

Curriculum Vitae



Name : Dr. Harisankar. S
Sex : Male
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Office Address

Assistant Professor
Madras School of Economics
Chennai

EDUCATION

PhD in Statistics 2018-2022
University of Kerala, Kariavattom Campus, Thiruvananthapuram
Master of Philosophy in Statistics 2009-2010
Department of Statistics, University of Kerala, Thiruvananthapuram
Result: Grade A
MSc. in Statistics 2003-2005
Department of Statistics, University of Kerala, Thiruvananthapuram
Result: 60%
BSc. in Statistics 2000-2003
Milad-E-Sherif Memorial College, Kayamkulam
Result: 84.7%
Pre-Degree 2000
TKMM College
Result: 60%
S S L C 1998

H S S Muthukulam

Result: 77%

TEACHING EXPERIENCE

Worked as an Assistant Professor in Department of Operations Management in Rajagiri Business School, Kakkanad, Kochi from 04-10-2025 to 03-10-2026.

Worked as an Assistant Professor of Statistics in Department of Statistics, St. Joseph University, Bengaluru from 26-07-2025 – 30-09-2025.

Worked as Assistant Professor in Statistics, Asian School of Business, Technocity, Trivandrum from 23-12-2022 – 19-07-2025.

Worked as a Guest Lecturer in LNCPE, Trivandrum during the period 01.01.2011 – 30.10.2011.

Worked as a Guest Lecturer in KIMS, Trivandrum during the period 01.10.2011 – 31.03.2012.

RESEARCH EXPERIENCE

Doctoral Researcher 2018-2022

Department of Statistics, University of Kerala, Thiruvananthapuram

Title of the Thesis: A Study on Some Generalized Versions of Yule Distribution

Date of Award: 25-02-2022

Research Guide: Dr. C. Satheesh Kumar, Professor, Department of Statistics, University of Kerala, Thiruvananthapuram

ADMINISTRATIVE EXPERIENCE

Worked as an Administrative Assistant in Department of Mining and Geology(Regular), Government of Kerala from 15-03-2013 to 20-10-2022

AREAS OF RESEARCH INTEREST

Distribution Theory, Statistical Inference, Multivariate Analysis, Operations Management, Reliability Theory

AREAS OF TEACHING INTEREST

Distribution Theory, Statistical Inference, Multivariate Analysis, Statistics for Managers, Operations Research, Reliability Theory, Sampling Theory, Stochastic Models, Probability and Risk Modelling, Game Theory

PUBLICATIONS

International Level Refereed Journals

1. Harisankar S & Kumar C S (2026). On Some Properties and Applications of Bivariate Generalized Geometric Distribution- *Communication in Statistics Theory and Methods* [Scopus Indexed] [ABDC: B]- Accepted for Publication
2. Kumar, C. S., & Harisankar, S. (2025). On a wide class of generalized geometric distribution for over and under dispersed data sets- *Statistica Applicata* doi.org/10.36253/ijas-16753 [Scopus Indexed]
3. Kumar, C. S., & Harisankar, S. (2024). Doubly Generalized Yule Distribution of Order k and its Applications. *Mathematical Methods of Statistics*, 33(3), 227-238. [ISSN:1066-5307] [Scopus Indexed] [ABDC: B]
4. Kumar, C. S., & Harisankar, S. (2022). Bivariate generalized Yule distribution: properties and applications. *Communications in Statistics-Simulation and Computation*, 52(7), 3233-3256. [ISSN:0361-0918] [Scopus Indexed]
5. Kumar, C. S., & Harisankar, S. (2021). Bivariate Extended Yule Distribution. *American Journal of Mathematical and Management Sciences*, 40(4), 340-356. [ISSN:0196-6324] [Scopus Indexed]
6. Kumar, C. S & Harisankar. S (2020), On Some Aspects of a General Class of Yule Distribution and its Applications, *Communication in Statistics-Theory and Methods*, 49(12): 2887-2897; [ISSN: 0361-0926] [Scopus Indexed] [ABDC: B]
7. Kumar, C. S & Harisankar. S (2020), Modeling Over-Dispersed Data Sets Using Generalized Geometric Distribution, *Journal of Statistical Computation and Simulation*, 90(4):606-623; [ISSN: 0094-9655] [Scopus Indexed] [ABDC: C]
8. Kumar, C. S & Harisankar. S (2020), On Some Aspects of Generalized Extended Yule Distribution: Properties and Applications, *Journal of Advances in Applied and Computational Mathematics*, 7(1):49-56; [ISSN: 2409-5761].
9. Kumar, C. S & Harisankar. S (2018), On a Modified Yule Distribution, *Statistica*, 78(2):169-18; [ISSN: 1973-2201]. [Scopus Indexed]

