



University Faculty Details Page on DU Web-site

Title	Professor	First Name	Ajit	Last Name	Chaturvedi	Photograph
Designation	Professor					
Department	Statistics					
Address (Campus)	Department of Statistics, University of Delhi, Delhi-110007					
(Residence)	BA 323/1, Tagore Garden, New Delhi-110027					
Phone No (Campus)	27666671(Extn. 307)					
(Residence)optional	45538551					
Mobile	9871375196					
Fax						
Email	ajitc2001@yahoo.co.in					
Web-Page						
Education:						
Degree	Institution	Year	Details			
Ph.D.	Lucknow University	1989	Thesis topic: Asymptotic Theory of Sequential Estimation			
M.Sc.	Lucknow University	1982	Subject: Mathematical Statistics			
B.Sc.	Lucknow University	1979	Subjects: Physics, Mathematics and Statistics			
Career Profile						
Organisation / Institution	Designation	Duration	Role			
(1)University of Jammu	Lecturer, Department of Statistics	October 11, 1988 to June 21, 1993	Teaching			
(2)Ch.Charan Singh University, Meerut	Lecturer, Department of Statistics	June 22, 1993 to January 17, 2000	Teaching			
(3) Allahabad University	Reader, Department of Statistics	January 18, 2000 to January 29, 2002	Teaching			
(4) University of Delhi	Associate Professor, Department of Statistics	January 30, 2002 to December 29, 2008	Teaching \			
(5) University of Delhi	Professor, Department of Statistics	December 30, 2008 till date	Teaching			
Research Interests / Specialization						

Sequential Analysis, Reliability and Life-Testing	
Teaching Experience (Subjects/Courses Taught)	
Statistical Inference, Statistical Methodology, Reliability and Life-Testing	
Honors & Awards	
(i)	Awarded the Best Paper Award by the Indian Society of Agricultural Statistics for the years 1987-1988.
(ii)	Awarded the Best Paper Award by the Indian Society of Agricultural Statistics for the years 1989-1990.
(iii)	Awarded the Best Paper Award by the Indian Society of Agricultural Statistics for the years 1995-1996.
(iv)	Selected for the presentation of paper under Indian Science Congress Association Young Scientists Programme at the 77 th Session (1990) of the Indian Science Congress held at Cochin.
(v)	Junior Research Fellowship of Council of Scientific and Industrial Research (CSIR) on the basis of all India national competition held in the year 1983 (Lucknow University).
(vi)	Senior Research Fellowship of CSIR in 1986 (Lucknow University).
(viii)	Research Associate of CSIR in 1988 (Indian Institute of Technology, Kanpur).
Publications	
Books / Monographs	
Nil	
<u>In Indexed/ Peer Reviewed Journals</u>	
1.	Ajit Chaturvedi (1985): Sequential estimation of an inverse Gaussian parameter with prescribed proportional closeness. <i>Calcutta Statistical Association Bulletin</i> , 34, 215-219. ISSN: 0008-0683
2.	Ajit Chaturvedi (1985): On the multivariate analogue of sequential simultaneous estimation problem. <i>Journal of the Indian Society of Agricultural Statistics</i> , 37, 271-275. ISSN:0019-6363
3.	Ramkaran, Ajit Chaturvedi and S.A.Akbar (1986): Sequential estimation of a linear function of k-normal means. <i>Journal of the Indian Society of Agricultural Statistics</i> , 38, 395-402. ISSN:0019-6363
4.	Ajit Chaturvedi (1986): Further remarks on sequential point estimation of the mean of a multinormal population. <i>Journal of Sequential Analysis</i> , 5(3), 263-275. ISSN:0747-4946
5.	Ajit Chaturvedi (1986): Sequential estimation of the difference of two multinormal means. <i>Sankhya</i> , A48, 331-338. ISSN: 0976-836X
6.	Ajit Chaturvedi (1986): Addendum to sequential estimation of an inverse Gaussian parameter with prescribed proportional closeness. <i>Calcutta Statistical Association Bulletin</i> , 35, 211-212. ISSN:0008-0683
7.	Ajit Chaturvedi (1987): Sequential point estimation of the mean of a log-normal population. <i>Journal of Statistical Research</i> , 21, 21-27. ISSN:0256-422X
8.	Ajit Chaturvedi (1987): Sequential estimation of the difference of two bivariate normal means. <i>Journal of the Indian Statistical Association</i> , 25, 1-11. ISSN: 0537-2585
9.	Ajit Chaturvedi (1987): Sequential point estimation of regression parameters in a linear model. <i>Annals of the Institute of Statistical Mathematics</i> , A39, 55-67. ISSN:0020-3157
10.	Ajit Chaturvedi (1988): Sequential confidence region estimation of a function of the parameters. <i>Journal of Statistical Research</i> , 22, 55-60. ISSN:0256-4226

