

Curriculum Vitae



- I. Name** : Dr. Dais George
- II. Designation** : Associate Professor
- III. Date of Birth** : 03-05-1968
- IV. Address** : Valiaveettil (Chathimattom) (H),
Amayannoor P.O., Kottayam
- V. E-mail ID and Mob.No.** : daissaji@rediff mail.com, 9446862057
- VI. Department** : Statistics
- VII. Date of Appointment** : 03-09-1996
- VIII. Year of Service and Date of Retirement** : 18 Years
- IX. Qualification (Degree onwards)** : B.Sc, M.SC., M. Phil, B.Ed , M. Ed, Ph.D, DCPT,
NET

Sl.No	Qualification	Year	Mark(%)	Class/Distinction	University
1.	B.Sc	1988	93	Distinction	Mahatma Gandhi University, Kottayam
1.	M.SC.	1990	60.4	First Class	Mahatma Gandhi University, Kottayam
2.	M. Phil	1992	78.4	Distinction	Meerut University, Meerut
3.	B.Ed	1991	68.5	First Class	Mahatma Gandhi University, Kottayam
4.	M. Ed	1995	76.8	Distinction	Mahatma Gandhi University, Kottayam
5.	Ph.D	2012			Mahatma Gandhi University, Kottayam
6.	DCPT	2014	91	Distinction	Calicut University
7.	NET	2006			UGC

X. REFRESHER/ ORIENTATION COURSES ATTENDED :

Sl. No	Title	Year	Period	Host Institution	Sponsoring Agency
1.	Orientation Course	1998	19-01-1998 to 15-02-1998	Academic Staff College, Pondicherry University	UGC
2.	Refresher Course in Statistics	2002	27-07-2002 to 17-08-2002	Academic Staff College, Univ. of Kerala	UGC
3.	Refresher Course in Mathematical Statistics	2004	25-11-2004 to 16-12-2004	Cochin Univ. of Science and Technology	UGC
4.	Refresher Course in Bio-Statistics	2005	14-10-2005 to 04-11-2005	Academic Staff College, Univ. of Kerala	UGC

XI. Project Undertaken : (PDF of order is required)

(a) MAJOR RESEARCH PROJECTS UNDERTAKEN :

Sl.No	Title of the Projects	Year of Award	Order No & Date	Period	Agency	Total Amount
1.	. Generalizations and Applications of Esscher Transformed Laplace Distribution	Work still going on		2013-2016	UGC	Rs.11,68,300/-

(b) MINOR RESEARCH PROJECTS UNDERTAKEN

Sl.No	Title of the Projects	Year of Award	Order No & Date	Period	Agency	Total Amount
1.	Time series modeling of internet traffic data to analyze the server performance	2006		2006-2008	UGC	Rs. 60,000/-

XII. Paper Publications:(PDF required)

(a) Research Papers Published In National Journals

Sl.No	Title of the Paper	Name of the Journal	Volume, Year and Page No.
1.	Trajectory clustering of network constrained moving objects and applications to Web usage mining	ACUMEN	2011, 5(2), 87-103
2.	Lower Confidence Limits for Process Capability Indices	Catholicate Journal of Studies and Research	2015, 4(1), 25-32

(b) RESEARCH PAPERS PUBLISHED IN INTERNATIONAL JOURNALS :

Sl.No	Title of the Paper	Name of the Journal with ISSN No	Volume, Year and Page No.
1	A Robust Estimator of $R = P(X > Y)$ of Heavy-tailed Distributions and its Sampling Distributions	Mathematics and Statistics	2(3): 150-154, 2014
2	Marshall-Olkin Esscher transformed Laplace distribution and processes	Brazilian Journal of Probability and Statistics	2013, Vol.27, No.2, 142-184.
3	Sampling distributions of the estimators of Pareto distribution	Vimala International Research Journal for Pure and Applied Sciences	2013, 1(1), 27-35
4	Esscher transformed Laplace distributions and its applications	Journal of Probability and Statistical Sciences	2012, 5 (45), 2225 – 2235.
5	Application of generalized confidence interval in the study of Web performance	International Journal of Web Applications	2011, 3(3), 138-151.
6	Application of Esscher transformed Laplace distribution in Web server data	Journal of Digital Information Management	2011, 9(1), 19-26.
7	Analyzing the tail heaviness of Web server data, , 1(4), 201-214.	International Journal of Web Applications	2009, 1(4), 201-214.
8	Reliability estimation in stress strength models using Hill and Harmonic Moment Estimators	STARS	2010, 12 , 21-31
9	Role of Statistics in Data Mining	STARS	2005,3(2), 41-51.