National Level Refereed Journals

1. Rohini S Nair, E. I. Abdul Sathar & Harisankar. S (2025), Characterization of Generalized Dynamic Failure Entropy for Past Lifetime Distributions, Accepted for publication in *Journal of the Kerala Statistical Association*.
2. Kumar, C. S & Harisankar. S (2023), On Some Properties of Extended Doubly Generalized Yule Distribution, *Journal of the Indian Statistical Association*, 61(1&2), 79-98; [ISSN: 0537-2585]. [Scopus Indexed]
3. Kumar, C. S & Harisankar. S (2022), Generalized geometric distribution of order k, *Asian Journal of Statistical Sciences*, 2(2):159-171; [ISSN:2582-9912]. [Scopus Indexed]
4. Kumar, C. S & Harisankar. S (2020), Modified Geometric Distribution: Properties and Applications, *Stochastic Modeling and Applications*, 24(1):43-54; [ISSN: 0972-3641].
5. Kumar, C. S & Harisankar. S (2019), Bivariate Version of Yule Distribution and Some of its Properties, *Journal of Statistics and Mathematical Engineering*, 5(1):7-14; [ISSN: 2581-7647].
6. Kumar, C. S & Harisankar. S (2018), An Alternative to Zero Inflated Yule Distribution, Proceedings of the National Conference on Advances in Statistical Methods, Department of Statistical Sciences, Kannur University, 1:79-88.

HONORS AND AWARDS

- Awarded Prof. A.M. Mathai Best Ph.D Thesis Award for the year 2022 instituted by International Statistics Fraternity (ISF), School of Physical and Mathematical Sciences and Department of Statistics, University of Kerala, Trivandrum. (National Level Award)
- Won “Prof. Jacob Sundara Raja Best Paper Award” of Alumni Association of Department of Statistics University of Kerala (AADSUK) for the year 2025.
- Won “Prof. R. N. Pillai Best Paper Award” of Alumni Association of Department of Statistics University of Kerala (AADSUK) for the year 2019.

PROFESSIONAL MEMBERSHIPS

- Life member of the Kerala Statistical Association
- Life member, Indian Society for Probability and Statistics

CERTIFICATE PROGRAM

- Successfully completed the Certificate Program in Practical Data Science & Advanced ML authorized by Indian Institute of Information Technology (IIITK), Kottayam.

SEMINARS / CONFERENCES

1. Attended three day workshop on Statistical Analysis Using SPSS held in the Department of Statistics, Government Arts College, Thiruvananthapuram during 16-18 January 2019.
2. Attended the Fifth International Conference on Statistics for Twenty-first Century 2019 (ICSTC-2019) organized by the Department of Statistics, University of Kerala during 18-20, December 2019 and also presented a paper entitled An Order k Version of Generalized Yule Distribution: Properties and Application.
3. Attended a National Seminar on Recent Trends in Statistical Sciences (RTSS-2019) in conjunction with 40th Annual Conference of Kerala Statistical Association (KSA) organized by the Department of Statistics, University of Kerala during 07-09 March, 2019 and also presented a paper entitled Bivariate Version of Yule Distribution and Some of its Properties.
4. Attended the Fourth International Conference on Statistics for Twenty-first Century 2018 (ICSTC-2018) organized by the Department of Statistics, University of Kerala during 13-15, December 2018 and also presented a paper entitled An Alternative to Generalized Yule Distribution.
5. Attended six day workshop on Statistical Methods for Data Analysis Using R held in the Department of Statistics, University of Kerala during 10-15 September 2018.
6. Attended a National Seminar on Recent Trends in Statistical Theory and Applications (NSSTA-2018) organized by the Department of Statistics, University of Kerala during 28-30 June, 2018 and also presented a paper entitled Some Properties and Applications of Univariate Generalized Yule Distribution.
7. Attended a National Seminar on Recent Trends in Statistical Sciences (RTSS-2018) organized by the Department of Statistics, University of Kerala during February 28-01 March, 2018 and also presented a paper entitled Extended Version of Alternative Generalized Yule Distribution.
8. Attended a National Seminar on Innovative Approaches In Statistics in conjunction with the Annual Conference of the Kerala Statistical Association (KSA) organized by the Department of Statistics, St. Thomas College, Thrissur during 15-17 February, 2018 and also presented a paper entitled On Some Properties of Extended Generalized Yule Distribution.
9. Attended an International Conference on Recent Advances in Statistical Methodology with Applications in Clinical and Official Statistics organized by the Department of Statistics & Biostatistics, St. Thomas College, Palai in

collaboration with Christian Medical College, Vellore and University of Maryland, USA during 14-16, January 2018 and also presented a paper entitled On Some Aspects of a General Class of Yule Distribution and its Application.

