

Athirakrishnan R B

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Career Objective

Enthusiastic researcher with a strong academic background, seeking an assistant professor position to contribute to innovative teaching and impactful research.

Teaching Experience

- Department of Aquatic Biology and Fisheries, Karyavattom Campus, Trivandrum** 2014 jan - 2015 dec
Guest Lecturer in Statistics
one year
- Department of Statistics, Govt. College for Women, Thiruvananthapuram** 2015 - 2016
Guest Lecturer in Statistics
8 months
- Pankaja Kasthuri Ayurveda Medical College** 2018 - 2019
Guest Lecturer in Statistics
one year

Education

- University of Kerala** 2019-2025
PhD in Statistics (Thesis submitted)
- Department of Statistics, University of Kerala** 2017
Mphil Statistics
A+
- University College, Palayam** 2014
Msc Statistics
75.5%
- Govt College, Karyavattom** 2012
Bsc Statistics
76.6%

Technical Skills

- Mathematica**
Basic Knowledge
- Latex**
Basic Knowledge
- R Programming**
Basic Knowledge
- Python**
Basic Knowledge

Personal Skills

- Dedicated, Sincere and Hardworking
- Enjoys learning through the work given
- Quick Learner

Publications

- Athirakrishnan, R.B. and Abdul Sathar, E.I.(2025) - Stochastic and Quality Control**
E-Bayesian Estimation of the Weighted Power Function Distribution with Application to Medical Data,

- **Athirakrishnan, R.B. and Abdul Sathar, E. I.(2024) - Statistics and Application**
E-Bayesian and Hierarchical Bayesian Estimation for Inverse Rayleigh Distribution based on Left Censoring Scheme,
- **Athirakrishnan, R. B. and Abdul Sathar, E. I.(2023) - Reliability Theory and Application**
E-Bayesian Estimations for Chen distribution under Type II censoring with medical Application
- **Athirakrishnan, R. B. and Abdul Sathar, E.I.(2022) - American Journal of Mathematical and Management Sciences**
E-Bayesian and Hierarchical Bayesian Estimation of Inverse Rayleigh Distribution
- **Abdul Sathar, E. I. and Athirakrishnan, R. B. (2019) - Journal of Indian Society for Probability and Statistics**
E-Bayesian and Hierarchical Bayesian Estimation for the shape parameter and Reversed Hazard Rate of Power Function Distribution under Different Loss Functions

Interested Area

- Statistical Inference
- Statistical Methods
- Biostatistics
- Distribution Theory

References

- Dr. E. I. Abdul Sathar
Professor
Department of Statistics
University of Kerala
Karyavattom Campus
Trivandrum
Ph: 6282174056
- Dr. Manoj Chacko
Professor and Head
Department of Statistics
University of Kerala
Karyavattom Campus
Trivandrum
Ph: 9447310097

Conference Presentations

- Presented a paper entitled "E-Bayesian estimation of weighted power function distribution with applications" in the Eighth International Conference on Statistics for Twenty First Century-2022(ICSTC-2022) organized by the International Statistics Fraternity (ISF), School of Physical and Mathematical Sciences and Department of Statistics, University of Kerala, Trivandrum during 16-19 December, 2022.
- Presented a paper entitled "E-Bayesian estimation and its E-MSE for Chen distribution based on Type II censoring scheme" in the International virtual Conference on Statistics and Data Science: Theory and Practice for Progress and Prosperity held during 11-13 March 2022, organized jointly by Department of Statistics, Osmania University, Hyderabad and Indian Society for Probability and Statistics.
- Presented a paper entitled "E-Bayesian and hierarchical Bayesian estimation for Inverse Rayleigh distribution based on left censoring scheme" in seventh International Conference on Statistics for Twenty first Century -2021 (ICSTC- 2021) organized by ISF and Department of Statistics, University of Kerala, Trivandrum during 15-19, December, 2021.
- Presented a paper entitled "E-Bayesian and Hierarchical Bayesian estimation of Inverse Rayleigh distribution under left censoring scheme" in the International Conference on Emerging Trends in Statistics and Data Science in Conjunction with 40 th Annual Convention of Indian Society for Probability and Statistics (ISPS) jointly organized by the Department of Statistics of Cochin, University of Science & Technology, M.D. University, University of Kerala, Trivandrum, Bharathiyar University, Coimbatore and The Madhura College (Autonomous), Madurai 7-10 September, 2021.
- Presented a paper entitled "E-Bayesian and Hierarchical Bayesian estimation for Inverse Rayleigh distribution based on left censoring scheme" in the fifth International Webinar on Recent Trends in Statistical Theory and Applications-2021(WSTA-2021) organized by ISPS, KSA and Department of Statistics, University of Kerala, Trivandrum during June 29- July 02, 2021.
- Attended the Sixth International Conference on Statistics for Twenty first Century -2020 (ICSTC-2020) organized by the Department of Statistics, University of Kerala in association with American Statistical Association and

Kerala Statistical Association and delivered a contributory talk on "E-Bayesian and Hierarchical Bayesian estimation on Inverse Rayleigh distribution" during 16-19 December, 2020.