11. R. Karan Singh and Ajit Chaturvedi (1988): On sequential procedures for the point estimation of the mean vector. *Calcutta Statistical Association Bulletin*, 37, 47-54. ISSN:0008-0683
12. R. Karan Singh and Ajit Chaturvedi (1988): Fixed-size confidence region estimation of the mean vector. *Journal of the Indian Society of Agricultural Statistics*, 40, 51-59. ISSN:0019-6363
13. Ajit Chaturvedi (1988): On a modified sequential procedure to construct confidence regions for regression parameters. *Journal of the Indian Society of Agricultural Statistics*, 40, 111-115. ISSN:0019-6363
14. Ajit Chaturvedi (1988): On Sequential procedures for the point estimation of the mean of a normal population. *Annals of the Institute of Statistical Mathematics*, A40, 769-783. ISSN:0020-3157
15. R. Karan Singh and Ajit Chaturvedi (1989): Sequential procedures for estimating the mean of an inverse Gaussian population. *Journal of the Indian Society of Agricultural Statistics*, 41, 300-308. ISSN:0019-6363
16. Ajit Chaturvedi and Anoop Chaturvedi (1990): On two sequential procedures for estimating the parameter of a uniform distribution. *Calcutta Statistical Association Bulletin*, 39, 223-225. ISSN:0008-0683
17. Ajit Chaturvedi and Pramod S. Shukla (1990): Sequential estimation of location of negative exponential distribution saving sampling operations. *Journal of the Indian Society of Statistics and Operations Research*, 32. ISSN:0250-9636
18. Ajit Chaturvedi and Pramod S. Shukla (1990): Sequential point estimation of location parameter of a negative exponential distribution. *Journal of the Indian Statistical Association*, 28, 41-50. ISSN:0537-2585
19. Ajit Chaturvedi (1990): A class of sequential procedures for estimating the parameter(s) of a population. *Proceedings of the Second Biennial Conference of Allahabad Mathematical Society*, 83-102. ISSN:0167-7152
20. Ajit Chaturvedi, S.K. Pandey and Manju Gupta (1991): On a class of asymptotically risk-efficient sequential procedures. *Scandinavian Actuarial Journal*, 1: 87-96. ISSN:0346-1238
21. R. Karan Singh and Ajit Chaturvedi (1991): A note on sequential estimation of the difference between location parameters of two negative exponential distributions. *Journal of the Indian Statistical Association*, 29, 107-114. ISSN:0537-2585
22. Ajit Chaturvedi (1991): A two-stage procedure for estimating the difference between means of two populations. *Proceedings of the National Academy of Sciences*, A61, 85-88. ISSN:0369-8203
23. Anoop Chaturvedi and Ajit Chaturvedi (1991): Further remarks on sequential point estimation of regression parameters. *Journal of the Indian Society of Agricultural Statistics*, 43, 40-48. ISSN:0019-6363
24. Ajit Chaturvedi, Neeraj Tiwari and S.K. Pandey (1992): Second-order approximations to a class of sequential point estimation procedures. *Metron*, 50, 161-177. ISSN:2281-695X
25. Ajit Chaturvedi, N.D. Shukla and Pramod S. Shukla (1992): Fixed-width confidence intervals for contrasts in the means. *Annals of the Institute of Statistical Mathematics*, A44, 157-167. ISSN:0020-3157
26. R. Karan Singh and Ajit Chaturvedi (1993): Fixed size confidence region estimation of a linear function of k-normal means. *Journal of the Indian Society of Agricultural Statistics*, 45, 331-340. ISSN:0019-6363