10. Attended the Third International Conference on Statistics for Twenty-first Century 2017 (ICSTC-2017) organized by the Department of Statistics, University of Kerala during 14-16, December 2017 and also presented a paper entitled On Modified Version of Yule Distribution and Some of its Properties.
11. Attended an International workshop on Distribution Theory and its Related Areas held in the Department of Statistics, University of Kerala during 11-13, December 2017.
12. Attended National workshop on Sample Size and Power Analysis in Medical Research held in the Department of Biostatistics, NIMHANS during 22-24, September 2022.
13. Attended an International Conference on Recent Trends in Statistics and Data Analytics (RTSD-2023) jointly organized by the Kerala Statistical Association (KSA) in conjunction with its 44th annual conference and the Department of Mathematics and Statistics, Mar Ivanios College (Autonomous) from 31st March to 1st April 2023 at Mar Ivanios College, Trivandrum and presented a paper titled "On Some Properties and Applications of Bivariate Extended Yule Distribution".
14. Attended FDP program on 07th July 2023 at TKM Institute of Management on the topic "Basic Quantitative Data Analysis Techniques Using IBM SPSS Statistics".
15. Participated in the Online National Workshop "Empowering Faculty with AI Tools: Revolutionizing the Teaching Landscape" organized by Department of Chemistry, in collaboration with IQAC St. Xavier's College for Women, Aluva, Kerala on 15th July 2023.
16. Attended an International conference on Advances in Data Analytics & Official Statistics organized by Department of Statistics, Savitribai Phule University from 23rd-26th May 2024 at Pune University and presented a paper titled "Alpha Generalized Geometric Distribution".
17. Participated in the International Online Faculty Development Program on 'Data Visualization and Analytics' with Excel, Power BI, Tableau and Generative AI organized by the PG Department of Computer Applications and IQAC of Marian College Kuttikkanam (Autonomous) in association with ipsr solutions limited and Valin UK, USA and Canada from 05th-11th July 2024 and has successfully completed the assessment and secured an A grade.
18. Participated One Week Faculty Development Program (FDP) on "Probability and Statistics: An Exploration of Tools and Techniques with their Real-life Applications" organized by Department of Mathematics, Institute of Applied Sciences and Humanities, GLA University, Mathura from 15th-19th July 2024.
19. Participated One Week Faculty Development Program (FDP) on "Data Analytics and Decision Making with Statistical Software for Entrepreneurs and Innovators" organized by Department of Mathematics and Statistics, in collaboration with Directorate of E-cell, Manipal University, Jaipur, Rajasthan from 27th August to 31st August 2024.
20. Participated in the Two-day Workshop on Power BI conducted by XIME Kochi on 26th & 27th September 2024.
21. Successfully completed 7 Day Faculty Development Programme on "Visual Analytics: The Art of Storytelling Using Data" jointly organized by School of Management Studies & Department of Statistics, Cochin University of Science and Technology from 12-18 December, 2024.
22. Attended Annual conference of International Indian Statistical Association jointly organized by Department of Statistics, Cochin University of Science and Technology and International Indian Statistical Association from 27-31 December, 2024 held at Cochin University of Science and Technology and presented a paper titled "Alpha Generalized Geometric Distribution".
23. Attended 3 day International Conference on Advanced Data Analytics and Statistics-2025 (ICADS 2025) organized by Department of Statistics, Vimala College, Thrissur in conjunction with Kerala Statistical Association (KSA) from 23-25 January, 2025 held at Vimala College, Thrissur and presented a paper titled "On Stuttering Generalized Yule Distribution and Its Properties".

24. Attended National conference on Current Developments in Statistics -2025 (NCCDS-2025) conducted by Department of Statistics, University of Kerala during 26-28, June 2025 and presented a paper titled “Doubly generalized Yule distribution of order k and its applications”.
25. Attended the first edition of the **Summer School Research Workshop in Operations and Analytics**, held at **SPJIMR, Mumbai**, from **6 to 10 April 2026**, jointly organized by **XLRI and IIT Madras**.
26. Attended a two-day Faculty Development Workshop, How to Teach with Cases organized by Rajagiri Business School, Kochi in collaboration with Harvard Business Impact Education.

REFERENCES

- (1) **Dr. Vipin B**
Assistant Professor
Department of Management Studies
Indian Institute of Technology Madras
Chennai – 600036, Tamil Nadu, India
Email: vipinb@iitm.ac.in
- (2) **Prof. (Dr.) K. K. Jose**
Director, School of Data Analytics
Honorary Director, School of Mathematics & Statistics
Mahatma Gandhi University
Priyadarsini Hills P.O.
Kottayam – 686560, Kerala, India
Email: kkj.smsda.mgu@gmail.com

DECLARATION

I do hereby declare that all the particulars furnished above are true to the best of my knowledge and belief.

Dr. HARISANKAR. S