NEHRU MEMORIAL COLLEGE (AUTONOMOUS)
PUTHANAMPATTI-621007

STAFF PROFILE

NAME OF THE STAFF   : **Dr. V. SAAVITHRI**

DESIGNATION   : **Associate Professor& Head**

DEPARTMENT   : **Mathematics**

1.   CONTACT

    Address   : **132, AIBEA Nagar,(Bank Colony), Thiruvanaikoil, Tiruchirappalli-620005**

    Contact Phone (Office)   :

    Contact Phone (Mobile)   : **9443856955**

    Contact e-mail(s)   : **saavithri_nmc@nmc.ac.in**

    : **saavithriramani@gmail.com**

    Skype id   : **saavithriramani@hotmail.com**

2.   ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
B.Sc.	GVG Visalakshi College, Udumalpet	1989
M.Sc.	NGM College, Pollachi	1991
M.Phil.	Avinashilingam Institute of Home Science, Coimbatore.	1992
Ph.D.	Bharathidasan University, Tiruchirappalli.	2005
Other Qualification	PGDOR	2000

3.   TEACHING EXPERIENCE

S. No.	Institution	Duration	No. of Years UG	No. of Years PG
1.	NGM College, Pollachi	04-01-1993 to 30-04-1993	4 months	4 months
2.	SASTRA University	23.12.1993 to 31.10.2004	10 Years, 10 Months	8 Years
3.	Bishop Heber College	01.11.2004 to 27.08.2007	2 Years,9 Months	2 Years,9 Months
4.	Nehru Memorial College	28. 08. 2007 to Till date	14 Years,6 Months	12 Years,6 Months (M. Phil)

4.   RESEARCH EXPERIENCE (in years)   : 12 Years, 6 Months

5.   AREA OF RESEARCH   : Mathematical Modelling
Stochastic Processes &
Statistical Distributions

6. RESEARCH GUIDANCE (In Numbers)**

Program of Study		Completed	Ongoing
Research	**Ph. D.**	4	1
	M. Phil.	37	-

7. PUBLICATION(S) (In Numbers)**

Journal(s)	
International	**National**
31	-

Cumulative Impact Factor (as per JCR)	71.1 (21 Publications)
h-index	Google Scholar- 2, Scopus -1
Total Citations	12

8. PRESENTATION(S) (In Numbers)**

Events	International	National
Conference(s)	7	
Seminar(s)		2

9. PARTICIPATION (In Numbers)**

Events	International	National	State	Regional
Conference(s)	3			
Seminar(s)		1		
Workshop(s)		4		
Symposium(s)		1		

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Course(s)
1	3	11	2

11. EVENT(S) ORGANIZED

S. No.	Name of the Programme	Role of Responsibility held	Name of the Resource Person	Date of the Event
1.	Webinar on " Statistics for Data Science"	Convener	Dr. B. Santhi, Associate Dean, Research, Professor, School of Computing SASTRA, Thanjavur	13.03.2021
2.	Webinar on "Role of Statistician in Data Science and Machine Learning"	Convener	Dr. Vishnu Vardhan Rudravaram, Assistant Professor, Department of Statistics, Ramanujan School of Mathematical Sciences, Pondicherry University, Puducherry	03.02.2021
3.	Prof. T. Jayaprakasam Endowment Lecture	Convener	Dr. T. Tamizh Chelvam Senior Professor of Mathematics (Retd) Manonmaniam Sundaranar University, Tirunelveli	03.10.2019
4.	Workshop on Soft Skill (College Level)	Convener	Dr. K. Muralidharan Assistant Professor, Dept. of Social Science, PSG College, Coimbatore.	15.02.2018
5.	Workshop on GST (College Level)	Convener	CA.K. Kumaraguru, Auditor, Cuddalore	06.02.2018
6.	Two-day Workshop on "Soft Skill"	Convener	Premanand Sivalingam Founder & CEO, A R R A N T HR Solutions (since 2008)	11–12, Feb 2017
7.	International Seminar on " Statistics and Data Science" (Online)	Convener	Dr. Nalini Ravishanker, Professor, dept. of Statistics, University of Connecticut.	23.12.2017
8.	International Seminar on	Convener	N. Balakrishnan,	28

