	State	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	4th & 5th September 2004
13.	Improved Image noisy channel using Minimum Mean-Square estimation and Markov Mesh.	National	Dept. Of Mathematics, ADM College for Women, Nagapattinam	24th & 25th September 2004
14.	Significance – linked connected component analysis for Wavelet Image codings	State	Dept. Of Mathematics, Bishop Heber College, College, Trichy	21st & 22nd January 2005
15.	Nonlinear ultrasonic Image Processing Based on Signal adaptive filters and self organizing Neural Networks.	National	Dept. Of Mathematics, KN Govt. Arts College for Women, Thanjavur	8th & 9th April 2005
16.	A robust approach to image enhancement based on fuzzy logic	National	Dept. Of Mathematics, KN Govt. Arts College for Women, Thanjavur	8th & 9th April 2005
17.	An improved Edge Detection and Ranking Technique	National	Dept. Of Mathematics, Kandaswami Kandar's College, Velur.	22nd & 23rd August 2005
18.	Detection of closed shape objects	State	Dept. Of Mathematics, Sri S.Ramasamy Naidu Memorial College, Sathur.	2nd & 3rd September 2005
19.	Automatic Image segmentation by integrating colour edge extraction and seeded region growing	National	Dept. Of Mathematics, PSG College of Technology, Coimbatore	9th September 2005
20.	Lung Cancer and Tumor Detection suing Directional Edge Filtering Techniques	International	Dept. Of MBA, Adaikalamatha Institute of Management, Vallam	29th & 30th September 2005
21.	Fuzzy linked Models for Pyramidal Edge Detection	National	Dept. Of Mathematics, Periyar University, Salem	6th & 7th October 2005
22.	Triangle mesh based edge detection and its applications to surface segmentation and adaptive surface smoothing	State	Dept. Of Mathematics, Islamiah College, Vaniyambadi	19th & 20t November 2005
23.	Fuzzy inference system applied to endocardial Edge Environment	State	Dept. Of Mathematics, Jamal Mohamed College, Trichy	27th February 2006
24.	Edge Detection in noisy Environment	State	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	16th & 17th March 2006
25.	A Hybrid technique for facial feature point detection	State	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	16th & 17th March 2006
26.	Color Edge Detection using Vector Order statistics.	State	Dept. Of Mathematics, G.Venkateswamy Naidu College, Kovilpatti.	21st & 22nd July 2006

Sl. No.	Title of the Paper	Level (State / National / International	Sponsoring Agency and Name of the Institution	Date
27.	Edge detection using Neural Network	State	Dept. Of Mathematics, Vevekanandha College of Arts and Science for Women, Elayampalayam.	10th August 2006
28.	Image representation and retrieval using fuzzy scale space.	National	Dept. Of Mathematics, Periyar University, Salem	28th & 29th September 2006
29.	A Fuzzy quantization Techniques for color Images.	National	Dept. Of Mathematics, IIT Madras , Chennai	22nd December 2006
30.	WEB – based diagnosis and Medical image retrieval system	National	Dept. Of Mathematics, SRM University , Chennai.	5th & 6th January 2007
31.	Quality systems the Bridge to Excellence in Education.	National	Controller of Examinations, AVVM Sri Pushpam College,Poondi	20th January 2007
32.	Fuzzy Segmentation and Image coding	National	Dept. Of Mathematics, Holy Cross College, Trichy	24th & 25th January 2007
33.	A new Approach to Edge detection	National	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	22nd & 23rd March 2007
34.	Algorithms for extracting Vessel centerlines	State	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	2nd & 3rd August 2008
35.	Face and Facial Tracing for Natural Human – Computer Interface.	State	Dept. Of Mathematics, AVVM Sri Pushpam College,Poondi	2nd & 3rd August 2008
36.	Color Edge detection Using vector order statistics.	International	Dept. Of Mathematics, Jamal Mohamed College, Trichy	24th & 25th July 2009

RESEARCH PAPERS PUBLISHED:

Sl. No.	Title of the Paper	JOURNAL Name	Volume	Year / Month of Publication	Page Number
1.	Improved Image Decoding over Noisy Channels Using Minimum Mean Squared Estimation and Markov Mesh	Proceeding ADM College for Women	Vol.I	September 24-25 2004	p.77-103
2.	Directional filtering in Edge Detection	Indian Journal of Arts and Science	Vol.I	October 2004 -2005	pp.56
3.	Vector Median Filters Based on Fuzzy Distances	ACTA CIENCIA	Paper No.56	March 2005	pp.56
4.	Triangle Mesh Based Edge Detection and its applications to surface segmentation and adaptive surface smoothing	Proceeding Islamiah College, Vaniyambadi	Vol.I	November 2005	p.205-210
5.	Automatic image Segmentation by integrating color edge extraction and seeded region growing	Proceeding PSG College of Technology	Vol.V	9th December 2005	p.491-485
6.	Fuzzy inference system applied to endocardial edge detection	Varahmihar Journal of Mathematics Science	Vol.V No.2	December 2005	p.409-417
7.	Fuzzy Scalar and Vector median filters Based on Fuzzy Distances.	ACTA CIENCIA	XXX IM	2005	p.745-756
8.	Adaptive basis Matrix for the Morphological Function Processing Opening and Closing	Applied Science Periodicals	Vol.VIII No.1	February 2006	p.27-36
9.	A Hybrid Technique for the feature point detection	Indian Journal Arts Science and Commerce		May 2006	
10.	A Robust approach to image enhancement based on Fuzzy logic	ACTA CIENCIA	Vol.XXXII	June 2006	p.441-447
11.	Detection of closed shape objects	Bulletin of Pure and		August	

				2006	
12.	Fuzzy linking models for phyramidal edge detection	JARJ	Vol.3 No.1	2006	p.78-86
13.	Lung Cancer & Tumour Detection using directional edge filtering Techniques	ACTA CIENCIA	Vol.30 No.1	March 2008	p.303-310
14.	Web. Based Diagnosis and medical syVol.1stems	Proceeding SRM University	Vol.I	2008	p.49-58
15.	Image representation and Retrieval using fuzzy scale space	*Reflection de-ERA*	Vol.IV Issued	2009	p.31-40
16.	1. Usha Rani, M. and Komahan, G. "Mathematical Model for Diabetes Use Glucose Tolerance Test (GTT)".	International Journal of Science and Research (IJSR).	Vol. 6, Issue 2,	February 2017	p.430-432
17.	2. Usha Rani, M. and Komahan, G. "A Mathematical Modeling use for the Detecting of Diabetes in Blood and Urine Glucose."	TULASI-An Interdisciplinary Research Bi-Annual Journal	Vol. 3, No. 2,	Oct. 2015	p. 64- 66.
18.	3. Usha Rani, M. and Komahan, G., "Mathematical model for detecting blood glucose and insulin concentrations used for ordinary differential equations",	International Journal of Science and Research (IJSR).			
19.	1.G.Jeyakrishnan & G.Komahan, on the Diophantine equation $128 x + 196 y = z^2$,	Actacienciaindica Mathematics	Vol. XLII	2016	Page: 195-196
20.	2.G.Jeyakrishnan & G.Komahan, on the Diophantine equation $3136 x + 2048 y = z^2$,	Actacienciaindica Mathematics	Vol. XLII	M 2016 No.3, ISSN 0970-0455	Page: 225-226
21.	3.G.Jeyakrishnan & G.Komahan, More on theDiophantine equation $27 x + 2 y = z^2$	IJSRD-International journal for science and research	Vol 4, Issue 11	ISSN(Online):2321-0613 (2017)	Page:166-167

		& development			
22.	4.G.Jeyakrishnan & G.Komahan, On the Diophantine equation 128 x + 961 y =z ^{2} ,	IJIRST- International Journal for Innovative Research in Science & Technology	Volume 3 / Issue 09 /	February 2017.ISSN (online): 2349-6010,	Page:119-120
23.	5.G.Jeyakrishnan & G.Komahan, On the Diophantine equation 2 x + 87 y = z ^{2} ,	International Journal of current research and modern education/		ISSN:2455-5428 (ONLINE)	
24.	1. Lalitha.R. and Komahan.G "A Mathematical Model for Combination of Chemotherapy and Targeted therapy in Breast cancer treatment",	*International Journal of Research*, UGC Approved Journal.	Volume 7, Issue IX,	page no. 539-548, ISSN: 2236-6124	2018
25.	2. Lalitha R. and Komahan G "A Mathematical Model of Gene Therapy Dynamics In Tumor Cells"	*Research Directions* UGC Approved Journal	No. 45489 Volume 6, Issue 2,	ISSN: 2321-5488.	2018
26.	3. Lalitha R. and Komahan G "A Mathematical Model on Vorinostat (Histone deacetylase inhibitor) in combination with radiotherapy"	*Global Research and Development Journal for Engineering*,	Volume 3, page no.35-39	ISSN: 2455-5703	2018
27.	4. Lalitha R. and Komahan G "An Optimal Control Approach of Chemotherapy and Monoclonal Antibody Drugs in Colorectal Cancer Treatment".	*Acta Ciencia Indica (Mathematics)*,	Vol. XLM, No.4, page no.625-636,	ISSN: 0970-0455.	2014
28.	1.Latha.N.,Komahan.G.,"MATHEMATICAL MODEL IN CASPASE FUNCTION IN APOPTOSIS"	Jamal academic Research Journal ,Special issue	pg no. 216-221	ISSN 0973-0303	2015
29.	2. Latha.N.,Komahan.G.,"Mathematical	Acta Ciencia	Vol.XLI	ISSN0970-0455,	2015.