27. Ajit Chaturvedi, S.K. Pandey and Manju Gupta (1993): A class of sequential procedures for the bounded risk point estimation. *Journal of the Indian Statistical Association*, 31, 35-46. ISSN:0537-2585
28. Ajit Chaturvedi, Neeraj Tiwari and S.K. Pandey (1993): Multi-stage estimation of the common location parameter of several exponential distributions. *Communications in Statistics-Theory and Methods*, 22 (5), 1413-1423. ISSN:0361-0926
29. Somesh Kumar and Ajit Chaturvedi (1993): A class of two-stage point estimation procedures. *Statistics and Decisions*, 3, 103-114. 0721-2631
30. Ajit Chaturvedi and Rahul Gupta (1994): Linking the estimation and ranking and selection problems through sequential procedures: The normal case. *Statistics and Probability Letters*, 20, 273-285. ISSN:0167-7152
31. R. Karan Singh, Ajit Chaturvedi and Somesh Kumar (1994): Two-stage and sequential procedures for estimating a linear function of k-multinormal means. *Journal of the Indian Statistical Association*, 32, 1-8. ISSN:0537-2585
32. Ajit Chaturvedi and Uma Rani (1995): Sequential estimation of a linear function of the mean and standard deviation of a normal mean. *Proceedings of III International Symposium on Optimization and Statistics*, 99-103. ISSN:2162-948X
33. Ajit Chaturvedi and Rahul Gupta (1995): On a class of sequential point estimation procedures when the estimation rule and stopping rule are dependent. *Proceedings of III International Symposium on Optimization and Statistics*, 82-86. ISSN:2162-948X
34. Ajit Chaturvedi (1995): Sequential interval estimation of the reliability function of negative exponential distribution. *Proceedings of III International Symposium on Optimization and Statistics*, 46-49. ISSN:2162-948X
35. R. Karan Singh, Anita Singh and Ajit Chaturvedi (1995): Multi-stage point estimation of the mean vector of a multinormal population. *Journal of the Indian Society of Agricultural Statistics*, 47, 1-11. ISSN:0019-6363
36. Ajit Chaturvedi and Rahul Gupta (1995): Second-order approximations to sequential estimation of the largest of k-normal means: Covering the case when the variances are unequal and unknown. *Journal of the Indian Statistical Association*, 33, 9-17. ISSN:0537-2585
37. Ajit Chaturvedi and Rahul Gupta (1995): Second-order approximations to two classes of sequential estimation procedures. *Statistics*, 27, 159-173. ISSN: 0233-1888
38. Ajit Chaturvedi, S.K. Pandey and Sheela Misra (1996): A class of asymptotically efficient and consistent sequential procedures to construct fixed-size confidence regions. *Journal of the Indian Society of Agricultural Statistics*, 48(3), 346-355. ISSN:0019-6363
39. Ajit Chaturvedi and Rahul Gupta (1996): On multi-stage procedures for estimating the largest mean of k normal populations having unequal and unknown variances. *Scandinavian Actuarial Journal*, 1, 64-78. ISSN:0346-1238
40. Ajit Chaturvedi and Uma Rani (1996): Fixed-width confidence interval estimation of the inverse coefficient of variation in a normal population. *Microelectronics and Reliability*, 36, 1305-1308. ISSN:0026-2714
41. Ajit Chaturvedi, Neeraj Tiwari and S.K. Pandey (1996): Multi-stage point estimation of the common location parameter of several exponential distributions. *Microelectronics and Reliability*, 36, 637-643. ISSN:0026-2714
42. Ajit Chaturvedi (1996): Sequential interval estimation procedures for the mean exponential survival time and reliability function. *Microelectronics and Reliability*, 36, 91-96. ISSN:0026-2714

43. Ajit Chaturvedi, S.K. Pandey and Manju Gupta (1997): On some classes of sequential estimation procedures saving sampling operations. *Statistica*. ISSN:1973-2201
44. Anoop Chaturvedi, Hikaru Hasegawa, Ajit Chaturvedi and Govind Shukla (1997): Confidence sets for the coefficient vector of a linear regression model with nonspherical disturbances. *Econometric Theory*, 13, 406-429. ISSN: 0266-4666
45. Ajit Chaturvedi and Uma Rani (1997): Estimation procedures for a family of density functions representing various life-testing models. *Metrika*, 46(3), 213-219. ISSN:0026-1335
46. Ajit Chaturvedi (1997): A note on sequential point estimation of the mean of a gamma population. *Microelectronics and Reliability*, 37, 815-817. ISSN:0026-2714
47. Ajit Chaturvedi (1997): Further remarks on sequential estimation of scale parameter in exponential distributions with unknown location. *Microelectronics and Reliability*, 37, 943-948. ISSN:0026-2714
48. Ajit Chaturvedi, Ajay Kumar and Surinder K. (1998): Robustness of the sequential procedures for a family of life-testing models. *Metron*, 56, 117-137. ISSN:2281-695X
49. Ajit Chaturvedi and Uma Rani (1998): Classical and Bayesian reliability estimation of the generalized Maxwell failure distribution. *Journal of Statistical Research*, 32, 113-120. ISSN:0256-422X
50. Ajit Chaturvedi, Ajay Kumar and Pramila Chauhan (1998): The robustness of a sequential test for the mean of an inverted gamma distribution. *Journal of the Indian Statistical Association*, 36, 13-25. ISSN:0537-2585
51. Ajit Chaturvedi and Ajay K. Tyagi (1999): Estimating moments and reliability function for a class of life-testing models including direct and inverted distributions. *Proceedings of Third Conference of International Academy of Physical Sciences*, 331-336. ISSN:2165-8935
52. Saibal Chattopadhyay, Ajit Chaturvedi and Raghu Nandan Sengupta (1999): Linex loss function and its statistical applications-A Review. *Decision*, 26, 51-66. ISSN:0025-1747
53. Ajit Chaturvedi and Surinder K. (1999): Further remarks on estimating the reliability function of exponential distribution under type I and type II censorings. *Brazilian Journal of Probability and Statistics*, 13, 29-39. ISSN:0103-0752
54. Ajit Chaturvedi and Uma Rani (1999): On the classes of two-stage procedures to construct fixed-width confidence regions. *Statistics*, 32, 341-352. ISSN:0233-1888
55. Saibal Chattopadhyay, Ajit Chaturvedi and Raghu Nandan Sengupta (2000): Sequential estimation of a linear function of normal means under asymmetric loss function. *Metrika*, 52, 225-235. ISSN:0026-1335
56. Ajit Chaturvedi, Ajay Kumar and Surinder K. (2000): Sequential testing procedures for a class of distributions representing various life-testing models. *Statistical Papers*, 41, 65-84. ISSN: 1613-9798
57. Ajit Chaturvedi and Saibal Chattopadhyay (2001): Sequential point estimation procedures for the generalized life distributions. *American Journal of Mathematical and Management Sciences*, 21, No. 3 & 4, 243-261. ISSN: 2325-8454
58. Ajit Chaturvedi, Surinder K. and Sanjeev Kumar (2001): Multi-stage estimation procedures for the 'range' of two-parameter uniform distribution. *Metron*, 59, 179-186. ISSN:2281-695X
59. Ajit Chaturvedi and Neeraj Tiwari (2002): Some classes of three-stage estimation procedures. *Journal of Combinatorics, Information and System Sciences*, 27, 41-55. ISSN:0250-9628