			Distinguished University Professor, McMaster University, Hamilton, Canada	Nov 2016
9.	UGC Sponsored Two Day National Workshop on R Programming	Convener	Dr. Nanjundan Professor, Department of Statistics, Bangalore University Dr. S. R. Gani Associate Professor, Department of Statistics, Karnatak College, Dharwad Dr. R. Suresh Associate Professor, Department of Statistics, Karnatak College, Dharwad Mr. Sadiq Pasha Department of Statistics, Bangalore University, Bangalore	25– 26, Sep 2015
10.	Workshop on LaTeX	Convener	Dr. M. Paramasivam, Assistant Professor, Dept. of Mathematics, BHC, Trichy.	18–19, July 2014
11.	UGC Sponsored Two Day Workshop on LaTeX	Convener	Dr. M. Paramasivam, Assistant Professor, Dept. of Mathematics, BHC, Trichy.	11–12, Nov 2013
12.	National Workshop on Statistical Methods in Reliability and Survival Analysis	Convener	Prof. N Balakrishnan Distinguished University Professor, McMaster University, Canada	16–19, Oct 2012

12.   ACADEMIC / ADMINSTRATIVE RESPONSIBILITIES HELD

1. HOD (2014 May – Till date)
2. Chairman - Central Valuation of PG, NMC (June 2021 –Till date)
3. Chairman - Central Valuation of UG, NMC (June 2018 –May 2021)
4. NACC Criterion – II – Leader
5. Member - Result Passing Board, NMC (UG, M.Phil) (June 2014-Till Date)
6. Convener - Departmental Research Committee (June 2012- Till Date)
7. Member - Academic Audit Team of Department of Mathematics (Unaided), PSG College of Arts and Science, Coimbatore (August 2016)
8. Academic Council Teacher Representative (2011-2013)
9. M. Phil Programme – Coordinator (June 2008- April 2014)
10. Academic Council Teacher Representative (2011-2013)

11. NET/CSIR coaching class Coordinator (June 2009-May 2011)

13.   SERVED AS A RESOURCE PERSON (INVITED TALKS / GUEST LECTURES)

1. Resource Person for the Guest lecture Programme in KG College of Arts and Science Coimbatore, 2, July, 2021.
    Title: **Role of Linear Algebra in Data Science**
2. Resource person on 18.05.2021 in "AICTE - ISTE Sponsored One Week Virtual Refresher Programme on "Applied Mathematics" Phase III organized by the Department of Mathematics, M.Kumarasamy College of Engineering, Karur from 17.05.2021 to 22.05.2021.
3. Guest Speaker for the Data Science Club of Pondicherry University, Pondicherry on 11.10.2020
    Title: **Linear Algebra for Data Science**
4. Resource Person for Heber international Conference on Applications of Actuarial Science, Mathematics, Management & Computer Science organized by Bishop Heber College, Tiruchirappalli, 7th & 8th January 2019.
    Title: **Mixture Distributions**
5. Resource Person for the Guest lecture Programme in Srimad Andavan Arts and Science College, Trichy, 29th August, 2019.
    Title: **Applications of Statistical Distributions**
6. Resource Person for the Guest lecture Programme in SRM Trichy Arts and Science College, Trichy, 6th February, 2019.
    Title**: Applications of Statistical Distributions**
7. Resource Person for **R workshop for Students**, Bishop Heber College, Tiruchirappalli, 7th & 8th December, 2018.
8. Resource Person for **R workshop for Faculty**, Bishop Heber College, Tiruchirappalli, 5th October, 2018.
9. Chief Gust for the Association Meeting of the Dept. of mathematics, Holy Cross College, Tiruchirappalli, 29th August, 2018.
    Title: **Mathematical Softwares**
10. Resource Person for International conference on Recent trends in Mathematics & Information Technology (ICRMIT – 2018), Avinashilingam Institute for home science and higher education for women, Coimbatore, March 1st & 2nd , 2018.
    Title: **Image processing**
11. Resource Person for the Special Lecture Programme at Periyar E.V.R College, Thiruchirappalli, 23rd March, 2017.
    Title: **Problem Solving Skill**
12. Resource Person for Two Day Workshop on **R Programming Language** (Statistical Package) at Srimad Andavan Arts & Science College, Thiruchirappalli, 2nd & 3rd March, 2017.
13. Resource Person for Two Day Workshop on **LaTeX**, at Seethalakshmi Ramasamy College for Women, Thiruchirappalli, 22st and 23rd December, 2016.
14. Resource Person for One day Seminar on Recent Trends in Applied Mathematics at Holy Cross College, Thiruchirappalli, 24th August, 2016.
    Title: **Applications of Mathematics in Computer Graphics**
15. Resource Person for Special lecture Programme at National College for Women, Thiruchirappalli, 8th October, 2015.
    Title: **Radon Transform and Image Processing**
16. Resource Person for Special lecture Programme at Seethalakshmi Ramasamy College for Women, Thiruchirappalli, 21st September, 2015.
    Title: **Image Enhancement**
17. Resource Person for Special lecture Programme at Holy Cross College, Thiruchirappalli, 30th June, 2015.
    Title: **Mathematics-An introduction**
18. Resource Person for **One day Workshop on MATLAB** at Shrimati Indra Gandhi College, Thiruchirappalli, 07th May, 2014.

