



Faculty Profile: Dr. K. S. Chauhan
Department of Statistics
Ram Lal Anand College, University of Delhi



Title	Dr.	First Name	K. S.	Last Name	CHAUHAN	Photograph
Department		STATISTICS				
Designation		ASSISTANT PROFESSOR				
Institutional Web page		https://sites.google.com/rla.du.ac.in/drkuldeepsinghstatistics/home				
Google Scholar		https://scholar.google.com/citations?hl=en&user=oSan4R0AAAAJ				
Research Gate		https://www.researchgate.net/profile/Kuldeep-Chauhan-6				
ORCID ID		https://orcid.org/0009-0003-5478-9625				
Scopus ID		https://www.scopus.com/authid/detail.uri?authorId=57962307700				
Vidwan ID		https://vidwan.inflibnet.ac.in/profile/397105				
Educational Qualifications						
Degree		Institution			Year	
Ph. D.		CCS University, Meerut			2013	
M. Phil		CCS University, Meerut			2006	
M.Sc.		CCS University, Meerut			2004	
Career Profile						
Assistant Professor since 2011.						
Administrative Assignments						
1. Convener of Equal Opportunity Cell. 2. Co-Convener of Sangoshthi committee.						
Areas of Interest / Specialisation						

Reliability and Life Testing, Sequential Analysis, Bayesian Analysis
Subjects Taught
Probability Distribution, Statistical Inference, Time Series Analysis, Operational Research, C-Language, R-Language, SPSS, Calculus, Inventory Theory, Reliability Theory and Life Testing.
Research Guidance
NA
Publications Profile (RECENT)
Papers: 1. Chauhan, K. S., Sharma, A., “Sequential testing procedure for the parameters of inverse distribution family,” <i>Reliability: Theory and Applications</i>, vol. 19, no. 1 (77), pp. 819–831, 2024. 2. Chauhan, K. S., Sharma, A., Kumar, L., Mohindroo, M., Singh, P., Yadav, T., & Kumar, A. Examining the Stress and Stressors among Undergraduate Students: A Cross-Sectional Study in University of Delhi, <i>Annals of Biology</i>, 40(2), 321-326, 2024. 3. Chauhan, K. S., “Estimation and testing procedures of $P(Y < X)$ for the inverse distributions family under type-II censoring,” <i>Reliability: Theory and Applications</i>, vol. 17, no. 3 (69), pp. 328–339, 2022.
Chapters in books and e-chapters (Published)
Conference Organisation/ Presentations
Events Organised: 1. The organising team member of the One-Week Faculty Development Programme on "Data Analysis Using R" was held from 12.12.2022 to 18.12.2022, organised by RAM LAL ANAND COLLEGE, UNIVERSITY OF DELHI and the Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT (MOE), New Delhi. 2. The organising team coordinator of the One-Week Faculty Development Programme on "Research writing & Mathematical typesetting with LATEX" was held from 07.12.2023 to 13.12.2023, organised by RAM LAL ANAND COLLEGE, UNIVERSITY OF DELHI, and the Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT (MOE), New Delhi. 3. The organising team Convener of a 40-hour Add-on Certificate Course on “Basics of Statistical Analysis with MS Excel”, conducted from 11 September 2025 to 27 November 2025, by the DEPARTMENT OF STATISTICS, RAM LAL ANAND COLLEGE, UNIVERSITY OF DELHI. 4. The organising team Convener of a 40-hour Add-on Certificate Course on “Basics of Statistical Data Analysis using MS Excel for Research Methodology (Series-1)”, conducted from 14 February 2026 to 26 April 2026, by the DEPARTMENT OF STATISTICS, RAM LAL ANAND COLLEGE, UNIVERSITY OF DELHI.

**Invited Talks, Resource person, invited Chairperson, Conference Paper presentations (Oral):
Presentations: International**

5. Uniformly Minimum Variance Unbiased Estimator of the Reliability Function for a Family of Lifetime Distributions under Type II Censoring” in the International Conference on Mathematical Modelling and Computations (ICMMC-2018) was held during December 01–03, 2018, at the Department of Mathematics, South Asian University, New Delhi.
6. Uniformly Minimum Variance Unbiased Estimator of the Reliability Function for a Family of Inverse Distributions” online in the 2018 MTMI International Conference, organised by Modern Technology and Management Institute (MTMI), USA, was held on December 22–23, 2018, at Hotel IBIS Bangkok Riverside, Thailand.