(c) Research Papers Published in Proceedings of National/International Journals

Sl.No	Title of the research paper	Main theme of the conference	University/ Institution	Date	Sponsoring Agency
1.	A Review on Asymmetric Laplace Distribution and its Applications in Time Series Modelling	National Seminar On Recent Advances in Statistical Theory and Computational Techniques	Dept. of Statistics, Catholicate College , Pathanamthitta	06-07, February 2015	UGC
2.	Three Parameter Esscher Transformed Laplace Distribution	National Seminar On Recent Advances in Statistical Theory and Computational Techniques	Dept. of Statistics, Catholicate College , Pathanamthitta	06-07, February 2015	UGC
3.	A Review on Discrete Analogue of Some Continuous Distributions	National Seminar On Recent Advances in Statistical Theory and Computational Techniques	Dept. of Statistics, Catholicate College , Pathanamthitta	06-07, February 2015	UGC
4.	WEBTRACCLUS - a spatio-temporal clustering tool for personalization and mining of health care Web portals	4th ACM International Conference PETRA-2011	Greece	May 25-27, 2011.	ACM
5.	Generalized Confidence Interval for $R = P(X > Y)$ of Pareto distribution and its application in Web performance	4 th IEEE International Conference on Digital Information Management	USA	12-14 August 2011	IEEE
6.	Reliability estimation in heavy-tailed distributions using a robust estimator	IEEE International Conference on Quality and Reliability	Bangkok, Thailand	14-16 September 2011.	IEEE
7	A study on the characteristics of Web server data	Int'l Conference on Data Engineering and Management,	Bishop Heber College Puthur, Tiruchirappalli, Tamilnadu	09-02-2008	

(d). TITLE OF M.Phil Dissertation :

Faculty	Specialization	Title of dissertation	University	Year of award
Statistics	Distribution Theory	On the Robustness of SPRT	Meerut University, Meerut	1992

(e). TITLE OF PhD THESIS

Faculty	Specialization	Title of dissertation	University	Year of award
Statistics	Distribution Theory	A Class of Heavy-tailed Distributions and Their Applications	Mahatma Gandhi University	2012

XIII. Paper Presentations: (If published in proceedings, PDF required)

1. RESEARCH PAPERS PRESENTED IN INTERNATIONAL CONFERENCES/SEMINARS

Sl. No	Title of the research paper	Main theme of the conference	University/ Institution	Date	Sponsoring Agency	Published or not
1.	q- Esscher transformed Laplace Distribution	National Seminar on Applied Statistical Methodology with Special Emphasis on Time Series Analysis and Annual Conference of the Kerala Statistical Association	P.G & Research Dept. of Statistics, Nirmala College, Muvattupuzha	12-13 February, 2016	UGC	
2.	Marshall-Olkin Extended Esscher transformed Laplace Distribution	National Seminar on Recent Advances Statistical Techniques for data analysis and the importance of statistical softwares	Dept. of Statistics, Assumption College, changanacherry	10-11, August 2015	UGC	
3.	Modelling the Heavy-tailed behavior of Web traffic variables using Esscher Transformed Laplace Distributions UGC Sponsored,	National Seminar On Recent Advances in Statistical Theory and Computational Techniques in collaboration with	Dept. of Statistics, Catholicate College , Pathanamthitta	06-07, February 2015.	UGC	

		KSA				
4.	Extended Esscher transformed Laplace Distribution	National Level Conference on Interdisciplinary Realms Of Statistics in conjunction with the Annual conference of KSA	Dept. of Statistics, Sree Kerala Varma College , Thrissur	9-10, January 2015	UGC	
5.	Three parameter Esscher transformed Laplace distribution and its applications	International Conference on Stochastic Modeling	Department of Statistics and Biostatistics, St. Thomas College, Pala	3-4 Jan. 2014		
6.	Spatio-Temporal disease Clustering Using Spatial Scan Statistic	International Conference on Epidermology	Department of Statistics and Biostatistics, St. Thomas College, Pala	16-18 August, 2012	MOSPI, ICMR, DST, UGC, CSIR and KSCSTE	
7.	Modelling File Size Distribution of Web Usage Pattern Using an Asymmetric Heavy-tailed Distribution	International Conference on Statistics and Information Analytics	Layola College, Chennai	23-25 August 2012.		
8.	WEBTRACCLUS - a spatio-temporal clustering tool for personalization and mining of health care Web portals	4th ACM International Conference PETRA-2011	Greece	May 25-27, 2011.	ACM	Published in Proceedings
9.	Reliability estimation in stress strength models using Hill and Harmonic Moment Estimators	International Conference on Actuarial Statistics, Bio-Statistics and Stochastic Modeling	Department of Statistical Sciences, Kannur University	12-14 Jan. 2011		
10.	Generalized Confidence Interval for $R = P(X > Y)$ of Pareto distribution and its application in Web performance	4th IEEE International Conference on Digital Information Management	USA	12-14 August 2011	IEEE	Published in Proceedings
11.	Reliability estimation in heavy-tailed distributions using a robust estimator	IEEE International Conference on Quality and Reliability	Bangkok, Thailand	14-16 September 2011.	IEEE	Published in Proceedings