19. Resource Person for **National Conference** on Recent Trends in Mathematical Models (NCRTMM – 2014) at Govt Arts College for Women, Pudhukottai, 12th & 13th March, 2014.
   Title: **Hidden Markov Model**
20. Resource Person for One day Seminar on A Futuristic light on Applied Mathematics at Holy Cross College, Thiruchirappalli, 14th February, 2014.
   Title: **Mathematical Modeling**
21. Resource Person for One day seminar in Government Arts College , Trichy 22, 17, April 2013.
   Title: **Hidden Markov Model**
22. Resource person for the capacity building initiatives of Bishop Heber College , Trichy Trichy, 21, February 2012,
   Topic: "SLET/NET/CSIR: Way to Success" and Research Avenue
23. Resource person for one day seminar at Srinivasan College of Arts & Science, Perambalur.5, March 2012.
   Title: **Applications of Mathematics**

Chair Person for:

1. Heber international Conference on Applications of Actuarial Science, Mathematics, Management & Computer Science organized by Bishop Heber college, Tiruchirappalli, 7th & 8th January 2019.
2. International conference on Recent trends in Mathematics & Information Technology (ICRMIT – 2018) held on 1st & 2nd March 2018, Avinashilingam Institute for home science and higher education for women, Coimbatore.
3. Topology and its Applications in various Fields (NSTA17) organized by Seethalakshmi Ramasamy College for Women, Tiruchirappalli, 9th & 10th February 2017.
4. NACOMAT - 2K17, State level intercollegiate competition organized by National College, Tiruchirappalli, 7th February 2017.
5. Heber international Conference on Applications of Actuarial Science, Mathematics, Management & Computer Science organized by Bishop Heber college, Tiruchirappalli, 28th & 30th November 2016.
6. International conference (HICAMS), Bishop Heber College, Tiruchirappalli, 5-7,January 2012

14. DETAILS OF MEMBERSHIP

Academic Bodies (Board of studies)	- BOS- Chairman (UG - 2014-19, PG & M.Phil – (2019 – Till Date) - College Nominee in the Board of Studies in the Department of Mathematics, A.D.M.College for Women (Autonomous), Nagapattinam (2019-2022) - Member of BOS department of Mathematics, Srimad Andavan arts & Science College, Tiruchirappalli (2021-2024)
Professional Bodies	Life Member, ORSI, Kolkatta

15. ANY OTHER ACTIVIITIES

Number of Ph. D. thesis evaluated	1
Number of Ph. D. Public Viva Voce Examination conducted	1

16. DETAILS OF RESEARCH GUIDANCE

Ph. D. (Completed)

S. No.	Name	Title of thesis	Year of award
1.	R. Poornima	Mathematical Modelling using Lahmann-Type Laplace Distributions	2014
2.	V. S. Akilandeshwari	Mathematical model for Software Reliability Growth using Lahmann-Type Laplace Distributions	2019
3.	J. Priyadharshini	A Study on Compound COM-Poisson Distributions and its Applications	2020
4.	G. Shyamala	A Study on Compound COM-Poisson Processes and its Applications	2021
5.	S. Thilagarathinam	A Study on COM-Poisson Neyman type A distribution and its Applications	Ongoing

