Biodata

Name: **Dr Rakhi Ramachandran**

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Designation: Assistant Professor of Statistics

Academic Qualifications: M.Sc., M.Phil., Ph.D.

Memberships: Life Member of Indian Society for Probability and Statistics, Life Member of the Kerala Statistical Association.

Research Area:

Distribution Theory, Statistical Distributions, Probability and statistics, Distributions of Order k.

Publications*(ListofpaperspublishedinSCIJournals,inyear wisedescendingorder).*

S.No.	Author(s)	Title	Nameof Journal	Volume	Page	Year
1	C Satheesh Kumar and **Rakhi Ramachandran**	A bivariate version of the zero-inflated hyper-Poisson distribution and some of its properties	***Communications in Statistics-Theory and Methods (SCI)***	Online Published	Online Published Online	2025 July
2	C Satheesh Kumar and **Rakhi Ramachandran**	On Zero-inflated Extended Alternative Hyper Poisson Distribution and its Applications	***Journal of the Iranian Statistical Society***	22(1)	137-160	2024
3	C Satheesh Kumar and **Rakhi Ramachandran**	A generalization to zero-inflated hyper-Poisson distribution: Properties and applications	***Communications in Statistics-Theory and Methods (SCI)***	52(20)	7289-7302	2023

4	C Satheesh Kumar and **Rakhi Ramachandran**	On Zero-inflated Generalized Alternative Hyper-Poisson Distribution and its Properties	***Special Proceedings of the 25th Annual Conference of the Society of Statistics, Computer and Applications***	25th Annual Conference	139–150	2023 February
4	C Satheesh Kumar and **Rakhi Ramachandran**	On zero-inflated generalized hyper-Poisson distribution and its properties	***Gujarat Journal of Statistics and Data Science***	38(1)	19-28	2022
6	C Satheesh Kumar and **Rakhi Ramachandran**	On zero-inflated alternative hyper-Poisson distribution	***Statistica***	81(4)	423-446	2021
7	C Satheesh Kumar and **Rakhi Ramachandran**	On some aspects of a zero-inflated over dispersed model and its applications	***Journal of Applied Statistics (SCI)***	47(3)	506-523	2020
8	C Satheesh Kumar and **Rakhi Ramachandran**	On zero-inflated hyper-Poisson distribution and its applications	***Communications in Statistics-Simulation and Computation(SCI)***	51(3)	868-881	2020
9	C Satheesh Kumar and **Rakhi Ramachandran**	On Zero-inflated Modified Alternative Hyper-Poisson Distribution and its Properties	***Thailand Statistician***	Accepted for Publication	Accepted for Publication	2025

ProfessionalRecognition/ Award/Prize/Certificate,Fellowshipreceivedbytheapplicant.

Sl.No	NameofAward	AwardingAgency	Year
1	**Prof. C. R. Rao Gold Medalfor the Best Paper**	Indian Society for Probability and Statistics (ISPS) at Utkal University, Odissa	2020
2	**Prof. R. N. Pillai Young Statistician Award**	Kerala Statistical Association (KSA)	2022
3	**Prof. Krishna Pillai Best Paper Presentation Award**	Seventh International Conference on Statistics for Twenty First Century (ICSTC) organized by the Department of Statistics, University of Kerala in association with ISPS and Kerala Statistical Association	2021
4	**Prof. R. N. Pillai Best Paper Award**	ALUMNI Association, Department of Statistics, University of Kerala	2020
5	**Prof. Jacob Sundara Raja Best Paper Presentation Award**	Fourth International Conference on Statistics for Twenty First Century (ICSTC) by the Department of Statistics, University of Kerala in	2018

		association with American Statistical Association	
6	**Best Achievement Award for Researchers**	University of Kerala	2022

Reviewer of the SCI Journals:

(i). *Communications in Statistics-Theory and Methods*

(ii). Communications in Statistics-Simulation and Computation

(iii). Advances in Mathematical Physics

(iv). Journal of Applied Statistics