

Faculty Profile of Dr. S. Jayalakshmi



Dr. S. Jayalakshmi
Assistant Professor
Department of Statistics

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Research Area

- Statistical Quality Control
- Bio-Statistics
- Agricultural Statistics
- Official Statistics

Education & Career

Education

Ph.D.

Subject : Statistics

Institution : Bharathiar University

Affiliated University : Bharathiar University

Year of Award : 2009

M.Sc.,

Subject : Applied Statistics

Institution : Bharathiar University

Affiliated University : Bharathiar University

Year of Award : 2003

B.Sc.,

Subject : Statistics

Institution : C.B.M College of Arts and Science

Affiliated University : Bharathidasan University

Year of Award : 2001

Career**At Bharathiar University (Reverse Order)**

Assistant Professor : ***** to Till Date

Past Experience

Assistant Professor : 2010 to 2012 at Kovai Kalaimagal College of Arts and Sciences

Awards**Membership****Membership in Professional Bodies**

Organization : Bharathiar University

Type of Membership : Board of Study Member

Period : Till Date

Membership in Academic Bodies

Organization : Indian Society for Probability and Statistics

Type of Membership : Life Member

Period : Till Date

Visits

Collaborators

Others

Projects

Funded Projects (National Level)

- [Ongoing](#)
- [Completed](#)

Ongoing Projects List with necessary Information

Completed Projects List with necessary Information

Consultancy Projects

- [Ongoing](#)
- [Completed](#)

Ongoing Consultancy Project Informations

Completed Consultancy Project Informations

Research Guidance

- [Post Doc.](#)
- [Ph.D.](#)

- [M.Phil.](#)
- [M.Sc.](#)

Ongoing

Title

Name

Completed

Title

Name

Ongoing

1. Neena Krishna P K
2. Aleesha A
3. Gopinath

Completed

Sample Data.

Ongoing

Sample Data.

Completed

1. A.Abitha, Designing of Quick Switching Repetitive Deferred Sampling System Using Minimum Angle Method and Minimum Sum of Risks. 2017-2018
2. R.Soundharya, A Study on Quick Switching Special Type Double Sampling System Indexed by Cross over Points. 2018-2019

3. S.Vijilamery, Acceptance Sampling Based On Truncated Life Tests In The Gompertz Frechet Distribution, 2020 - 2021.

Ongoing

Sample Data.

Completed

- 1 R.Loshini, A Statistical Study On Laser Tonsillectomy And Dissection Tonsillectomy, 2017-2018
2. G.Nagamsgudeswari, A Statistical study various types of oil seed production and rainfall in India, 2017-2018
3. S.Vaishnavi, A Statistical Study on Birth and Death Registration and suicide rate in India, 2017-2018
4. K.Poovarasani, Certain Statistical Study On Impact of Goods & Service Tax, 2017-2018
5. L.Ragavi, Certain Statistical Study on various Types of crops in India, 2017-2018
6. G.Venkadesh, Certain Statistical Study on communicable diseases, 2017-2018
7. M.Bhuvaneshwari, A Statistical Evaluation of various crimes Reports Against Women in India, 2018-2019
8. N.Ganga, A Statistical study on National Rural health mission activities with special reference to non-high focus states in India, 2018-2019
9. D.Movindhan, A statistical Study on Tamilnadu state Transport Corporations, 2018-2019
10. Princy Peter, A Statistical Study on the influence of Advertisement on consumers buying Behavior case study of M.K Fabrics Textile products, 2018-2019
11. R.Rajeswari, A Statistical Evaluation on Various Horticultural crops in India, 2018-2019
12. Indhu .R, A Study on official Statistical system and its various service sectors in India, 2018-2019
13. Suvedha.B, Prediction of clinical outcome to neo-adjuvant chemotherapy in patients with breast cancer, 2018-2019
14. Amardas, K.G, A statistical Report on Tea production in India, 2018-2019
- 15.Jayalalitha P , Predictive Analysis on Diabetes Prognosis using R Studio, 2020.

- 16.R.Dhivya, Statistical study on Petroleum production in India, 2020.
- 17.Sathya, A statistical study on Forest Fire, 2020.
- 18.Mahesh.M, Statistical Study on Indian Currency, 2020.
- 19.Bhanupriya .G, Statistical Study on Newspapers and periodicals, 2020.
- 20.Aswathy.S, Various factors affecting Heart Diseases,2020.
- 21.Sarika .S, Statistical study on Parkinson's Disease,2020.
- 22.Subramani. M, A Statistical Study on Coal Production in India, 2020.
- 23.Abirami. M, A Statistical study on Banking Transaction through NEFT and RTGS in India.,2020.
- 24.Delfa A.R, Analyzing the factors stroke, 2020.
- 25.D.Harini, A Statistical Study on factors on Cardiovascular Disease, 2021.
- 26.Malini .P, A Statistical Study on various factors in Cancer Disease, 2021.
- 27.Ragavi Meera. A, A Statistical Study on Lower Back pain symptoms, 2021.
- 28.Thejeshwi. K, A Statistical Study on factors of Heart Failure, 2021.
- 29.Leelavathy.S, A Statistical Study on various factors of Lung Cancer, 2021
- 30.Savitha .A, A Statistical study on Alzheimer's Disease, 2021.

