

Curriculum Vitae

Name : Seemon Thomas

Designation : Principal

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Date of Birth : 24.12.1970

Date of Joining : 20.01.2021

Teaching experience : 26 years
-From 22.08.1996 to 8.10.1997 at St Joseph's College, Devagiri, Kozhikode.
-From 09.10.1997 to 19.01.2021 at St Thomas College, Palai.
- From 20.01.2021 to till date at St Dominic's College, Kanjirapally

Educational Qualifications

M.Sc. (1993) : St Thomas College, Pala, Mahatma Gandhi University
M.Phil. (1996) : Department of Statistics, University of Kerala
Ph.D. (2008) : St Thomas College, Pala, Mahatma Gandhi University
Passed joint CSIR-UGC test and qualified for UGC-JRF.

Research Experience

- Research supervisor in Statistics at St.Thomas college Palai (Mahatma Gandhi University).
 - Successfully guided three students for the award of Ph.D.
 - Presently three research scholars pursuing Ph.D.
- Reviewer of *American Mathematical Reviews*, American Mathematical Society, USA

Research Publications

1. Seemon Thomas (1999), Importance of Proper Statistical Education. *STARS*, **1**, 10-13.
2. Seemon Thomas and Sebastian George (2004), A Review of Dirichlet distribution and its generalizations, *Journal of the Indian Society for Probability and Statistics*, **8**, 72-91.
3. Seemon Thomas, Alex Thannippara, D.K.Ghosh and S.C. Bagui (2004), Construction of E-optimal generalized group divisible designs through certain hypercubic designs, *Journal of Statistical Theory and Applications*, **3**(4), 299-306.
4. Seemon Thomas and Joy Jacob (2006), A generalized Dirichlet model, *Statistics & Probability Letters*, **76**, 1761-1767.
5. Seemon Thomas, Alex Thannippara, S.C. Bagui and D.K.Ghosh (2006), Determination of Optimal Block Designs with Pre-assigned Variance for Elementary Contrasts, *Journal of Modern Applied Statistical Methods*, **5** (2), 390-394.
6. Seemon Thomas, Alex Thannippara and A.M. Mathai (2008), On a matrix-variate generalized type-2 Dirichlet model, *Advances and Applications in Statistics*, **8**(1), 37-56.
7. Seemon Thomas and Alex Thannippara (2008), Distribution of Λ -criterion for sphericity test and its connection to a generalized Dirichlet model, *Communications in Statistics-Simulation and Computation*, **37**, 1384-1394.

8. Seemon Thomas, Alex Thannippara and A.M. Mathai (2008), On a matrix-variate generalized type-1 Dirichlet model, *Journal of Probability and Statistical Science*, **6**(2), 187-200.
9. Seemon Thomas and Alex Thannippara (2008), Distribution of the LR criterion $U_{p,m,n}$ as a marginal distribution of a generalized Dirichlet model, *STATISTICA*, **LXVII**(3-4), 375-390.
10. Seemon Thomas and A.M. Mathai (2009), p-content of a p-parallelotope and its connection to likelihood ratio statistic, *Sankhya A* **71**(1), 49-63.
11. Seemon Thomas and Alex Thannippara (2009), Majorization and Applications to Block Designs, *Utilitas Mathematica* **79**, 59-70.
12. Seemon Thomas, A.M.Mathai and H.J.Haubold (2012), An entropic pathway to multivariate Gaussian density, *Mathematica Aeterna* **2**(1), 51-61.
13. Seemon Thomas (2016), On some Integral Representations of Certain G-Functions. *Axioms* **5**(1), 1-5.
14. Joshni George and Seemon Thomas (2017), Poisson-hidden Markov model for overdispersed time series count data, *Research & Reviews: Journal of Statistics*, **6**(3),56-61.
15. Sibil Jose and Seemon Thomas (2018). Generalized confidence intervals for the overlapping coefficient of two Pareto distributions. *International Journal of Computational and Theoretical Statistics*, **5**(2), 95-100.
16. Joshni George and Seemon Thomas (2018), Modeling of Dengue fever death counts using hidden Markov model, *Journal of Environmental Statistics*, **8**(9), 1-11.
17. Sibil Jose and Seemon Thomas (2018), Interval estimation of the overlap coefficient of two normal distributions. *Discussiones Mathematicae Probability and Statistics*, **38**, 5-13.
18. Sibil Jose and Seemon Thomas (2019), Interval estimation of the overlapping coefficient of two normal distributions: One way ANOVA with random effects. *Thailand Statistician*, **17**(1), 84-92.
19. Sibil Jose, Seemon Thomas and Thomas Mathew (2019), Interval estimation of the overlapping coefficient of two exponential distributions, *Journal of Statistical Theory and Applications*, **18**(1), 26-32.
20. Joshni George and Seemon Thomas (2019), Modeling of agricultural price data using hidden Markov model. *International Journal of Computational and Theoretical Statistics*, **6**(1), 19-25.
21. Sibil Jose and Seemon Thomas (2020), Interval estimation of the overlapping coefficient of two multivariate normal distributions, *Thailand Statistician*, **18**(4), 420-428.
22. Sanju Scaria, Seemon Thomas and Sibil Jose (2021), Generalized inference on stress-strength reliability in generalized Pareto model. *Journal of Reliability and Statistical Studies*, **14**(1), 199-208.

