



# Dr. S Satheesh

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## Educational Qualification

- PhD (Statistics) -2002, CUSAT
- JRF of UGC, 1985
- M.Sc.(Statistics) -1985, Second Rank, University of Kerala

## Publications

- International -42
- Regional - 5
- In Conference Proceedings - 7

## Key publications

- Invited chapter: Semi-stability of sums and maximums in samples of random size, Chapter-3 in **Focus on Probability Theory**, Editor-Louis R. Velle, Nova Science Publishers, New York, 2006.
- A note on type-2 generalized Laplacian family, *Asian J. of Statist. Sci.*, 2 (2), 2022.
- A generalized  $\alpha$ -Laplace Levy process, *Asian J. Probab. Statist.*, 19 (3), 2022.
- Memory of distributions: A renewal theoretic approach, *J. Ind. Soc. Probab. Statist.*, 23, 2022.
- On certain coloring parameters of graphs, *Int. J. Math. Combinatorics*, 3, 2018.
- Mixtures of gamma distributions and Harris infinite divisibility, *J. Kerala Statist. Asso.*, 28, 2017.
- A Note on the gaps in the support of discretely infinitely divisible laws, *ISRN Probab. & Statist.*, 2013.
- Random products and product auto-regression, *Filomat*, 27:7, 2013.
- Limit distributions of random sums of  $Z^+$  valued random variables, *Comm. Statist.-Theor. & Meth.*, 2010.
- Comments on  $\alpha$ -decomposability, *METRON*, LXVI, 2008.
- A generalization and extension of an autoregressive model, *Statist. Probab. Lett.*, 78, 2008.
- Semi-selfsimilar processes on  $R$  and  $l_0$ , *Int. Math. Forum*, 3, 2008.
- A generalization of stationary AR(1) schemes, *Statistical Methods*, 8, 2006.
- Another look at random infinite divisibility, *Statistical Methods*, 2004.
- On exponential mixtures, mixed Poisson process and generalized Weibull and Pareto models, *J. Ind. Statist. Asso.*, 1997.
- On the membership of semi- $\alpha$ -Laplace law in class-L, *J. Ind. Statist. Assoc.*, 1996.

## Professional Affiliations

- Indian Society for Probability and Statistics - Lifetime
- Kerala Statistical Association - Lifetime
- Indian Statistical Association - Lifetime

## Statistical Software

- R

## Other Software

- LaTeX
- MS Office

## Research area

- Probability Theory
- Stochastic Processes
- Reliability Theory

## Research Experience: 35 years

## Teaching Experience : 12 years

## Presentations

- Invited -15
- Resource Person - 8
- Other Talks - 20