12.	Marshall-Olkin exponentially tilted Laplace distribution and its application in time series modeling	International Conference on Statistics and Information Analytics	Layola College, Chennai	11-13 Jan. 2010		
9	A study on the characteristics of Web server data	Int'l Conference on Data Engineering and Management,	Bishop Heber College Puthur, Tiruchirappalli, Tamilnadu	09-02-2008		978-81-906267-0-5

2. RESEARCH PAPERS PRESENTED IN NATIONAL CONFERENCES/SEMINARS

Sl.No	Title of the research paper	Main theme of the conference	University/ Institution	Date	Sponsoring agency	ISBN No.
1	A class of heavy-tailed distributions and their applications	National seminar on Process capability studies with special emphasis on computational techniques and recent trends in Statistics	Postgraduate and research dept. of Statistics, Nirmala College, Muvattupuzha	3-5 October 2013	UGC	
2	Fuzzy Process Capability Indices	National seminar on Process capability studies with special emphasis on computational techniques and recent trends in Statistics	Postgraduate and research dept. of Statistics, Nirmala College, Muvattupuzha	3-5 October 2013	UGC	Published in Proceedings
3	A study on a class of asymmetric Laplace distributions	National seminar on Statistical Theory and Applications	Department of Statistics and Biostatistics, St. Thomas College, Pala	15-16 March 2013	KSA	
4	Estimation of $P(X > Y)$ for Esscher Transformed Laplace Distribution	National Seminar on Recent advances in Computational Statistics-Theory and Methods	Dept. of Statistics, Bharathidasan University, Thiruchirappalli	17-18 February, 2012	UGC	
5	Autoregressive Processes with Esscher transformed Laplace Marginals	National Seminar on Recent Trends in Statistics and Related Areas and Annual Conference of Kerala Statistical Association	Department of Statistics, University of Calicut	15-17 March 2012	KSA	
6	Web characterization related to time dimension	National conference on computing and communication	School of Computer Science, M.G. University, Kottayam	26-27 May, 2011.		
7	Marshall-Olkin Esscher transformed Laplace	National Conference on Statistics for twenty first	Department of Statistics, University of	17-19 March,	UGC	

	processes	century	Kerala	2011	&KSA	
8	SmooWeighted Hill estimator for the tail index parameter in file size distribution of Web Usage Pattern-	<i>Seminar on New trends in Applied Statistical Methodology and Annual Conference of KSA</i>	<i>Postgraduate and research dept. of Statistics, Nirmala College, Muvattupuzha</i>	25-27February, 2010	UGC, KSCST E&KSA	Proceedings published
9	Data mining techniques and applications	National Seminar on data mining techniques and Applications	Dept. of Computer Applications, Marian College Kuttikkanam	16-17 March2007	UGC & M.G. University, Kottayam	
10	Analysis of tail index of Web server data	National conference on Statistics and Computer Applications and 10 th annual conference of the society of Statistics, Computer and applications	Department of Statistics, St.Thomas College, Pala	16-18November 2007	M.G. University, Kottayam	
11	Interacting roles of Data Mining and Statistics	XXIV thAnnual Conference of Indian Society for Probability and Statisticsand National Seminar on Recent Advances in Statistical Theory and Applications	Department of Statistics, St.Thomas College, Pala	4-6 November 2004.	DST,C SIR,RBI and Rubber Board	

3. SPECIAL RESEARCH TRAINING PROGRAMMES/ WORKSHOPS ATTENDED :

Sl.No	Topic	Institution	Sponsoring Agency	Date
1	National Workshop on Statistical Data Analysis using SPSS and R	Dept. of Mathematics/ StatisticsBaselious College, Kottayam	UGC	23-25 Jan 2014
2	National Workshop on A-VIEW	AmalJyothi College of Engineering, Kottayam	NME-ICT (MHRD)	14 Dec. 2012

