

**Name** : Ms.Sivaranjani P  
**Staff ID** : RCAS04606  
**Designation** : Assistant Professor  
**Department** : Mathematics  
**Experience** : 9 years  
**Qualification** : MSc.,MPhil.,(Ph.D)  
**Specialization:** Statistics  
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## ACADEMICS

| Degree  | Branch     | Institution / University                     | Year of Completion |
|---------|------------|----------------------------------------------|--------------------|
| Ph.D.   | Statistics | PSG College of Arts and Science, Coimbatore. | Pursuing           |
| M.Phil. | Statistics | PSG College of Arts and Science, Coimbatore. | 2020               |
| M.Sc.   | Statistics | PSG College of Arts and Science, Coimbatore. | 2011               |
| B.Sc.   | Statistics | PSG College of Arts and Science, Coimbatore. | 2009               |

| Diploma / Certification | Specialization                      | Institution / University / Agency Name | Year of Completion |
|-------------------------|-------------------------------------|----------------------------------------|--------------------|
| Certification           | MATLAB                              | Math Works                             | 2024               |
| Certification           | Machine Learning Onramp             | Math Works                             | 2024               |
| Certification           | Basics of Python Programming        | PSG CAS, Coimbatore                    | 2007               |
| Certification           | Information Technology              | PSG CAS, Coimbatore                    | 2008               |
| Certification           | Artificial Intelligence with Python | Cursa                                  | 2025               |
| Certification           | Curve Fitting Onramp                | Math Works                             | 2025               |
| Certification           | Career Edge -IT for Non IT          | TCS-icon                               | 2025               |
| Certification           | Statistics Onramp                   | Math Works                             | 2025               |

## RESEARCH AND PUBLICATIONS

### Journal Publications

- Sivaranjani, P., Yuvaraj, V., & Uma, G. (2019). A study on consumer awareness and preference towards Ayurvedic products in Coimbatore city. International Journal of Scientific Research and Review, 8(5), 1288–1292. ISSN: 2279-543X. <https://doi.org/16.10089.IJSRR.2019.V8I3.287391.322745>
- Sivaranjani, P. (2019). Comparative study of traditional and Bayesian single sampling plan for attributes. International Journal of Information and Computing Science, 6(5), 522–529. ISSN: 0972-1347. <https://doi.org/16.10089.IJICS.2019.V6I5.18.3130>

- Alex Rajesh, G., Nanthini, M., & Sivaranjani, P. (2022). Impact of capital structure on financial performance of small finance banks. *International Journal of Management (IJME)*, 6, 1–12. ISSN: 0974-5823. (Scopus indexed, Kalahari Journals).
- Sivaranjani, P., & Muthukumar, M. (2024). Survival analysis for predicting heart failure risk. *Indian Journal of Natural Sciences*, 15(83), 1–10. ISSN: 0976-0997.
- Sivaranjani, P., & Muthukumar, M. (2024). Predicting heart failure risk using binary logistic regression: Implications for personalized interventions and patient care. *Bulletin of Environment, Pharmacology and Life Sciences*, 13(3), 1–10. ISSN: 2277-1808.

### Book Chapters

- Sivaranjani, P. (2024). Integrating artificial intelligence with statistical methods: Applications and innovations. In *AI and its Applications* (pp. 83-85). IOT Academy Publishers. ISBN: 978-93-93622-75-4.

### Proceedings

- Sivaranjani, P. (2022). A study on consumer awareness and preferences towards Ayurvedic products in Coimbatore city during COVID.
- Sivaranjani, P., & Yuvaraj, V. (2022). Traverse the bump of COVID-19 rampant on women small scale entrepreneurs in India. In *ICSSR Sponsored One Day National Level Seminar on Challenges and Problems Faced by Women Entrepreneurs in Indian Society after COVID-19 Pandemic* (Vol. 1, ISBN: 978-93-5701-450-2).
- Sivaranjani, P., & Yuvaraj, V. (2025). Integrating Artificial Intelligence with Survival Statistics on a Novel Approach to Predictive Analytics in Time-To-Event Data in Artificial Intelligence in Science, Technology, Commerce, Management, Healthcare and Education (Vol. 1, ISBN: 9789361261909).
- Sivaranjani, P., & Yuvaraj, V. (2025). The Role of Culture in Shaping Women's Identities in Women Empowerment : Diverse Dimensions (Vol-3)

### PRESENTATIONS

|                   | State Level | National | International |
|-------------------|-------------|----------|---------------|
| <b>Conference</b> | -           | 1        | 2             |
| <b>Seminar</b>    | 1           | -        | -             |

### PARTICIPATION

|                    | State Level | National | International |
|--------------------|-------------|----------|---------------|
| <b>Conference</b>  | 1           | 1        | 1             |
| <b>Seminar</b>     | 1           | 1        | 1             |
| <b>Workshop</b>    | 2           | 3        | 1             |
| <b>Orientation</b> | 1           | -        | -             |
| <b>FDP/PDP</b>     | 3           | 5        | 3             |

### **Members in BoS/ Editorials/ Professional Bodies**

- Served as a Board Member in Statistics at BU (Bharathiar University) for one year.

### **AWARDS, HONORS AND RECOGNITION**

| <b>Awards / Honors /Recognition</b> | <b>Agency / Institution</b> | <b>Year of Award</b> |
|-------------------------------------|-----------------------------|----------------------|
| Kalam Award 2025                    | Silampoli Foundation        | 2025                 |
| Best Professor Award 2025           | Wisdom path Foundation      | 2025                 |