M. Phil. (Completed)

S. No.	Name	Title of thesis	Year of award
1.	N. Anitha	Mathematical Models Using COM-Poisson Neymann Type B Distribution	Nov-2020
2.	S. Anitha	Mathematical Models Using COM-Poisson Pascal Distribution	Nov-2020
3.	S. Jeyam	Mathematical Models Using COM-Poisson Thomas Distribution	Nov-2020
4.	S. Latha	Mathematical Models Using COM-Poisson Polya-Aeppli Distribution	Nov-2020
5.	S. Prakash	COM-Poisson Thomas Distribution	Aug- 2018
6.	P. Bavithra	COM-Poisson Beta Distribution	Aug- 2018
7.	Z. Parvin Banu	Compound COM-Poisson Distribution with Binomial Compounding Distribution	Aug- 2018
8.	S. Jegadeesan	A Study on Second Eigen Value of the Google Matrix	Feb- 2018
9.	M. Muralidhasan	Markov Chain and Page rank Algorithm	Jan- 2018
10.	S. Nivetha	Applications of COM-Poisson Polya-Aeppli and Neyman type A Distribution	Jan- 2018
11.	P. Maruthupandian	Two Parameter Weibull Distribution	Aug- 2016
12.	P. Radha	Three Parameter Gamma Distribution	Aug- 2016
13.	R. Vinothini	Two Parameter Gamma Distribution	Aug- 2016
14.	P. Shanthi	Three Parameter Weibull Distribution	Aug- 2016
15.	A. Ravichandran	A Study on Skew-Logistic Distribution	Nov-2016
16.	J. Priyadharshini	Order Statistics of Lehmann type Laplace Distribution Type-I	Sep- 2015

17.	Y. Yazhdevi	Order Statistics of Lehmann Type Laplace Distribution Type-II	Sep- 2015
18.	C. Kanjana	HMM Modelling of Exponential Distribution	Sep- 2014
19.	S. Mahalakshmi	A Study on Weibull Distribution	Sep- 2014
20.	S. Uma	HMM Modelling of Gamma Distribution	Sep- 2014
21.	R. Premalatha	A Study on Weibull Distributions and its Applications	Jan- 2016
22.	P. Priya	Statistical Distribution of DCT Coefficients	Aug- 2013
23.	R. Vahini	Image Processing using Statistical Distribution	Aug- 2013
24.	S. Sumithira	COM-Poisson Distribution	Aug- 2013
25.	N. Sangeetha	COM-Poisson Curate Survival Models	Aug- 2013
26.	V. Thavamani	Cost Analysis using Univariate Recruitment Policy	Aug- 2013
27.	R. Porkodi	Mathematical modelling of Digital Images	May- 2013
28.	J. Anusudha	Utility Functions	Feb- 2012
29.	V. Kanchana	Stable Portfolio Analysis	Feb- 2012
30.	P. Sasikala	Volatility Estimation using Statistical Distribution	Feb- 2012
31.	J. Narmatha Devi	Reliability for Laplace Distribution	Aug- 2012
32.	S. Poomathi	Skew- Laplace Distribution	Aug- 2012
33.	K. Dhanalakshmi	A Discrete Probability Problem Involving Dermal patches	Nov- 2011
34.	B. Sangeetha	The Risk Process	Oct- 2011
35.	S. Saranya	Mixture Distributions	Apr- 2010
36.	N. Sathish Kumar	The expectation maximization Algorithm	Nov-2009
37.	D. Suja	Trivariate Generalized Exponential Distribution	Nov-2009

17.   DETAILS OF PUBLICATIONS

(a)   JOURNAL(S)

S. N o.	Name of the author/s	Title of the paper with e-link	National / International	Name of journal	Volume Page No & Year	ISSN
1.	V.S.Akilandeswari V.Saavithri	A Comparative Study of Lehmann-Type Laplace Distribution Type I Order Statistics Software Reliability Growth Model	International	Journal of Information and Computational Science	Vol. 9, Issue. 10, pp. 247-276 (Thomson Reuters)	1548-7741
2.	S. Thilagarathinam	Traffic Accident Data Analysis using COM-Poisson Neyman	International	Journal of ADALYA	Vol.8, Issue 9, pp.1192-	1301-2746