60. Ajit Chaturvedi, Neeraj Tiwari and Sanjeev K. Tomer (2002): Robustness of the sequential procedures for the generalized life-distributions. *Brazilian Journal of Probability and Statistics*, 16, 7-24. ISSN:0103-0752
61. Ajit Chaturvedi and Sanjeev Kumar Tomer (2002): Classical and Bayesian reliability estimation of the negative binomial distribution. *Journal of Applied Statistical Science*, 11(1), 33-43. ISSN:1067-5817
62. Ajit Chaturvedi and Sanjeev Kumar Tomer (2003): UMVU estimation of the reliability function of the generalized life distributions. *Statistical Papers*, 44(3), 301-313. ISSN:1613-9798
63. Ajit Chaturvedi and Sanjeev Kumar Tomer (2003): Three-stage and 'accelerated' sequential procedures for the mean of a normal population with known coefficient of variation. *Statistics*, 37(1), 51-64. ISSN: 0233-1888
64. Ajit Chaturvedi and Kh. Gopichandra Singh (2006): Bayesian estimation procedures for a family of lifetime distributions under squared-error and entropy losses. *Metron*, 64, 179-198. ISSN:2281-695X
65. Ajit Chaturvedi and Vandana Sharma (2007): A family of inverse distributions and related estimation and testing procedures for the reliability function. *The International Journal of Statistics and Management System*, 2, 44-66. ISSN:0973-7395
66. Ajit Chaturvedi, Neeraj Tiwari and Sanjay Kumar (2007): Some remarks on classical and Bayesian reliability estimation of binomial and Poisson distributions. *Statistical Papers*, 48, 683-693. ISSN: 1613-9798
67. Ajit Chaturvedi and Vandana Sharma (2007): Bayesian estimation procedures for the zero-truncated negative binomial distribution. *Journal of Applied Statistical Science*, 15 (1), 67-75. ISSN:1067-5817
68. Vasudha Bhatnagar, Sharanjit Kaur and Ajit Chaturvedi (2008): Gradation framework for anomaly detection in streams. *ISAST Transactions on Intelligent Systems*, 1(1), 55-63. ISSN:1798-2448
69. Ajit Chaturvedi and Kh. Gopichandra Singh (2008): A family of lifetime distributions and related estimation and testing procedures for the reliability function. *Journal of Applied Statistical Science*, 16 (2), 35-50. ISSN:1067-5817
70. Ajit Chaturvedi and Sanjeev K. Tomer (2009): Bayesian estimation of $P(X>Y)$ for the generalized life distributions. *Journal of Scientific Research*, 53, 239-251. ISSN:0976-2876
71. Ajit Chaturvedi, Kuldeep Chauhan and Md. Wasi Alam (2009): Estimation of the reliability function for a family of lifetime distributions under type I and type II censorings. *Journal of Reliability and Statistical Studies*, 2(2), 11-30. ISSN:0974-8024
72. Ajit Chaturvedi and Vandana Sharma (2010): A note on the estimation of $P(Y>X)$ in two-parameter exponential distributions. *Statistics*, 44 (1), 73-75. ISSN:0233-1888
73. Md. Wasi Alam and Ajit Chaturvedi (2010): Discriminating among overlapping parametric models and estimating survivorship function of insects mortality. *International Journal of Computational Science and Mathematics*, 2(1), 1-10. ISSN: 1752-5055
74. Ajit Chaturvedi and Md. Wasi Alam (2010): UMVUE and MLE in a family of lifetime distributions. *Journal of the Indian Statistical Association*, 48(2), 189-213. ISSN:0537-2585
75. Ajit Chaturvedi and Vandana Sharma (2011): Bayesian life test planning for a family of lifetime distributions: some approximate solutions. *Journal of Probability and Statistical Science*, 9(2), 169-178. ISSN: 2168-4871

