Dr. Ajitha Sasi

Assistant Professor (Contract)
School of Mathematics and Statistics
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Educational Qualification

- PhD (Statistics) -2010, St. Thomas College Pala
- M.Phil (Statistics)- Kerala University
- M.Sc.(Statistics) -1981, St. Thomas College Palai

Publications

- International -1
- Communicated-4
- In Conference Proceedings - 1

Teaching Experience : 6 years

Statistical Software

- Posit
- SPSS
- Python

Other Software

- LaTeX
- C++
- MS Office
- Maple

Research area

- Time Series Analysis
- Distribution Theory
- Reliability Theory

Paper presentation

- International-5
- National -6

Workshop/Conference/ Seminars attended

- International-3
- National -10

Awards

- Professor R Krishnapillai Best Paper Presentation Award in connection with the Fifth International Conference on Statistics for Twenty-first Century-2019(ICSTC-2019)

Data Analysis Experience

- Minor Project done by Dr Amrutha Rinu Abraham , Assistant Professor , Department of Sociology, CMS College, Kottayam, India Submitted to University Grants Commission South Western Regional Office, Bangalore, India
- MHSc Project done by Dr. Sivaprakash R., MHSc scholar under the guidance of Dr Manju George Elenjickal , Associate Professor, Department of Paediatrics, Pushpagiri Medical College,Thiruvalla, Kerala state, India.
- Poster presentation done by Dr Teena Nelson, DNB Resident in Radiotherapy & Oncology, Caritas Hospital, Thellakom, Kottayam, Kerala State, India on the Annual Conference of Association of Radiation Oncologists
- 5. MSc. Nursing Dissertation, School of Medical education, Mahatma Gandhi University Centere, Thalappady, Puthuppally, Kottayam, India.

Key publications

- Bootstrap Lower Confidence Limits of Super structure Process Capability Indices for Esscher Transformed Laplace distributions, Stochastics and Quality Control (2017)
- Markov Chain Monte Carlo Technique for Assessing Superstructure Process Capability Indices for Laplacian Models, Proceedings of the National Conference on Advances in Statistical Methods (2018)
- Bayesian Estimation of Generalized Non Normal Process Capability Indices . Journal of Advanced Manufacturing Technology
- Performance Analysis of Skewed Distributions. Austrian Journal of Statistics.
- Markov Chain Monte Carlo Technique for Assessing the Performance of Wright's Process Capability Index Cs. Quality and Reliability Engineering International.