



Dr. Pitta Shankaraiah

Assistant Professor

Department of Mathematics

School of Engineering

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1. ABOUT

Dr. P. Shankaraiah is an Assistant Professor in the Department of Mathematics, School of Engineering, Dayananda Sagar University, Karnataka, India. He received his Ph.D. in Statistics from the Department of Mathematics, Vellore Institute of Technology (VIT), Vellore, with a specialization in Survival Analysis. Prior to this, he earned an M.Sc. in Statistics from Sri Venkateswara University, Tirupati, a Bachelor of Education (B.Ed.) in Mathematics, and an M.Sc. in Mathematics from Sri Krishnadevaraya University, Anantapur.

He previously served as a Statistics Lecturer at Balayesu Degree College, Hindupur, and later as an Assistant Professor in the Department of Mathematics at SJC Institute of Technology, Chickballapur. Throughout his academic career, he has taught a wide range of courses in Mathematics, Statistics, Probability, and Numerical Methods to undergraduate and engineering students. He is also a Life Member of the Indian Society for Probability and Statistics (ISPS).

2. RESEARCH INTERESTS

- Survival Analysis
- Statistical Computing
- Predictive Modelling
- Numerical Optimization
- Biomedical Applications

3. ACADEMIC QUALIFICATIONS

- Ph.D. in Survival Analysis — Vellore Institute of Technology, Vellore. [2026]
- M.Sc. in Mathematics — S.K University, Anantapur. [2017]
- B.Ed. in Mathematics — S.K University, Anantapur. [2014]
- M.Sc. in Statistics — S.V University, Tirupati. [2011]

4. PROFESSIONAL EXPERIENCE

- Assistant Professor — S J C Institute of Technology, Chickballapur, [1 year]
- Lecturer — Balayesu Degree College, Hindupur, [9 years]

5. RESEARCH HIGHLIGHTS

- Publications: 5
- Book Chapters: 1
- Patents: 1
- Awards/Recognitions: Raman Research Award 2025
- Reviewer/Editorial Activities: Reviewer of sigma journal.

Editorial Board Member in journal of Research Stars.

6. SELECTED PUBLICATIONS (Recent)

1. Pitta Shankaraiah, Mokesh Rayalu G, and A.V Prasad: Gender Differences in Lung Cancer Survival Based on Non-Parametric and Parametric Methods. Malaysian Journal of Mathematical Sciences, Vol 20, Issues 2, 723-737 (2026).
2. Pitta Shankaraiah, M Saivineeth, Hemanth Kumar Molapata, Ramakrishna Reddy: Optimizing farm Productivity Through Privatization, Support Services, Miscalibrations and Linear Programming in Agricultural Management. Journal of Applied Mathematics and Informatics, Vol 44, issues 1, 235-249 (2026).

7. ACADEMIC PROFILES

- Google Scholar: [kdAij1oAAAAJ](https://scholar.google.com/citations?user=kdAij1oAAAAJ)
- ORCID: 0009-0002-0848-3492
- Scopus: 59454023000

8. CONTACT

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