76. Ajit Chaturvedi and Anupam Pathak (2012): Estimation of the reliability function for exponentiated Weibull distribution. *Journal of Statistics and Applications*, 7(3-4), 113-120. ISSN:0973-4600
77. Ajit Chaturvedi, Md. Wasi Alam and Kuldeep Chauhan (2013): Robustness of the sequential testing procedures for the parameters of zero-truncated negative binomial, binomial and Poisson distributions. *Journal of the Indian Statistical Association*, 51(2), 313-328. ISSN:0537-2585
78. Ajit Chaturvedi and Sudeepta Ghosh (2013): Estimating the reliability function for a family of inverse distributions. *Journal of Probability and Statistical Science*, 11(1), 59-78. ISSN:2168-4871
79. Ajit Chaturvedi and Sudeepta Ghosh (2013): Estimation of the reliability function for Gompertz distribution under type I and type II censoring. *International Journal of Agricultural and Statistical Sciences*, 9(1), 1-22. ISSN: 0973-1903
80. Ajit Chaturvedi and Anupam Pathak (2013): Bayesian estimation procedures for three parameter exponentiated Weibull distribution under entropy loss function and type II censoring. *interstat.statjournals.net/YEAR/2013/abstracts/1306001.php* ISSN: 1941-689X
81. Anupam Pathak and Ajit Chaturvedi (2013): Bayesian estimation procedures for exponentiated family of lifetime distributions under squared error and entropy losses. *International Journal of Mathematical Analysis: accepted for publication*. ISSN1312-8876 (print) ISSN 1314-7579 (online)
82. Anupam Pathak and Ajit Chaturvedi (2013): Estimation of the reliability function for four-parameter exponentiated generalized Lomax distribution. *International Journal of Scientific and Engineering Research*, 5(1), 1171-1180.
83. Ajit Chaturvedi and Anupam Pathak (2013): Estimation of the reliability function for two-parameter exponentiated Pareto distribution under type II censoring. *Journal of Mathematics and Statistics: accepted for publication*. ISSN 0974-7117 (Print), ISSN 0973-8347 (Online)
84. Md. Wasi Alam, Ajit Chaturvedi and Anil Kumar (2014): Estimation of survival function under type II censoring using a generalized family approach. *Journal of Agricultural and Statistical Sciences: accepted for publication*. ISSN:0973-1903
85. Ajit Chaturvedi and Anupam Pathak (2014): Estimating the reliability function for a family of exponentiated distributions. *Journal of Probability and Statistics: accepted for publication*. ISSN:1687-9538
86. Ajit Chaturvedi, Anupam Pathak and Taruna Kumari (2014): Estimation of the reliability function for transmuted Weibull distribution. *IJDR: accepted for publication*.
87. Anupam Pathak and Ajit Chaturvedi (2014): Estimation of the reliability function for two-parameter exponentiated Rayleigh or Burr type X distribution. *Statistics, Optimization and Information Computing*, 2, 305-322. ISSN 2310-5070 (online) ISSN 2311-004X (print)
88. Vandana Sharma and Ajit Chaturvedi (2014): Bayesian life test planning for a family of inverse distributions: some exact and approximate solutions. *International Journal of Agricultural and Statistical Sciences*, 10 (2), 291-295. ISSN:0973-1903