	model in Function of p53 gene in p53-mdm2 network in Apoptosis ",	Indica(Mathematics),	M2015 No.3 pg no.233-239		
30.	3. Latha.N.,Komahan.G.,"Mathematical Model of p53 gene with DNA damage in Apoptosis",	Acta Ciencia Indica(Mathematics)	Vol.XLII No.2	ISSN0970-0455, ,2016	pg no.151-156,
31.	4.Latha.N.,Komahan.G.,"Mathematical Model of p53Gene in Gene Therapy treatment for Lung Cancer"	International Journal for Scientific Research & Development(IJSRD)	Volume 4,Issue 10	December 2016	page no.267 to 270
32.	5. Latha.N., Komahan.G.,"Application of Birth and Death Process in Biology",	National Conference on Recent Trends in Science and Green Communication(NCRTSGC) organized by Kings College of Engineering		December2016.	
33.	6. Latha.N.,Komahan.G.," Mathematical Model in Side Effects of Chemotherapy Treatment for Lung Cancer"	IJIRST –International Journal for Innovative Research in Science & Technology	Volume 3 | Issue 10	March 2017,ISSN (online): 2349-6010	pgno.267-27110
34	7 Latha.N.,Komahan.G.,". Mathematical Model in Chemotherapy & Radiotherapy Treatment for Cervical Cancer"	IJIRST –International Journal for Innovative Research in Science & Technology	Volume 3 | Issue 12	May 2017	Pgno.196-201
35	8. Latha.N.,Komahan.G.," MATHEMATICAL MODEL IN PREVENTION OF CANCER	International Journal of Current Research and Modern Impact Factor 6.725		Special Issue, July – 2017	pgno.116-119

BOOKS PUBLISHED:

Sl. No.	Name of the Book / Title of the Article / Book / Editor	Publisher	Place and Year of Publication
1.	---	---	---

GUEST LECTURES DELIVERED:

Sl. No.	Title of the Guest Lecture	Place	Date
1.	Engineering Mathematics and Its Applications	A.R.J.College of Engineering of Technology, Edayarnatham, Mannarkudi-614001	03.11.2009
2.	Fuzzy Matrices and Fuzzy Graphs	Srinivasan College of Arts and Science , Paramballur - 621212	29.02.2012
3.	Digital Image Processing by Mathematical Techniques	Srimathi IndraGandhi College, Trichy- 600002	09.02.2012

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.	-	-	-	-	-	-

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.	State level Seminar on Mathematical Models	Self finance	60,000	One Day	---
2.	National Conference on Emerging Trends in Mathematics	Self Finance	1,00,000	24.7.2017	--