	V. Saavithri	type A distribution https://www.dropbox.com/s/b4m44e8k4axbv14/120-Sep-1854.pdf?dl=0			1204. Sep-2019 (IF: 5.3) (UGC-Care Journal)	
3.	G. Shyamala, J. Priyadharshini V. Saavithri	Homogeneous COM-Poisson Pascal Process http://ijream.org/papers/IJREAMV05I0250077.pdf	International	International Journal for Research in Engineering Application & Management	Vol.05, Issue 02, May 2019, pp. 305-309 (IF: 3.10) (UGC Approved)	2454-9150
4.	G. Shyamala, J. Priyadharshini V. Saavithri	Homogeneous COM-Poisson Polya Aeppli Process http://j-asc.com/gallary_gen/ca2155724894dd4db19cd34741e68c6a0.png	International	Journal of Applied Science and Computations	Vol. 6, Issue 3, March 2019, pp. 1341-1349 (IF: 5.8) (UGC Approved)	1076-5131
5.	S. Thilagarathinam V. Saavithri	Moments of COM-Poisson Neyman type A Distribution http://www.j-asc.com/gallery/205-january-1828.pdf	International	Journal of Applied Science and Computations	Vol.6, Jan-2019, pp.1606-1641 (IF: 5.8) (UGC Approved)	1076-5131
6.	J.Priyadharshini, V.Saavithri	COM-Poisson Thomas Distribution http://ijrat.org/downloads/Vol-7/jan-2019/Paper%20ID-71201922	International	International Journal of Research in Advent Technology	Vol. 07, No 01, January 2019, 238-244 (IF: 3.12) (UGC Approved)	2321-9637
7.	J.Priyadharshini, V.Saavithri	COM-Poisson Pascal Distribution UGC_List_no_64077	International	International journal for Research in Engineering Application and Management	Vol. 04, Issue 08, Nov 2018, pp.146-151 (IF: 3.10) (UGC Approved)	2454-9150
8.		Software		Journal of		1076-

12.	V.S.Akilandeshwari V.Saavithri	Reliability Growth Models based on Order Statistics of Exponential Geometric and Half Logistic distributions with their Comparisons http://www.j-asc.com/gallery/201-november-1362.pdf	International	Applied Science and Computations	Vol. 5(11), Nov 2018, pp. 1668-1678 (IF: 5.8) (UGC Approved)	5131
9.	V.S.Akilandeshwari V.Saavithri	Algorithm and Matlab Program for Software Reliability Growth Model Based on Weibull Order Statistics Distribution http://ijasrm.com/wp-content/uploads/2018/11/IJASRM_V3S11_978_199_203.pdf	International	International Journal of Advanced Scientific Research and Management	Vol.3, Issue.11, Nov 2018, pp. 199-203 (UGC Approved)	2455-6378
10.	J.Priyadharshini V. Saavithri	A study on COM-Poisson process and its applications http://j-asc.com/gallary_gen/ca2155724894dd4b19cd34741e68c6a0.png	International	Journal of Applied Science and Computations	Vol.5, No.10, Oct 2018, pp. 487-497 (IF: 5.8) (UGC Approved)	1076-5131
11.	V.S.Akilandeshwari V.Saavithri	Kumaraswamy Modified Inverse Weibull Order Statistics Distribution Based Software Reliability Growth Model With Algorithm and MATLAB Program http://ijrar.org/ijrar%20ugc%20approval.pdf	International	International Journal of Research and Analytical Reviews	Vol. 5(4), Oct 2018, pp. 504-511 (IF: 5.75) (UGC Approved)	2348-1269, 2349-5138
12.	V.S.Akilandeswari	Algorithm For Pareto-Type III Software Reliability Growth Model	International	International Journal for Research in Engineering Application &	Vol-04, Issue-06, Sep 2018, pp. 58-63	2454-9150

				Management	(IF: 3.10) (UGC Approved)	
13.	V.S.Akilandeswari V.Saavithri	A Comparison of Software Reliability Growth Models Based on Kumaraswamy Modified Inverse Weibull Distribution and Lehmann-Type Laplace Distribution-Type II http://ijream.org/papers/IJREAM V04I0642025.pdf	Internatio nal	International Journal for Research in Engineering Application & Management	Vol-04, Issue-06, Sep 2018, pp. 58-63 (IF: 3.10) (UGC Approved)	2454-9150
14.	G. Shyamala, S.Thilagarathinam, V.Saavithri	Polya - Aeppli Reliability Model of a System http://ijmttjourn al.org/special-issue/ICRMIT/I CRMIT-P123.pdf	Internatio nal	International Journal of Mathematics Trends and Technology	Mar 2018, pp. 140-153 (IF: 2.53) (UGC Approved)	2231-5373
15.	V. Saavithri, S.Thilagarathinam P. Bavithra	COM-Poisson Beta Distribution https://ijmttjour nal.org/special-issue/ICRMIT/I CRMIT-P119.pdf	Internatio nal	International Journal of Mathematics Trends and Technology	Mar 2018, pp. 112-117 (IF: 2.53) (UGC Approved)	2231-5373
16.	S. Thilagarathinam V. Saavithri	COM-Poisson Neyman Type A Distribution and its Properties https://ijmttjour nal.org/special-issue/ICRMIT/I CRMIT-P120.pdf	Internatio nal	International Journal of Mathematics Trends and Technology	Mar 2018, pp. 118-124 (IF: 2.53) (UGC Approved)	2231-5373
17.	V. Saavithri , J. Priyadharshini Z. Prvin Banu	Compound COM-Poisson Distribution with Binomial Compounding Distribution https://ijmttjour nal.org/special-issue/ICRMIT/I CRMIT-P122.pdf	Internatio nal	International Journal of Mathematics Trends and Technology	Mar 2018, pp. 133-139. (IF: 2.53) (UGC Approved)	2231-5373
18.		COM-Poisson	Internatio	International	Mar 2018,	2231-