89. Md. Wasi Alam, Ajit Chaturvedi, K. N. Singh, Anil Kumar, Amrit K. Paul, Ranjit K. Paul and Kanchan Sinha (2014): Maximum likelihood and uniformly minimum variance unbiased estimation of $P(Y < X)$ for Gompertz distribution. *International Journal of Agricultural and Statistical Sciences*, 10 (2), 267-274. ISSN:0973-1903
90. Ajit Chaturvedi, Neeraj Tiwari and Ravi Kant Bhatnagar (2014): Generalized family of multi-step utility functions for adoption in UNDP's human development index. *Arthshastra Indian Journal of Economics and Research*, 3 (6), 7-19. ISSN: 2278-1811
91. Ajit Chaturvedi and Taruna Kumari (2015): Estimation and testing procedures for the reliability functions of a family of lifetime distributions. *interstat.statjournals.net/YEAR/2015/abstracts/1306001.php* ISSN: 1941-689X
92. Ajit Chaturvedi and Anupam Pathak (2015): Bayesian estimation procedures for three-parameter exponentiated-Weibull distribution under squared-error loss function and type II censoring. *World Engineering and Applied Sciences Journal*, 6 (1), 45-58. ISSN: 2079-2204
93. Ajit Chaturvedi, Suk-Bok Kang and Anupam Pathak (2016): Estimation and testing procedures for the reliability functions of generalized half logistic distribution. *Journal of the Korean Statistical Society*, 45, 314-328. **ISSN: 1226-3192**
94. Ajit Chaturvedi and Shruti Nandchahal (2016): Shrinkage estimators of the reliability characteristics of a family of lifetime distributions. *Statistica*, LXXVI (1), 1-26. **ISSN: 1973-2201**
95. Ajit Chaturvedi and Shruti Nandchahal (2016): Empirical Bayes shrinkage estimation of the reliability characteristics of a family of lifetime distributions. *International Journal of Statistics and Management System*. Accepted for publication. ISSN:0973-7395
96. Ajit Chaturvedi and Ananya Malhotra (2016): Estimation and testing procedures for the reliability functions of a family of lifetime distributions based on records. *International Journal of System Assurance Engineering and Management*. Accepted for publication. ISSN: 0976-4348
97. Ajit Chaturvedi and Taruna Kumari (2016): Estimation and testing procedures for the reliability functions of a general class of distributions. *Communications in Statistics-Theory and Methods*. Accepted for publication.
98. Ajit Chaturvedi and Shantanu Vyas (2017): Estimation and testing procedures for the reliability functions of exponentiated distributions under censorings. *Statistica*, 77 (1), 13-31. **ISSN: 1973-2201**
99. Ajit Chaturvedi and Ananya Malhotra (2017): Inference on the parameters and reliability characteristics of three parameter Burr distribution based on records. *Applied Mathematics and Information Science*, 11(3), 1-13. **ISSN: 1935-0090** (print) **ISSN 2325-0399** (online)
100. Ajit Chaturvedi and Taruna Kumari (2017): Robust Bayesian analysis of generalized half logistic distribution. *Statistics, Optimization and Information Computing*, 5, 158-178. ISSN 2310-5070 (online) ISSN 2311-004X (print)
101. Ajit Chaturvedi and Shruti Nandchahal (2017): Shrinkage estimators of the reliability characteristics of generalized half logistic distribution. *International Journal of Linguistics and Computational Applications*, 1, 29-36. ISSN 2394-6393 (Online) ISSN 2394-6385 (Print)

ARTICLES IN THE EDITED BOOKS

1. Chaturvedi, A. and Tomer, S.K. (2003): Classical and Bayesian reliability estimation of the negative binomial distribution. **Focus on Applied Statistics**, Nova Science Publications, Inc., New York, Chapter 8, pp. 141-151 (M. Ahsanullah Editor). ISBN: 1-59033-911-8
2. Chaturvedi, A. and Sharma, V. (2008): Application of the Zero-Truncated Negative Binomial Distribution to the Reliability Theory and Related Bayesian Estimation Procedures. **Applied Statistics Research Progress**, Nova Science Publications, Inc., New York, Chapter 8, pp. 67-75 (M. Ahsanullah Editor). ISBN:978-1-60456-103-6
3. Chaturvedi, A. and Pandey, R. (2016): Estimation and Testing Procedures for the Reliability Function of a Family of Inverse Distributions. **Statistical and Mathematical Sciences and their Applications**, Narosa Publishing House Pvt. Ltd., New Delhi, Chapter 6, pp. 74-89 (Neeraj Tiwari Editor). ISBN 978-81-8487-520-I