3	Orientation Programme on Women Empowerment	Dept. of Student Services, M.G. Univ. & Catholicate College, Pathanamthitta	UGC	19-20 Sept. 2012
4	Science Academies Lecture Workshop on Statistical applications in Industry, Business, Agriculture and Ecology	Department of Statistics, St. Thomas College, Pala	IAS, Bangalore, INSA, New Delhi & NASI, Allahabad	26-28 March 2011
5	National Workshop on Bayesian Statistics & MCMC Methods using BUGS & R	Department of Statistics, St. Thomas College, Pala		26-30 June 2009
6	National Workshop on Fractional Calculus and Statistical Distributions	Centre for Mathematical Sciences, Pala	DST	25-27 Nov. 2009
7	Workshop in MATLAB and MATHEMATICA	Dept. of Mathematics, Govt. College, Kottayam	UGC	20-22 February 2007
8	Formulation of Research Projects for funding	Kerala Academy of Sciences & Catholicate College, Pathanamthitta		26-08-2006
9	National Workshop and Lecture Series on Statistics in Theory and Practice	Department of Statistics, St. Thomas College, Pala		1-3 October 2003

4. FACULTY DEVELOPMENT PROGRAMME ATTENDED :

Sl.No	Topic	Institution	Sponsoring Agency	year
1.	Educational Seminar	Catholicate College, Pathanamthitta	Corporate Management of MOC Colleges, Devalokam	2016
2.	Educational Seminar	K.G. College, Pampady	Corporate Management of MOC Colleges, Devalokam	2015
3.	Educational Seminar	St. Cyril's College, Adoor	Corporate Management of MOC Colleges, Devalokam	2014
4.	Educational Seminar	Catholicate College,	Corporate Management of	2008

		Pathanamthitta	MOC Colleges, Devalokam	
5.	Quality and Excellence in higher Education	St. Cyril's College, Adoor	Corporate Management of MOC Colleges, Devalokam	2007
6.	Duality and Excellence in Higher Education in the cyber Age	K.G.College, Pampady	Corporate Management of MOC Colleges, Devalokam	2006
7.	Towards Professional Excellence	Baselious College, Kottayam	Corporate Management of MOC Colleges, Devalokam	2004

5. BOOKS PUBLISHED : (attach PDF of Cover page)

Sl.No	Title of the Book	ISBN No	Name of the publishing Company and Year
1.	One Chapter A Generalization of the Esscher transformed Laplace Distribution with Applications of the book Collection of Recent Statistical Methods and Applications	978-93-5104-794-0	Dept. of Statistics, Univ. of Kerala, 83-96, 2013
2.	One Chapter Web characteristics related to time dimension of the Book Computing and Communication	978-81-8487-178-4	Narosa Publications, 48-54, 2012

6. Position in Board of Studies:

MEMBERSHIP IN ACADEMIC BODIES/ RESEARCH ORGANISATIONS :

Sl.No	Name of the organisation	Position	Place of organisation
1.	Kerala Statistical Association	Executive Member	Kerala
2.	Board of Studies (UG)	Member	Mahatma Gandhi University, Kottayam
3.	Board of Examiners	Chairman for II Sem CBCSS & Deputy Chairman for I,III &IV Sem CBCSS	Mahatma Gandhi University, Kottayam
4.	Mar Evanios College, Thiruvananthapuram	External Question Paper Setter	Autonomous College
5.	Add on Course	Coordinator core committee member mg university	Catholicate college Pathanamthitta
6.	Add on Course	Core committee member	Mahatma Gandhi University, Kottayam

7. Position as subject Expert.

Sl.No	Position	Board	Period	University
1.	Subject Expert for the Appointment of Permanent Teachers		2015-	M.G. University

8. APPROVED RESEARCH SUPERVISING TEACHER : Dr. Dais George

Sl.No	Name of the university	Subject
1.	Bharathiar University, Coimbatore	Statistics

9. AS RESOURCE PERSON TO OTHER INSTITUTIONS :

Sl.No	Title of the Programme	Name of the university/Institution	Date
1.	Invited talk to UGC sponsored National Seminar	Newmann College, Thodupuzha	30 Aug. 2013

10. ACADEMIC COLLABORATION TO INDUSTRY/ INSTITUTION : Nil

Sl.No	Name of the University/ Organisation/Industry	Title of the academic activity	Period
1.	Riyadh University, Saudi Arabia	Research paper titled "Generalized Confidence Interval for $R = P(X > Y)$ of Pareto distribution and its application in Web performance" presented and published in the 4 th IEEE International Conference on Digital Information Management at USA	12-14 August, 2011
2.	Newmann College, Thodupuzha	Lower Confidence Limits for Process Capability Indices	2015, 4(1), 25-32

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