	J. Priyadharshini, V. Saavithri R.Seethalakshmi	Polya-Aeppli Distribution https://ijmttjournal.org/special-issue/ICRMIT/ICRMIT-P121.pdf	nal	Journal of Mathematics Trends and Technology	pp. 125-132 (IF: 2.53) (UGC Approved)	5373
19.	G. Shyamala, J. Priyadharshini V. Saavithri	A New Reliability Model for Optimal Software Release Time 10.26674/ijesacbt/2017/49180	International nal	International Journal of Engineering Science, Advanced Computing and Bio-Technology	Vol. 8, No. 3, July-Seb 2017, pp. 126-132	2249 – 5584
20.	V.S.Akilandeswari R. Poornima V.Saavithri	Lehmann-Type Laplace distribution-Type I software reliability growth model https://link.springer.com/article/10.1007%2Fs12597-016-0281-6	Internatio nal	**OPSEARCH**	Vol. 54, No 2, 2017, pp. 233-259, **Springer** (IF: 0.8) (UGC Approved)	0030-388
21.	R. Seethalakshmi, V. Saavithri	Mathematical Models for Financial Time Series Problems - A Review https://link.springer.com/article/10.1007/s12597-016-0281-6	Internatio nal Internatio nal	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Vol. 8, No. 1, Jan – Feb 2017, pp. 356 (IF: 0.35) (Thomson Reuters)	0975-8585
22.	V. Saavithri, J. Priyadharshini G. Shyamala	Software Reliability model using Shock model approach	Internatio nal	Aryabhatta Journal of Mathematics and Informatics	Vol.8, No.2, July – Dec 2016, pp. 260-264 (IF: 4.86)	2394-9309, 0975-7139
23.	V.S.Akilandeswari V.Saavithri	Algorithm for Software Reliability Growth Model based on Order Statistics of Lehmann-type Laplace Distribution-Type I http://www.isca.in/MATH_SCI/Archive/v4/i8/4.ISCA-RJMSS-2016-021.php	Internatio nal	Research Journal of Mathematical and Statistical Science	Vol. 4, Issue (8), pp. 15-25, Sep,12 (2016)	2320-6047

24.	R. Seethalakshmi, V. Saavithri	A Ranking and Selection Approach for Volatility in Financial Market https://www.researchgate.net/publication/284896185_A_ranking_and_selection_approach_for_volatility_in_financial_market	International	Global Journal of pure and Mathematics	Vol.10, 2015, No.4, pp. 8903-8912 (IF: 0.34)	0973-1768
25.	R. Seethalakshmi V. Saavithri	Parameter Estimation of Lehmann Type I Exponential Mixture Distribution https://www.researchgate.net/publication/282209848_Parameter_estimation_of_Lehmann_type_I_exponential_mixture_distribution	International	International Journal of Applied Engineering Research	Vol.10, 2015, No.4, pp. 8903-8912 (IF: 0.18)	0973-4562
26.	V.S. Akilandeswari, J. Priyadarshini, Y. Yazh devi V.Saavithri	Estimation of Parameters for Order Statistics of Lehmann Type I and Type II	International	Global Journal of pure and Mathematics	Vol.10, 2015, No.4, pp. 8903-8912 (IF: 0.34)	0973-1768
27.	V.S. Akilandeswari, R.Poornima V.Saavithri	Software Reliability Growth Model based on Order Statistics of Lehmann – Type Laplace Distribution Type-II	International	International Journal of Applied Engineering Research	Vol. 10, 2015, No.82, pp.72-78 (IF: 0.18)	0973-4562
28.	V.S. Akilandeswari, R.Poornima V.Saavithri	Lehmann – Type Laplace Distribution II Software Reliability Growth Model	International	International Journal of Applied Engineering Research	Vol. 10, No.13, 2015, pp.32835-32841 (IF: 0.18)	0973-4562
29.	R. Seethalakshmi	Gaussian Scale Mixture Model for Estimating Volatility as a Function of Economic Factor	International	World Applied Sciences Journal	Vol. 32 (6), 2014, pp. 1035-1038 (IF: 0.71)	1818-4952

