

Dr. Sibil Jose MSc, Ph D.

Associate Professor · Department of Statistics

APPOINTMENT

Joined 17 Aug 2010 · **Teaching** 16 · **Industry** Nil

SPECIALISATION

Statistical Inference

RESEARCH INTERESTS

Distribution Theory · Generalized inference procedure

COURSES HANDLED

Fundamentals of Statistics · Probability Distribution · Statistical Inference · Data Analysis
Using JAMOVİ and R

LABORATORIES

Libre Calc · R Studio · JAMOVİ

QUALIFICATIONS

Ph D — Statistics

2019

Thesis: Statistical Inference for Overlapping Coefficient and its Applications

EXPERIENCE

Associate Professor

Aug 2024 – Present

St. George's College Aruvithura · Teaching

Assistant Professor

Aug 2010 – 16 Aug 2014

St. George's College Aruvithura · Teaching

RESPONSIBILITIES

FYUGP Nodal Officer

01-06-2024

Institution

Member

IQAC

JOURNAL PAPERS

- [1] Sanju Scaria, Sibil Jose, Seemon Thomas, "Interval Estimation of the Stress strength Reliability in Lehmann Family of Distributions," *Journal of Reliability and Statistical Studies*, River Publishers, vol. 16, no. 2, pp. 243-254, 2023. ISSN 2229-5666. doi: 10.13052/jrss0974-8024.1622. SCI IF 1.1
- [2] Sanju Scaria, Sibil Jose, Seemon Thomas, "Generalized Inference on Stress-styrengt reliability in Generalized Pareto Model," *Journal of Reliability and Statistical Studies*, River Publishers, vol. 14, no. 1, pp. 199-208, 2021. ISSN 2229-5666. doi: 10.13052/jrss0974-8024.1419. SCI IF 1.1
- [3] Sibil Jose, Seemon Thomas, "Interval Estimation of the Overlapping Coefficient of Two Multivariate Normal Distributions," *Thailand Statistician*, Thai Statistical Association, vol. 18, no. 4, pp. 420-428, 2020. ISSN 1685-9057. doi: http://statassoc.or.th. WEB OF SCIENCE IF 1.0

- [4] Sibil Jose, Seemon Thomas, Thomas Mathew, "Interval Estimation of the Overlapping Coefficient of Two Exponential Distributions," *Journal of Statistical Theory and Applications*, Atlantis Press, no. 18, pp. 1, 2019. ISSN 2214-1766. doi: <https://doi.org/10.2991/jsta.d.190306.004>; WEB OF SCIENCE IF 2.0
- [5] Sibil Jose, Seemon Thomas, "Interval estimation of the overlapping coefficient of two normal distributions: one way ANOVA with random effects," *Thailand Statistician*, (TSA), vol. 17, no. 1, pp. 84-92, 2019. ISSN 1685-9057. doi: <http://statassoc.or.th>. WEB OF SCIENCE IF 1.0
- [6] Jose, S. and Thomas, S., "Generalized Inference for the Overlapping Coefficient of two Pareto distributions," *International Jorنال of Computational and Theoretical Statistics*, Deanship of Scientific Research, University of Bahrain, vol. 5, no. 2, pp. 95-100, 2018. ISSN 2535-9878. doi: <http://dx.doi.org/10.12785/ijcts/050205>. PEER REVIEWED
- [7] Sibil Jose, Seemon Thomas, "INTERVAL ESTIMATION OF THE OVERLAP COEFFICIENT OF TWO NORMAL DISTRIBUTIONS," *Discussiones Mathematicae: Probability & Statistics*, University of Zielona Góra, Faculty of Mathematics, Computer Science and Econometrics., vol. 38, no. 1, pp. 5-13, 2018. ISSN 1509-9423. doi: [doi:10.7151/dmps.1199](https://doi.org/10.7151/dmps.1199). PEER REVIEWED

CONFERENCE PAPERS

- [1] Sibil Jose, Seemon Thomas, "Estimation of the OVL of two Pareto Distributions: A Generalized Approach," in *International Multidisciplinary Conference on Arts, Social Science, Management and Technology*, International, University of Malaya, Kuala Lumpur, Malaysia, 7-8 Sept, 261-271, 978-81-944235-2-2.

CITATION METRICS

21 **3** **7**
CITATIONS H-INDEX PUBLICATIONS
Source: Google Scholar

PROJECTS & FUNDING

Overlapping Coefficient (OVL) of two exponential distributions-both one parameter and two parameter cases and its applications 01-04-2014-30-09-2015, Completed
Funded research project · UGC · Principal Investigator · 1,50,000

TRAINING & FDPS

Refresher Course in Statistics 30-03-2023-13-04-2023, 2 weeks
Refresher course · Ramanujan College, University of Delhi · Delhi · Online

Statistical Applications Using SPSS software 12-07-2021-17-07-2021, 1 week
FDP · G.L. Education Foundation · Benaluru · Online

Online Refresher Course in Mathematics and Statistics 25-11-2020-08-12-2020, 2 weeks
Refresher course · UGC-HRDC Bharathidasan Universty · Thiruchirappally · Online

Statistics and Research Methods 24-05-2018-13-06-2018, 2 weeks
Refresher course · Academic Staff College, University of Kerala · Kariavattom · Offline

Refresher Course in Women Studies 02-12-2016-22-12-2016, 3 Weeks
Refresher course · Academic Staff College, University of Kerala · Kariavattom · Offline

UGC Sponsored Orientation Programme

Orientation programme · Academic Staff College, University of Kerala ·
Kariavattom · Offline

27-07-2012-23-08-
2012, 28 Days

TALKS & EVENTS

Research Made Easier: Managing and Analysing Data sets with Excel 12-01-2026

Resource person · St. Joseph's Institute of Hotel Management and Catering Technology · Pala · Students

Questionnaire Design for Descriptive Statistics 19-02-2025

Resource person · St. Joseph's Institute of Hotel Management and Catering Technology · Pala · Students

Fundamentals of SPSS 19-08-2023

Resource person · St. Joseph's Institute of Hotel Management and Catering Technology · Pala · Faculty of SJIHMCT

Probability Distribution and Applications 26-06-2022

Resource person · Mangalam College of Engineering, Kidangoor · Kidangoor · Students

Workshop on Research Methodology and Publication Ethics 9,12,13 April 2021

Resource person · St. Thomas College Pala · Pala · Research Scholars

An Introduction to R programming 28-07-2020

Resource person · Department of Mathematics and Statistics, Carmel College Mala · Online · Research Scholars, Faculty and Students

National Statistics Day Celebration 29-06-2018

Resource person · St. Thomas College Pala · Pala · PG Students

CERTIFICATIONS

Descriptive Statistics with R Software 2021

NPTEL · 8 weeks · 90% - Elite · ID NPTEL21MA76S43860617

MEMBERSHIPS

KSA 2013

EDITORIAL & REVIEW

Journal of Statistical Computation and Simulation Since 2024

Reviewer · Taylor & Francis

OUTREACH

NSS programme Officer 01/06/2012 to 31/05/2015

St. George's College Aruvithura

LANGUAGES

Malayalam · English · Hindi