Conference Presentations

- (i) Organized and Chaired a Session in "Sequential Analysis" at International Conference on "Statistics, Combinatorics and Related Areas" held at University of Lucknow during Dec. 27-29, 2004.
- (ii) Delivered three lectures on basic Statistics at "Summer School on Statistical Applications" jointly organized by College of Basic Sciences, Allahabad Agricultural Institute-Deemed University and Forum for Interdisciplinary Mathematics.
- (iii) Delivered four lectures at the Refresher Course in Statistics (2005) conducted by the Academic Staff College, Aligarh Muslim University and sponsored by the University Grants Commission.
- (iv) Visited Indian Institute of Technology, Kharagpur for 6 days from October 4-9, 2005 and delivered a talk.
- (v) Visited Indian Institute of Technology, Kanpur for 4 days from October 9-12, 2006 and delivered a talk.
- (vi) Presented invited paper at the International Indian Statistical Association Joint Statistical Meeting held in Cochin from Jan. 2, 2007-Jan. 5, 2007.
- (vii) Member of the organizing committee of national seminar on Emerging Trends in Statistical Methods and Optimization Techniques held at University of Jammu from February 22-23, 2008. Also chaired a session and presented the invited talk, "A family of inverse distributions and related estimation and testing procedures for the reliability function."
- (IX) Presented the invited talk, "Bayesian life test planning for a family of lifetime distributions: some approximate solutions" at the Second National Conference on Mathematical Techniques: Emerging Paradigms for Electronics and IT Industries, held at Deen Dayal Upadhyay College, University of Delhi from September 26-28, 2008. Also chaired a session.
 - (x) Presented the invited talk, "Uniformly minimum variance unbiased and maximum likelihood estimators of the reliability function of a family of lifetime distributions" at the International Conference on Development and Applications of Statistics in Emerging Areas of Science and Technology along with XXX Annual Convention of Indian Society for Probability and Statistics, held at University of Jammu from December 8-10, 2010. Also chaired a session.
 - (xi) Presented the invited talk, "Estimation and testing procedures for the reliability functions of a family of lifetime distributions" at the National Conference on Advances in Theoretical and Applied Statistics, held at Panjab University from February 12-13, 2015, Chandigarh. Also chaired a session.
 - (xii) Presented the invited talk, "Shrinkage Estimators of the Reliability Characteristics of a family of lifetime distributions" at the National Conference on Recent Trends and Developments in Statistics In Conjunction with First Convention of Indian Association for reliability and Statistics, held at M. D. University, Rohtak. Also chaired a session.
- (viii)

Public Service / University Service / Consulting Activity

- (i) Convener, Purchase Committee, Faculty of Mathematical Sciences Library, University of Delhi.
- (ii) Convener, Purchase Committee (UGC Grant), Department of Statistics, University of Delhi.

Professional Societies Memberships

Life-member, Indian Statistical association

Other Details

- (i) **(1) REFEREEING:** Refereed the papers for the journals Biometrics (UK), Journal of Applied Statistics (UK), Statistical Methodology (USA), Annals of Institute of Statistical Mathematics (Japan), Statistica Neerlandica (Netherland), Statistical Papers (Germany), Communications in Statistics (USA), Journal of Combinatorics, Information and System Sciences (USA), Soochow Journal of Mathematics (Taiwan), American Journal of Mathematical and Management Sciences (USA), Computational Statistics and Data Analysis (USA), Journal of Statistical Computation and Simulation (USA), Journal of Applied Statistical Science (USA), Journal of Applied Statistics (USA), Journal of Statistical Computation and Simulation (USA), Journal of Probability and Statistical Science (Taiwan), Calcutta Statistical Association Bulletin (India), Journal of Indian Statistical Association (India), Proceedings of the Fourth International Conference on Statistical Inference, Combinatorics and Related Areas (India), Proceedings of the Third Trinnual Conference of Calcutta Statistical Association (India), Journal of the Indian Society of Agricultural Statistics (India), Aligarh Journal of Statistics (India) and Statistics and Applications (India), ISI Platinum Jubilee Conference Proceeding (2007).

(2) CITATION TO RESEARCH WORK:

(a) Research Papers:

- (i) Communications in Statistics-Theory and Methods (1992)
- (ii) Sankhyā (1993)
- (iii) Journal of Sequential Analysis (1990)
- (iv) Statistics and Decisions (1990)
- (v) American Journal of Mathematical and Management Sciences (1995)
- (vi) Calcutta Statistical Association Bulletin (1998)
- (vii) Journal of Multivariate Analysis (1998)

(b) Books:

- (i) Handbook of Sequential Analysis (Edited by B.K. Ghosh and P.K. Sen). Marcel Dekker Inc., New York, 1991, p.256, 259, 264, 266.
- (ii) Ghosh, M., Mukhopadhyay, N. and Sen, P. K. (1997): Sequential Estimation. John Wiley and Sons Inc., p. 197.
- (iii) Seshadri,V. (1999): The Inverse Gaussian Distribution. Springer-Verlag, New York, p.73, 87, 89, 321,327.
- (iv) Kotz, S., Lumelski, Y. and Pensky, M. (2003): The Stress- Strength Model and Its Generalizations. World Scientific, p.236.
- (v) Mukhopadhyay, N. and de Silva, B. (2009): Sequential Methods and Their Applications. CRC Press (Taylor and Francis Group), p.188, 459, 473.

(3)ACADEMIC LEADERSHIP:

- (i) Prof. Rahul Gupta, Professor, Post-Graduate Department of Statistics, University of Jammu has been awarded Ph.D. degree under my supervision in 1994.