	V.Saavithri	https://pdfs.sema nticscholar.org/8 0c1/a2a8c481d0a a6731b3507b662 c21c2c6826e.pdf				
30.	R. Seethalakshmi V.Saavithri	Gaussian-Generalized Exponential Mixture Distribution https://www.rese archgate.net/pub lication/2887412 73_Gaussian-generalized_exp onential_mixtur e_distribution	Internatio nal	International Journal of Applied Engineering Research	Vol. 9, No.13, 2014, pp. 2369-2378 (IF: 0.18)	0973-4562
31.	R.Poornima V.Saavithri	Image Enhancement using Laplace and Lehmann – Type Laplace Distributions http://www.asce nt-journals.com/IJ MSEA/Vol7No5/ 2-poornima.pdf	Internatio nal	International Journal of Mathematical Sciences and Engineering Applications	Vol. 7, Sep 2013, pp.15-26 (IF: 0.56)	0973-9424

18. DETAILS OF PRESENTATION(S)

(Conference(s) / Seminar(s))

S. No.	Name of the Paper	Name of the Conference / Seminar	National/ International	Place	Duration/ Date
1.	Polya - Aeppli Reliability Model of a System	International Conference on Recent trends in Mathematics and information Technology	International	Avinashilingam Institute for home science and higher education for women, Coimbatore	1–2, March 2018
2.	COM-Poisson Beta Distribution	International Conference on Recent trends in Mathematics and information Technology	International	Avinashilingam Institute for home science and higher education for women, Coimbatore	1–2, March 2018
3.	COM-Poisson Neyman Type A Distribution and its Properties	International Conference on Recent trends in Mathematics and information Technology	International	Avinashilingam Institute for home science and higher education for women,	1–2, March 2018

S. No.					Coimbatore	
4.	Compound COM-Poisson Distribution with Binomial Compounding Distribution	International Conference on Recent trends in Mathematics and information Technology	International	Avinashilingam Institute for home science and higher education for women, Coimbatore		1–2, March 2018
5.	COM-Poisson Polya-Aeppli Distribution	International Conference on Recent trends in Mathematics and information Technology	International	Avinashilingam Institute for home science and higher education for women, Coimbatore		1–2, March 2018
6.		UGC Sponsored Two day National Seminar on "Topology and its Applications in Various Fields"	National	Seethalakshmi Ramaswami College		9–10, February 2017
7.	Polya-Aeppli Software Reliability Model	UGC Sponsored Two day National Seminar on "Topology and its Applications in Various Fields"	National	Seethalakshmi Ramaswami College		9–10, February 2017
8.	Software reliability using Shock model approach	Heber international Conference on Applications of Actuarial Science	International	Bishop Heber College		28–30, November 2016
9.	Software Reliability model using Shock model approach	Heber international Conference on Applications of Actuarial Science	International	Bishop Heber College		28–30, November 2016
10.	Gaussian Kernel based HMM for Time Series Data Analysis	IEEE-International Conference on Management Issues in Emerging Economies-ICMIEE	International	SASTRA University, Thanjavur		17-18, August 2012
11.	Trivariate Generalised Exponential Distribution	NCOAMSDEA-2009	National	Kunthavai Nachiar College, Thanjavur		31-08-2009 to 01-09-2009

(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s))

S. No.	Name of the event(s)	Sponsored by	Conducted by	Place	Duration / Date
Conference(s)					
1.	Heber international Conference on Applications of Actuarial	UGC	Department of Auctorial Science,	Bishop Heber	