Presentations, invited Chairperson: National

7. Estimation of the reliability function for a family of lifetime distributions under type I and type II censoring” in the UGC-sponsored Recent Statistical Computing Techniques and Their Applications (RSCTA-2016) was held during March 11–12, 2016, at the Department of Statistics, Ramanujan College (University of Delhi), New Delhi.
8. Robustness of the sequential Probability Ratio Test for the parameters of zero-truncated negative binomial, binomial, and Poisson distributions” in the UGC-sponsored national conference Emerging Trend in Statistics and Data Science (ETSDS-2019) was held during September 06–07, 2019, at the Department of Statistics, Ramanujan College (University of Delhi), New Delhi.
9. “Estimation and testing procedures of stress-strength reliability for the family of inverse distributions under type II censoring” in the UGC-sponsored national conference Advanced Statistics and Applied Sciences (ASAS-2022) was held during March 30-31, 2022, at the Department of Statistics, Ramanujan College (University of Delhi), New Delhi.
10. **Resource Person**, 40-hour Add-on Certificate Course on “Basics of Statistical Analysis with MS Excel”, organised by the Department of Statistics, Ram Lal Anand College, University of Delhi, 11 September – 27 November 2025.
11. **Resource Person**, 40-hour Add-on Certificate Course on “Basics of Statistical Data Analysis using MS Excel for Research Methodology (Series-1)”, conducted from 14 February 2026 to 26 April 2026, organised by the Department of Statistics, Ram Lal Anand College, University of Delhi.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

- UGC-CSIR National Eligibility Test for Lectureship and Junior Research Fellowship (Mathematical Science) in June 2006.
- JRF was awarded by the UGC in 2007.
- SRF was awarded by the UGC in 2009.

Association With Professional Bodies

Other Activities

1. “A workshop on Statistical computing using R” was held on September 14–15, 2013, organized by the Department of Statistics, University of Delhi, New Delhi.
2. “1st ICT Workshop on Microsoft Excel and PowerPoint” was held on October 9–14, 2017, organized by Ram Lal Anand College (University of Delhi), New Delhi.
3. A Faculty Development Programme entitled “Data Analysis Using Software Packages” was held on December 12–24, 2018, organized by the Department of Statistics and IQAC, Hindu College (University of Delhi), New Delhi.
4. A Faculty Development Programme entitled “Writing Research Proposals and Addressing IPR-related Issues” was held on March 29–30, 2019, organized by Ram Lal Anand College (University of Delhi), New Delhi.
5. A Faculty Development Programme entitled “Co-creating Moocs: Hands-on Training for Designing and Developing Moocs” was held during February 10–16, 2020, organized by Ramanujan College (University of Delhi), New Delhi.
6. A Faculty Development Programme entitled “Optimization: The OMNIPRESENT” was held during February 4–9, 2022, jointly organized by Motilal Nehru College (University of Delhi) and Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi under PMMMNMTT (MOE), New Delhi.
7. A Faculty Development Programme entitled “NEP-2020, NEW TRENDS IN HIGHER EDUCATION” was held during August 29–September 4, 2022, jointly organized by Ram Lal Anand College (University of Delhi) and Teaching Learning Center, Ramanujan College, University of Delhi under PMMMNMTT (MOE), New Delhi.
8. A Faculty Development Programme entitled “STATISTICS WITH ‘R’, FINANCIAL DATABASE, AND ANALYSIS SOFTWARE” was held during November 4–11, 2022, jointly organized by the University of Delhi and Guru Angad Dev Teaching Learning Center, SGTB Khalsa College, University of Delhi under PMMMNMTT (MOE), New Delhi.
9. A refresher course entitled "STATISTICS" was held from March 30 – April 13, 2023, organized by the Teaching Learning Center and Department of Statistics, Ramanujan College, University of Delhi under PMMMNMTT (MOE), New Delhi.
10. A faculty Induction Programme was held from April 23 –May 22, 2023, jointly organized by the Army Institute of Education and Teaching Learning Center, Ramanujan College, University of Delhi under PMMMNMTT (MOE), New Delhi.
11. A faculty Development Programme was held from Dec. 19 – Dec. 29, 2023, organized by the Centre for Professional Development in Higher Education (CPDHE) UGC-Malaviya Mission Teacher Training Centre (MMTTC) University of Delhi, Delhi.

Signature of Faculty Member