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

Sl. No.	Name of the Scholar	Title of the Dissertation	Year of Study	University
1.	K.MOHAN		2004-2006	BARD
2.	M.NIRMALA DEVI 2K4FT-13191		2004-2006	BARD
3.	S.SUDHAKAR 2K4FT-13202		2004-2006	BARD
4.	A.GURUMOORTHY 06MA529		2006-2008	BARD
5.	B.SUGANTHI 06CD-28595	Stability of Fuzzy systems	2006-2008	BHARATHIAR
6.	K.RAMA 06MA538	Fuzzy fundamentals and its linear Programming	2006-2008	BARD
7.	R.RAMESHKUMAR 06CD-28577		2007-2008	BARD
8.	S.GEETHA 2K3F-11756		2007-2008	BARD
9.	N.KAVITHA 4210300030		2007-2008	ANNAMALAI
10.	R.LALITHA 2K3FT-11765		2007-2008	BARD
11.	M.SURESH 07MA508	Decision Making in Fuzzy Environments	2007-2008	AVVM SPC
12.	S.SATIYA PRIYA 07MA562	Fuzzy Numbers and Fuzzy Logic	2007-2008	AVVM SPC
13.	T.MANIMEHALAI 07MA573	Fuzzy Interval Matrixes and its Applications	2007-2008	AVVM SPC
14.	K.PRABHAHARAN 08MA508	Fuzzy logic and its applications	2008-2009	BARD
15.	V.VIJAYABHARATHI 08MA558	A Study on Multi valued function	2008-2009	BARD
16.	T.MEENA 08MA566	Fuzz Decision Making and Its Applications.	2008-2009	BARD
17.	R.RAMYA 08,A554	Applications of fuzzy Matrices.	2009-2010	BARD
18.	P.MEENA 09MA50	Fuzzy Matrices	2009-2010	BARD
19.	T.SATHIYARAJ 10MA506	A Study on Hilbert Space	2010-2011	BARD
20.	D.AKILADESWARI 10MA555	A Study on Prime Numbers	2010-2011	BARD
21.	S.SUREKA 10MA566	Some functions of Number Theory	2010-2011	BARD
22.	M.PANNEERSELVAM 11MA506	A Study on connected graphs	2011-2012	BARD
23.	M.ARIVOLI 11MA581	A Study on directed graphs	2011-2012	BARD
24.	J.SUBA 11MA559	A Study on linear congruence's	2011-2012	BARD
25.	C.ARIVAZHAGI 11MA570	A Study on Network graphs	2011-2012	BARD
26.	M.SITHTHARTHTHANAN 12MAA506		2012-2013	AVVMSPC
27.	R.AKILANDESWARI 12MAA560		2012-2013	AVVMSPC
28.	T.ELAKKIYA 12MAA572		2012-2013	AVVMSPC
29.	R.GEETHA 12MAA583		2012-2013	AVVMSPC

30.	K.SURYA 12MAA587		2012-2013	AVVMSPC
31.	R.RAGURAMAN 13MAA506		2013-2014	AVVMSPC
32.	G.SURYA 13MAA562		2013-2014	AVVMSPC
33.	S,GAJAPRIYA 13MAA573		2013-2014	AVVMSPC
34.	K.SETHURAMAN 14MAA506	Global Domination of Certain Graphs	2014-2015	AVVMSPC
35.	T.JAYAMALINI 14MAA571	On a Mathematical Model of Human in Cryptography	2014-2015	AVVMSPC
36.	R.LATHA 13MAA751(P.T)	Mathematical Model for Detecting Diabetes in the Blood	2014-2015	AVVMSPC
37.	K.GNANAMEENA 13MAA757(P.T)	A Mathematical Model of Glucose-Insulin Interaction	2014-2015	AVVMSPC
38.	S.SURESH 13MAA708(P.T)	A Study on Crypto Analysis	2014-2015	AVVMSPC
39.	13MAA714(P.T)		2014-2015	AVVMSPC
40.	N.SANCHAIKUMAR 15MAA503	A study on inverse split co-edge split and inverse strong non-split R-Domination number of a graph	2015-2016	AVVM SPC
41.	A.BHUVANESWARI 15MAA559	A study on Mathematical modelling in Diabetes.	2015-2016	AVVM SPC
42.	G.ISWARYA 15MAA572	Application of Fuzzy relation in Medical Diagnosis.	2015-2016	AVVM SPC
43.	A.MATHUMITHA 15MAA579	A study on Mathematical Modelling in Obesity.	2015-2016	AVVM SPC
44.	N.ANANDARAJAN 15MAA701	A study on Types of Diophantine Equations	2015-2017	AVVM SPC
45.	D.ANITHA 15MAA752	A study on Pell's Equation and its Applications	2015-2017	AVVM SPC
46.	P.GILARA THERAS 15MAA753	A study on types of pell's Equation	2015-2017	AVVM SPC
47.	P.MANIVANAN 14MAA702(P.T)	A Study on Fuzzy Graphs	2016-2017	AVVMSPC
48.	L.VIJAYALAKSHMI 14MAA757(P.T)	A Study on Diophantine Equation	2016-2017	AVVMSPC
49.	DEFENDER RYNGKHLEM- 16MAA503	Application of the Splicing of Telephone cables using prime roots	2016-2017	AVVM SPC
50.	A.VENNILA 16MAA557	The first and second Zagreb indices of some graph operations	2016-2017	AVVM SPC
51.	P.ELANCHEZHIYAN 16MAA701	Application of linear Diophantine Equations in Teaching Mathematical Thinking	2016-2018	AVVM SPC
52.	N.CHOKKANATHAN 16MAA707	Application of Nearest –Door Neighbour Kruskal's Algoritham	2016-2018	AVVM SPC
53.	P.SIVASYLAM 16MAA713		2016-2018	AVVM SPC
54.	R.SIVARANJANI 16MAA758	Integer Solutions of Non-Linear Diophantine Equations Using continued Fractions	2016-2018	AVVM SPC
55.	S.KIRUTHIGA 16MAA765	Diophantine Equations and its Applications in real life	2016-2018	AVVM SPC
56.	N.ANANDARAJAN 15MAA701(P.T)	A study on types of Diophantine Equations	2016-2017	AVVMSPC