	Science, Mathematics, Management & Computer Science		Bishop Heber College, Trichy	College	28 – 30, Nov-2016
2.	International conference on Recent trends in Mathematics & Information Technology	UGC	Avinashilingam Institute for home science and higher education for women, Coimbatore	Avinashilingam Institute for home science and higher education for women	1– 2, Mar 2018
3.	Heber international Conference on Applications of Actuarial Science, Mathematics, Management & Computer Science	UGC	Department of Auctorial Science, Bishop Heber College, Trichy	Bishop Heber College	7 – 8, Jan 2019
Seminar(s)					
1.	Two-Day State Level Training Program on "Administrative Skill Development"	UGC	NMC	NMC	23-24, Feb 2017
Workshop(s)					
1.	International Workshop on Image Processing Research with MATLAB	UGC	Computer Society of India, Trichy Chapter	Computer Society of India, Trichy Chapter	5.08.2015
2.	National Workshop on Data Science	Bharathidasan University, Trichy	Bharathidasan University, Trichy	Bharathidasan University, Trichy	16–17, Mar 2017
3.	Two Day workshop on "Innovative Curriculum Design"	UGC	NMC	NMC	24–15, Nov 2017
Symposium(s)					
1.	Symposium on mathematical Analysis	UGC	Indian Statistical Institute, Chennai Centre	Indian Statistical Institute, Chennai Centre	9.12.2014

20. DETAILS OF PROFESSIONAL DEVELOPMENT

(Orientation / Refresher Course / FDP / Short Term Course / Online Course)

S. No.	Name of the events	Sponsored by	Conducted by	Place	Duration/ Date
Orientation Programme					
1.	Orientation Course	**UGC**	Bharathidasan University	Bharathidasan University, Tiruchirappalli	21 days 02.03.2010 to 29.03.2010
Refresher Course					

1.	Refresher Course in Teacher Education (Multidisciplinary)- Learning Outcomes and Educational Reforms: Pedagogy, Assessment and Quality Assurance	**UGC**	Bharathidasan University	Bharathidasan University, Tiruchirappalli	14 days 24.02.2021 to 09.03.2021
2.	Refresher Course in Mathematics and Statistics	**UGC**	Pondicherry University	Pondicherry University	14 days 01.08.2019 to 14.08.2019
3.	Refresher Course in Mathematics	**UGC**	Bharathidasan University	Bharathidasan University, Tiruchirappalli	21 days 10.11.2011 to 30.11.2011
Faculty Development Programme					
1.	Two Day faculty development Programme on Outcome Based Education: Mapping and Rubrics	NMC	Internal Quality Assurance Cell of NMC	NMC	20– 21, May 2021
2.	Two Day faculty development Programme on Online Teaching, Learning and Evaluation	NMC	Internal Quality Assurance Cell of NMC	NMC	10–11, August 2020
3.	Two Day faculty development Programme	UGC	Internal Quality Assurance Cell of NMC	NMC	11–12, June 2018
4.	Student Skill: Mentoring & Counselling	UGC	Internal Quality Assurance Cell of NMC	NMC	24 – 25, November 2017
5.	Two-Day State level Training Programme on "Administrative Skill Development"	UGC	Internal Quality Assurance Cell of NMC	NMC	23 – 24, February 2017
6.	Two Day Workshop on Innovative Curriculum Designing	UGC	Internal Quality Assurance Cell of NMC	NMC	24 – 25, November 2017
7.	Revisiting Examination System in the Current Scenario	UGC	Internal Quality Assurance Cell of NMC	NMC	19,March 2016
8.	Sustenance/ Enhancement of Quality in Higher Education	UGC	Internal Quality Assurance Cell of NMC	NMC	5, August 2015
9.	Impact of Research on Teaching in Higher Education	UGC	Internal Quality Assurance Cell of NMC	NMC	11,June2014

10.	One day seminar on Examination Reforms	UGC	Internal Quality Assurance Cell of NMC	NMC	16, February 2013
11.	Four-day Training-cum-Production workshop on e-Content Development	UGC	Internal Quality Assurance Cell of NMC	NMC	23 -26, October 2013
Short Term Course					
1.	Short Term Courses in Leadership Development Programme for Senior Level Teachers	UGC	HRDC ,BDU	BDU	10-16, February 2021
2.	Short Term Courses in MOOCs, E-Content & Open Educational Resources and Curriculum Development & Evaluation – Valediction	UGC	HRDC ,BDU	BDU	7 – 13, January 2020