Book Published

Name of the book	: Basic Statistics
Publisher	: Alpha Science International Ltd (31 October 2014)
ISBN-10	: 1842658492
ISBN-13	: 978-1842658499

Positions held

- Member of Board of Studies of UG/PG of Calicut, Kannur and Mahatma Gandhi Universities.
- Chairman/Member of Board of Examiners of UG (B.Sc. Mathematics/ Statistics and B.A. Economics) and PG (M.Sc. Statistics/Applied Statistics/Biostatistics) Programs.
- Chairman/Member of Board of PG Question Paper Setters of Kerala, Calicut and Kannur Universities.
- NSS Programme Officer (1999-2002).

- Coordinator of International conference on Mathematical Sciences (ICMS-2011) and organizer of several national seminars/conferences.
- Resource person for DST-SERC schools, Refresher/Winter school/ workshops/ seminars/conferences.
- Master Trainee for census 2001 and 2011.
- Core committee member of UG & PG courses in Bio-informatics of Mahatma Gandhi University
- Master Trainee for Socio Economic Caste Census 2012.
- Director Board Member of St Thomas College Co-operative Society Ltd No.4175.
- Secretary of the St Thomas College Co-operative Society Ltd No.4175.

Courses attended for Professional Development

- Orientation Course for college teachers organized by Mahatma Gandhi University during 4-30 October 1999.
- Training Programme on Career Counselling and Guidance conducted by Institute for Career Studies at Lucknow during 8-29 May 2000.
- Summer School on Statistical Process Control and Allied Topics conducted at Indian Statistical Institute, Bangalore during 11-30 August 2003.
- Refresher Course in Statistics conducted at Government Victoria College, Palakkad during 12 February- 5 March 2004.
- Winter school on Design of Experiments and Sample Surveys at Panjab University, Chandigarh jointly organized by Indian Statistical Institute, Kolkata and Panjab University during 4-9 October 2004.
- Refresher Course in Mathematics and Statistics conducted at Saurashtra University, Rajkot 2006.
- Training Program on Official Statistics at National Statistics Systems Academy, Greater Noida, 22nd - 26th February, 2016.

Membership in Professional Bodies

- Life Member of the Indian Society for Probability and Statistics.
- Life Member of the Kerala Statistical Association.

International Conferences Organized:

Sl. No.	Title of the conference	Funding Agencies	Venue	Dates
1	International Conference on Mathematical Sciences (ICMS)	DST, UGC, CSIR, KSCSTE	St Thomas College, Pala	3-5 January 2011

2	International Conference on Stochastic Modelling and Workshop on Meta-analysis	DST, ICMR, CSIR, KSCSTE	St Thomas College, Pala	3-5 January 2014
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