- (ii) Dr. Uma Rani, Lecturer, BSA College, Mathura has been awarded Ph.D. degree under my supervision in 1997.
- (iii) Dr. Pramila Chauhan has been awarded Ph.D. degree under my supervision in 1999.
- (iv) Prof. Surinder Kumar, Professor, Department of Mathematics and Statistics, B. R. Ambedkar University, Lucknow, has been awarded Ph.D. degree under my supervision in 2000.
- (v) Dr. Ajay Tyagi, University Grants Commission has been awarded Ph.D. degree under my supervision in 2001.
- (vi) Dr. Sanjeev Kumar, Associate Professor, Department of Statistics, Banaras Hindu University, Varanasi has been awarded Ph. D. degree under my supervision in 2001.
- (vii) Dr. Anil Kumar, Senior-Scale Scientist, IASRI, New Delhi has been awarded Ph. D. degree under my supervision in 2007.
- (viii) Dr. Vandana Sharma has been awarded Ph. D. degree under my supervision in 2010.
- (ix) Dr. Ravikant Bhatnagar, Indian Statistical Services has been awarded Ph. D. degree under my supervision in 2012.
- (x) Dr. Md. Wasi Alam, Scientist, Indian Agricultural Statistics Research Institute, New Delhi has been awarded Ph.D. degree under my supervision in 2013.
- (xi) Dr. Kuldeep Chauhan, Assistant Professor, Ram Lal Anand College, has been awarded Ph.D. degree under my supervision in 2013.
- (xii) Dr. Sudeepta Ghosh, Indian Statistical Services has been awarded Ph. D. degree under my supervision in 2014.
- (xiii) Dr. Uma Rani has been awarded M.Phil. degree under my supervision in 1994.
- (xiv) Mr. Bharat Bhushan has been awarded M.Phil. degree under my supervision in 1994.
- (xv) Dr. Anil Kumar has been awarded M.Phil. degree under my supervision in 1995.
- (xvi) Dr. Pramila Chauhan has been awarded M.Phil. degree under my supervision in 1995.
- (xvii) Ms. Pratibha Sharma has been awarded M.Phil. degree under my supervision in 1996.
- (xviii) Dr. Pradeep Chaudhary has been awarded M.Phil. degree under my supervision in 1997.
- (xix) Dr. Shiv Kumar has been awarded M.Phil. degree under my supervision in 1997.
- (xx) Dr. Sanjeev Kumar has been awarded M.Phil. degree under my supervision in 1998.
- (xxi) Mr. Mukesh Kumar has been awarded M.Phil. degree under my supervision in 1998.
- (xxii) Dr. Bharat Dhiman has been awarded M.Phil. degree under my supervision in 1999.
- (xxiii) Ms. Nidhi Tyagi has been awarded M.Phil. degree under my supervision in 2006.
- (xxiv) Ms. Kabita Talukdar has been awarded M.Phil. degree under my supervision in 2008.
- (xxv) Mr. Yogesh Chandra Bhatt has been awarded M.Phil. degree under my supervision in 2008.
- (xxvi) Ms. Shikha has been awarded M.Phil. degree under my supervision in 2010.
- (xxvii) Ms. Avneet Kaur has been awarded M.Phil. degree under my supervision in 2011.
- (xxviii) Mr. Kunal Kapoor has been awarded M.Phil. degree under my supervision in 2012.
- (xxix) Mr. Subodh Prakash Gaurav has been awarded M.Phil. degree under my supervision in 2012.
- (xxx) Ms. Richa Bhatia has been awarded M.Phil. degree under my supervision in 2012.
- (xxxi) Ms. Shruti Pandey has been awarded M.Phil. degree under my supervision in 2014.

(4) PROJECTS UNDERTAKEN:

Completed UGC sponsored major research project entitled, "Sequential Techniques to Deal with Some Problems in

(5)ACADEMIC RECOGNITION:

- (ii) Associate Editor of Journal of Probability and Statistical Science (Taiwan).
- (iii) Offered the position of Visiting Scientist for a period of one year at Indian Statistical Institute, Calcutta in 1991.
- (iv) Visited Indian Statistical Institute, Calcutta for a period of two weeks (from 26.8.95 to 9.9.95) and delivered two talks.
- (v) Visited Indian Statistical Institute, Delhi for a period of one month (from 1.6.96 to 30.6.96).
- (vi) Offered the position of Visiting Scientist for a period of one month at Indian Statistical Institute, Calcutta beginning from May 16, 1998.
- (vii) Member of Organizing Committee of First Conference of the Academy of Physical Sciences held at Guru Ghasidas University, Bilaspur during February 5-6, 1996.
- (viii) Visited Indian Institute of Management, Calcutta for ten days from December 10-19, 1998.
- (ix) Visited Indian Institute of Management, Calcutta for 10 days from October 15-24, 1999.
- (x) Assistant Secretary, Forum for Interdisciplinary Mathematics, New Delhi.
- (xi) Visited Indian Institute of Technology, Kharagpur for 6 days from October 4-9, 2005 and delivered a talk.
- (xii) Visited Indian Institute of Technology, Kanpur for 4 days from October 9-12, 2006 and delivered a talk.