57.	D.ANITHA 15MAA752(P.T)	A study on Pell's Equation and its Applications	2016-2017	AVVMSPC
58.	P.CLARATHERAS 15MAA753(P.T)	A study on types of Pell's Equation	2016-2017	AVVMSPC
59.	J.EUGINE 17MAA502	On soft generalized alpha-b – closed sets in soft topological spaces.	2017-2018	AVVMSPC
60.	U.DURGA 17MAA561	Soft semi star Generalized Closed sets	2017-2018	AVVMSPC
61.	P.ELANCHEZLINGAM 16MAA701(P.T)	Continued fractions and their Applications to solving Pell's Equation.	2017-2018	AVVMSPC
62.	R.SIVARANJANI 16MAA758(P.T)	A study on Diophantine Equations of the form $a^x + b^y = c^z$	2017-2018	AVVMSPC
63.	S.KIRUTHIGA 16MAA765(P.T)	A Study on Diophantine Equations	2017-2018	AVVMSPC

ANNEXURE – XI

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

Sl. No.	Name of the Scholar	Title of the Thesis	Year of Study	University
1.	MRS.N.LATHA	MATHEMATICAL MODELS FOR CANCER THEOROPY	2014-2017	BARD,TRICHY
2.	MRS.M.USHARANI	MATHEMATICAL MODELS FOR DIABETIC	2015-2018	BARD,TRICHY
3.	MRS.S.ABIRAMASUNDARI	MATHEMATICAL MODELS FOR OBESITY	2015-2018	BARD,TRICHY
4.	MR.G.JAYAKRISHNAN	A STUDY ON DIAPHETINE EQUATIONS	2015-2018	BARD,TRICHY
5.	MR.S.SANKARANARAYANAN	A STUDY ON FUZZY APPROACH TO STATISTICAL ANALYSIS	2016-2018	BARD,TRICHY
6.	MR.B.SWAMINATHAN	MATHEMATICAL MODELS FOR DIABETICS	2017-2018	BARD,TRICHY
7.	MRS.K.G.JYOTHSNA	MATHEMATICAL MODELS FOR STRESS AND STRAIN	2014-2017	BARD,TRICHY
8.	Mr.N.SANJAIKUMAR	MATHEMATICAL MODELS FOR DIABETICS	2017-2018	BARD,TRICHY
9.	Mrs.S.MUTHUMANI	MATHEMATICAL MODELS FOR DIABETICS	2017-2018	BARD,TRICHY

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)
BARD, TRICHY	BOARD OF STUDIES MEMBER	-	-	YES	BARD, TRICHY	---
PERIYAR MANIAMMAI UNIVERSITY,VALLAM	BOARD OF STUDIES MEMBER	-	-	---	---	---
AVVM SRI PUSHPAM COLLEGE, POONDI	BOARD OF STUDIES MEMBER	-	YES	YES	---	---

SERVICE IN ACADEMIC / EXTRA CURRICULAR/ EXTENSION ACTIVITIES

Sl. No.	Name of the Activity	Period
1.	YOUNG STUDENTS SCIENTIFIC PROGRAMME-2017	04.05.2017 TO 18.05.2017
2.	INCHARGE-GENERAL TIME TABLE , AVVM SRI PUSHPAM COLLEGE,POONDI	JUNE 2016- TILL DATE

MEMBERSHIP IN PROFESSIONAL BODIES

Name of the Professional Body	National/International	Period
-	-	-

HONORS AND AWARDS RECEIVED : Best Teacher Award on 2014