

# LIZAN MERYL PEREIRA

Bangalore, India

[Email](#) ◇ [LinkedIn](#)

## SUMMARY

---

I am a PhD scholar at IIM Bangalore (Decision Sciences) with a strong foundation in statistics and a passion for applying data-driven methods to socially impactful research. My interests span Spatial modelling, Bayesian statistics, and machine learning, with applications in environmental, business, and healthcare domains. I am keen to explore interdisciplinary problems and leverage statistical thinking for societal welfare, alongside a strong interest in teaching.

## EDUCATION

---

**Doctoral Student, Decision Sciences, Indian Institute of Management, Bangalore** 2024- Present

Doctoral project supervisor: Prof Soudeep Deb, Prof Anand Deo

**Master of Science, Statistics**, Christ University, Bangalore 2022-24

Relevant Coursework: Probability, Statistical Inference, Regression Analysis, Time Series Analysis.

Project: Corrected Score Estimation of Regression with Autocorrelation under Measurement Errors.

**Bachelor of Science**, St Aloysius College(Autonomous), Mangalore 2019 - 2022

Subjects: Statistics, Mathematics and Economics

## RESEARCH INTERESTS

---

Spatial Modelling, Machine Learning, Extreme Value Theory, Bayesian Statistics, Health Analytics

## EXPERIENCE

---

### Consultancy:

Evaluation of Prime Minister Internship Scheme (PMIS), in collaboration with Ministry of Corporate Affairs

Research Assistant, working with Prof. Soudeep Deb, at IIM Bangalore. Mar 2025 – present

**Business Analyst Intern** Feb 2024 - Apr 2024

Blooprint - ECommerce Consulting *Bangalore, India*

**Statistical Analyst Intern** Aug 2023 - Jan 2024

Narayana Institute of Cardiac Sciences *Bangalore, India*

**Research Analyst Intern** Oct 2021 - Dec 2021

Oikos Statistical Consultancy *Mangalore, India*

**Mathematics Teacher** Mar 2021 - June 2021

U&I - NGO *Mangalore, India*

## PUBLISHED PAPERS

---

Thomas, A., John, N., **Pereira, L. M.**, & Pokhriyal, H. (2024). Corrected Score Estimation of Regression with Autocorrelation Under Measurement Errors. In International Conference on Communication and Computational Technologies (pp. 179-189). Singapore: Springer Nature Singapore.. ([Link](#))

Crasta, M. P. S., Shaji, M. A. N., **Pereira, M. L. M.**, John, M. R., & VS, M. S. The Corona Infodemic: A Study on the Dissemination of Misinformation and its impact in the Dakshina Kannada District. ([Link](#))

## PROJECTS IN PROGRESS

---

(With Nishant, N., Deb, S., Srinivas, A.)Spatial Modelling of Water Quality In Karnataka : A Bayesian Approach. 2024- Present

- (With Deb, S.)Forecasting Storms with meteorological variables and digital attention: A Multistage Statistical and Neural Hybrid Framework 2025-Present
- (With Barman, M., Deb, S., Deo, A.) Spatial Extreme Value Theory with an application to rainfall prediction in Karnataka. 2025-Present
- (With Tripathy, R.) Matching Children to Families: A Game-Theoretical Framework using Matching Theory for Improving Child Adoption Process in India 2025-Present
- (With Deb, S.)Does Vegetation Loss Warm Cities? Distributional Evidence from Non-Parametric Quantile Regression for Bangalore 2026-Present

## CONFERENCE PRESENTATION

---

- Presented 'Forecasting Storms with meteorological variables and digital attention: A Multistage Statistical and Neural Hybrid Framework' at Applied Statistics 25 conference organised by Statistical Society of Slovenia held at University of Primorska, Koper, Slovenia, Europe. 2025
- Presented 'Corrected Score Estimation of Regression with Autocorrelation under Measurement Errors' at an International Conference (ICSISCDR@24), Mount Carmel College, Bangalore. 2024

## AWARDS AND PARTICIPATION

---

- 'Best Paper Award' for the Research paper presented at an International Conference (ICSISCDR@24) organized by Mount Carmel College, Bangalore. 2025
- 'Second place' for the Research Poster presentation competition held at CHRIST University. 2024
- Granted with DST-INSPIRE SHE Scholarship from the Department of Science and Technology, Government of India. 2019-21
- Awarded with "Sahyadri Young Ecologist Award" in Lake Conference at Alvas College Moodbidri, Mangalore. 2016

## EXTRA AND CO-CURRICULAR ACTIVITIES

---

- Addressed undergraduate students at St Aloysius (Deemed to be University), Mangalore about career options and experiences as a PhD student. 2025
- Board of Studies (BoS) student representative from the Department of Statistics and Data Science, Christ University, Bangalore. 2024
- Co-organizer of TEDxSAC 2022 at St Aloysius College(Autonomous), Mangalore. Held positions of Student Coordinator for various Mathematics and Statistics fests in undergrad and postgrad. 2022
- Traveled to France to attend a French language course at Alliance Francaise, Rouen. 2018

## SKILLS

---

|                         |                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------|
| <b>Technical Skills</b> | R, Python, L <sup>A</sup> T <sub>E</sub> X, PowerBI, MS Office suites - Word, Excel, Powerpoint. |
| <b>Soft Skills</b>      | Public Speaking, Teamwork, Communication, Leadership, Organizational Skills.                     |

## HOBBIES

---

- General Writing: Cooking blogs, Documenting travel, General lifestyle and food.
- Badminton, Dance, Crochet

## LANGUAGES

---

- English, Hindi, Kannada (Full Professional Proficiency)
- Konkani, Tulu (Native or bilingual proficiency)