Dr. Ancy Joseph

Research Experience: 10 years

Teaching Experience : 40 years

Statistical Software
- R
- SPSS
- Matlab

Other Software
- LaTeX
- C
- MS Office

Research area
- Time Series Analysis
- Distribution Theory
- Reliability Theory

Presentations
- Resource Person -5
- Other Talks - 7

Visiting Faculty
School of Data Analytics
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Educational Qualification
- PhD (Statistics) -2010, St. Thomas College Palai
- M.Sc.(Statistics) -1981, St. Thomas College Palai

Publications
- International -4
- Regional - 1
- In Conference Proceedings - 5

Key publications

- A generalized bivariate semi-Pareto minification process. Proceedings of the International Conference of the Society for Special Functions and their Applications (2008), 39-49.
- A Marshall-Olkin gamma distribution and minification process. STARS: International Journal (Sciences), (2007), 107-117.
- Marshall-Olkin univariate and bivariate logistic processes . In Proceedings of the 8th International Conference of the Society for Special Functions and their Applications(2008), 197-212.
- A Marshall-Olkin beta distribution and its applications. Journal of Probability and Statistical Science, (2009), 173-186.
- Marshall- Olkin bivariate Weibull distributions and processes. Statistical Papers (2011) 52:789–798
- Some R programs for simulation of Marshall-Olkin beta random variables and processes, Proceedings of the National Workshop on Bayesian Statistics and MCMC Methods using BUGS and R, held at St. Thomas College, Pala, 2009.
- A Marshall-Olkin Morgenstern Exponetial Distribution and Process. Journal of Indian Statistical Association (2009).
- Marshall-Olkin logistic Distribution and Autoregressive Processes, Proceedings of the 7th World Congress in Probability and Statistics, National University of Singapore, 14-19 (2008).
- Gumbel Distributions : Generalizations and Applications, Journal of Probability and Statistical Science, (2013), 17-30.
- An extended Logistic distribution and its Applications in Time Series Analysis and Reliability modelling (2014) . Proceedings of the National Workshop on SPSS held at BK College,Amalagiri