Research Publication

- [International](#)
- [National](#)
- [Patents](#)
- [Conferences](#)
- [Books /](#)

2021

13. Designing of Special Type Double Sampling Plan for life tests based on percentiles Using Exponentiated Frechet Distribution

S Jayalakshmi and P K Neena Krishna

Reliability Theory & Applications, 16(1), 117-123, (2021)

2020

12. [A study on Quick Switching Special Type Double Sampling Plan indexed by crossover point-1](#)

S Jayalakshmi and R Soundharya

Research Journal of Humanities and Social Sciences, 11(4), 284-286, (2020)

11. [Selection of Bayesian Skip lot sampling plan-3 with conditional repetitive group sampling plan using Trigonometric Ratio Method](#)

S Jayalakshmi and P K Neena Krishna

International Journal of Statistics and Applied Mathematics, 5(4), 196-200, (2020).

10. Designing of quick switching system with conditional repetitive group sampling plan-1 minimum angle method

S Jayalakshmi and K KaviyaMani

International Journal of Statistics and Applied Mathematics, 5(4), 210-212, (2020)

9. [Designing of Bayesian Skip lot sampling Plan-3 with single sampling plan indexed through quality region using MATLAB](#)

S Jayalakshmi and P K Neena Krishna

AIP Conference Proceedings 2261(1), 030110-030118, (2020).

8. Performance of decision region in Bayesian Skip Lot-3 with Repetitive Deferred Sampling Plan as reference plan.

S Jayalakshmi and P K Neena Krishna

International Journal of Advanced Science and Technology, 29(7), 10755-10763, (2020).

7. Construction Quick Switching Repetitive Group Sampling Plan Indexed through Quality Decision Region (QSSRGS-1)

S Jayalakshmi and K KaviyaMani

International Journal of Advanced Science and Technology 29 (7s), 4450 – 4457, (2020).

6. Selection Procedure for QSS with RDS plan through Relative Slopes.(QSRDSS-2)

S Jayalakshmi

An Interational Multidisciplinary C Journals, 2(1)

2018

5. [Selection Procedure for Quick Switching System With Single Sampling Plans through Relative Slopes \(QSS-2 \(n, cN, cT\)\)](#)

S Jayalakshmi

International Journal of Statistics and Systems,13(1),15-21, (2018)

4. Selection of Quick Switching System with Single Sampling Plans through Relative Slopes (QSS-2 (n, kn, c0))

S Jayalakshmi

International Journal of Pure and Applied Mathematical Sciences,11(1),1-6,(2018).

3. Construction and selection of skip-lot sampling plan (SKSP-2) with special type double sampling plan through acceptable and limiting quality level

S Jayalakshmi

International Journal of Statistics and Mathematics, 26(1),1-5,(2018).

2008

2. [Selection of quick switching system with special type double sampling plans through MAPD and MAAOQ](#)

K K Suresh and S Jayalakshmi

International Journal of Statistics and Management System, 3(1-2), 93-100, (2008).

1. Selection procedure for QSS with RDS plan through Relative slopes

K K Suresh and S Jayalakshmi

International Journal of Pure and Applied Mathematics,44(5),765-771, (2008).

2009

7. Designing of Quick Switching System with Repetitive Deferred Sampling

Plans specified Quality Levels

K.K.Suresh and S.Jayalakshmi

Journal of Modern Sciences, Vol. 1, No.1, pp. 1-6. (2009).

2007

6. Selection of Repetitive Deferred Sampling Plan for given Acceptable and Limiting Quality Level

K K Suresh and S Jayalakshmi

Impact Journal of Science and Technology, India. Vol.I, No.I, pp 25-35.(2007).

5. Selection procedure for QSS-3 with single sampling plan through relative slopes

K K Suresh and S Jayalakshmi

ACTA CIENCIA INDICA MATHEMATICS, 33 (4), 1415,(2007).

2006

4. [Selection of Quick Switching System with Single Sampling Plans through MAPD and MAAOQ](#)

K K Suresh and S Jayalakshmi

Impact Journal of Science and Technology, India. Vol.I, No.2, pp. 91-102,(2006).

3. [Designing of Quick Switching System with Special Type Double Sampling Plans Specified Quality Levels](#)

K K Suresh and S Jayalakshmi

Impact Journal of Science and Technology, India. Vol.I, No.2, pp. 41-50,(2006).

2005

2. Designing of Tightened- Normal - Tightened Scheme under Minimum Angle Method

K K Suresh and S Jayalakshmi

ACTA CIENCIA INDICA, Vol.XXXIIIM, No.3, pp. 1073-1082.(2005).

1. Selection of Bagchi's Two Level Chain Sampling Plan indexed through Minimum Angle Method

K K Suresh and S Jayalakshmi

Accordion title 1

Accordion content 1.

Accordion title 2

Accordion content 2.

Books & Chapters Related Info

Alumini Reflections: