




Kirori Mal College, University of Delhi



Title	Dr.	First Name	Renu	Last Name	Garg	Photograph
Designation		Assistant Professor				
Address		Department of Statistics, Kirori Mal College, University of Delhi, Delhi -110007				
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Educational Qualifications						
Degree		Institution			Year	
Ph.D.		Department of Statistics, M.D. University, Rohtak			2017	
M.Phil.		Department of Statistics, C.C.S. University, Meerut			2013	
B.Ed.		R.D.P.D. Girls PG College, C.C.S. University, Meerut			2011	
M.Sc.		Department of Statistics, C.C.S. University, Meerut			2010	
B.Sc.		D.P.B.S. Degree College, C.C.S. University, Meerut			2008	
Career Profile						
<ol style="list-style-type: none">1. Assistant Professor (Ad-hoc). Department of Statistics, Kirori Mal College, University of Delhi, Delhi-110007 since September 13, 2021 to till date.2. Assistant Professor (Ad-hoc). Department of Statistics, University of Delhi, Delhi-110007 from January 01, 2018 to September 12, 2021.3. Guest Faculty. Department of Statistics, C.C.S. University, Meerut, UP from August 01, 2013 to January 31, 2014 and April 01, 2014 to May 31, 2014.						
Administrative Assignments						
<ol style="list-style-type: none">1. Deputy Coordinator of Research Activity Cell for Academic Session 2020-2021 in the Department of Statistics, DU.2. Member, PG Admission Committees for Academic Sessions 2018-2019, 2019-2020, 2020-2021 in the Department of Statistics, DU.3. Member, IQAC Committee for Academic Sessions 2018-2019, 2019-2020, 2020-2021 in the Department of Statistics, DU.4. Member, Syllabus Revision Committee for B.Sc. (Hons.), B.A. (Programme) Statistics and B.Sc. (Programme) Mathematical Sciences under CBCS for Academic Session 2018-2019 in the Department of Statistics, DU.5. Member, Syllabus Revision Committee for M.A./M.Sc. Statistics under CBCS Academic Session 2018-2019 in the Department of Statistics, DU.6. Member, Syllabus Revision Committee Ph.D. Entrance Exam for AY 2019-2020 in the Department of Statistics, DU.7. Member, Internal Assessment Test Committee for Academic Session 2018-2019 in the Department of Statistics, DU.8. Member, Perpetration of Reports for NAAC Committee for Academic Session 2018-2019 in the Department of Statistics, DU.						

Areas of Interest / Specialization
<ol style="list-style-type: none"> 1. Censored Data 2. Reliability and Life Testing 3. Bayesian Inference
Subjects/papers Taught
<p>UG Level</p> <ol style="list-style-type: none"> 1. Mathematical Analysis <p>PG Level</p> <ol style="list-style-type: none"> 2. Statistical Methodology 3. Statistical Inference 4. Design of Experiments 5. Problem solving using R software 6. Problem solving using SPSS
Research Guidance
Publications Profile
<p>a. Research Papers</p> <p>* As Corresponding Author.</p> <ol style="list-style-type: none"> 1. Saini S, Tomer S and Garg R* (2021). On the Reliability Estimation of Multicomponent Stress-Strength Model for Burr XII Distribution using Progressively First-Failure Censored Samples. Journal of Statistical Computation and Simulation, pp. 1-38. IF 1.424. ISSN: 0094-9655 (Taylor & Francis). 2. Garg R*, and Kumar K (2021). On Estimation of $P(Y < X)$ for Generalized Inverted Exponential Distribution based on Hybrid Censored Data. To appear in Statistica. ISSN: 1973-2201. 3. Chaturvedi A, Garg R, and Saini S* (2021). Estimation and Testing Procedures for the Reliability Characteristics of Kumaraswamy-G Distributions based on the Progressively first failure censored sample. OPSEARCH, pp. 1-24. ISSN: 0975-0320 (Springer). 4. Saini S*, Chaturvedi A, and Garg R (2021). Estimation of stress-strength generalized Maxwell failure distribution under progressive first failure censoring. Journal of Statistical Computation and Simulation, 91(7), pp. 1366-1393. IF 1.424. ISSN: 0094-9655 (Taylor & Francis). 5. Garg R*, Dube M and Krishna H (2020). Estimation of parameters and reliability characteristics in Lindley distribution using randomly censored data. Statistics, Optimization & Information Computing, 8, pp. 80-97. ISSN: 2310-5070. 6. Krishna H, Dube M and Garg R* (2019). Estimation of Stress-strength Reliability of Inverse Weibull Distribution under Progressive First Failure Censoring. Austrian Journal of Statistics, 48, pp. 14-37. ISSN: 1026-597X. 7. Krishna H, Dube M and Garg R* (2017). Estimation of $P(Y < X)$ for Progressively First Failure Censored Generalized Inverted Exponential Distribution. Journal of Statistical Computation and Simulation, 87(11), pp. 2274-2289. ISSN: 0094-9655. IF 1.424. ISSN: 0094-9655 (Taylor & Francis). 8. Kumar K*, Garg R and Krishna H (2017). Nakagami Distribution as a Reliability Model under Progressive Censoring. International Journal of System Assurance Engineering and Management. 8(1), pp. 109-122. ISSN: 0975-6809 (Springer). 9. Dube M, Krishna, H and Garg R* (2016). Generalized Inverted Exponential Distribution under Progressive First Failure Censoring. Journal of Statistical Computation and Simulation, 86(6), pp.1095-1114. IF 1.424. ISSN: 0094-9655 (Taylor & Francis).

10. **Garg R**, Dube M, Kumar K* and Krishna H (2016). On Randomly Censored Generalized Inverted Exponential Distribution. American Journal of Mathematical and Management Sciences. 35(4), pp. 361-379. ISSN: 0196-6324 (Taylor & Francis).
11. Dube M, **Garg R*** and Krishna, H (2016). On Progressively First Failure Censored Lindley Distribution. Computational Statistics, 31(1), pp. 139-163. IF 1.000. ISSN: 0943-4062 (Springer).
12. Kumar K*, Krishna H and **Garg R** (2015). Estimation of $P(Y < X)$ in Lindley Distribution using Progressively First Failure Censoring. International Journal of System Assurance Engineering and Management. 6(3), pp. 330-341. ISSN: 0975-6809 (Springer).
13. Kumar K and **Garg R*** (2014). Estimation of the Parameters of Randomly Censored Generalized Inverted Rayleigh Distribution. International Journal of Agricultural and Statistical Sciences. 10(1), pp. 147-155. ISSN: 0973-1903.

b. Books

c. Chapters in Books

d. Articles/Research Papers in Books

e. Conference proceedings

Conferences/Workshops/ Trainings Organized

Creation of ICT Mediated Teaching Learning Pedagogy and Content

Conferences/Workshops/ Trainings attended as Faculty Member

a. Conferences

1. Presented a paper “Stress-Strength Reliability Estimation of Generalized Inverted Exponential Distribution Using Hybrid Censored Data”, International Conference on “Recent Advances in Computational Mathematics & Engineering” organized by B K Birla Institute of Engineering & Technology, Pilani, Rajasthan during 19-21 March 2021.
2. Presented a paper, “Estimation of Stress-Strength Reliability in Inverse Weibull Distribution using Progressively First Failure Censored Data”, International Conference on Emerging Innovations in Statistics & Operations Research during December 27-30, 2018 at M.D. University, Rohtak, India.
3. Presented a paper titled, “Reliability Estimation in Nakagami Distribution using Progressively Censored Data”, International Conference on Emerging Trends in Inventory, Supply Chain & Reliability Modeling during December 21-23, 2018 at University of Delhi, Delhi, India.

b. Workshops

1. Attended a one week online National Workshop on “Applications of Mathematical and Statistical Tools” Jointly organized by Department of Mathematics, Department of Statistics and School of Education under the Scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Central University of Haryana, Mahendergarh, India during 20-24 March 2021.
2. Attended a Workshop on “How to Write a Research Paper”, during December 17-20, 2018 at University of Delhi, Delhi, India.

c. Trainings

1. Attended a 4-Week Induction/Orientation Programme conducted by Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi from 19 July - 17 August 2021 and obtained "A+" grade.

Invited Lectures/Resource Persons**Research Projects (Major Grants/Research Collaboration)****Awards and Distinctions**

1. Senior Research Fellowship (SRF) by Council of Scientific & Industrial Research (CSIR) from April 17, 2017 to September 22, 2017.
2. First position in M.Phil. (Statistics) in Ch. Charan Singh University, Meerut and received Vice Chancellor and Dr. Prem Chand Kansal Gold Medals.
3. First position in M.Sc. (Statistics) in Ch. Charan Singh University, Meerut and received Vice Chancellor Gold Medal.

Association with Professional Bodies

1. Life Member of Indian Society for Probability and Statistics.
2. Life Member of International Indian Statistical Association.
3. Life Member of Association of Inventory Academicians and Practitioners.

Other activities**Research Papers Reviewed for following Journals:**

Annals of Data Sciences (Springer), Communications in Mathematics and Statistics (Springer), Cogent Mathematics, IEEE Access, International Journal of Systems Assurance Engineering and Management (Springer), Journal of Applied Statistics (Taylor & Francis), Journal of Mathematics, Journal of Statistical Computation and Simulation (Taylor & Francis), Journal of Testing and Evaluation, Quality and Reliability Engineering International (Wiley), Remote Sensing Letters (Taylor & Francis).



Signature of Faculty Member