

CURRICULUM VITAE

1. **NAME** : Professor (Dr.) AJIT CHATURVEDI
2. **MAILING ADDRESS** : Department of Statistics
University of Delhi
Delhi- 110007
INDIA
3. **DATE OF BIRTH** : 25th August, 1960
4. **NATIONALITY** : Indian
5. **FATHER'S NAME** : (Late) Mr. Yag Dutt Chaturvedi
6. **MOTHER'S NAME** : (Late) Mrs. Sarla Chaturvedi
7. **LANGUAGES KNOWN**: English and Hindi
8. **ACADEMIC QUALIFICATIONS**:

Degree	Year	Institution	Marks	Subjects
(i) Ph.D.	1989	Lucknow University	N.A.	Mathematical Statistics (Title: Asymptotic Theory of Sequential Estimation)
(ii) M.Sc.	1982	Lucknow University	72.5%	Mathematical Statistics
(iii) B.Sc.	1979	Lucknow University	67.4%	Physics, Mathematics and Statistics
(iv) Intermediate	1977	U.P. Board	60%	Hindi, English, Mathematics, Physics and Chemistry
(v) High-School	1975	U.P. Board	58.8%	Hindi, English, Mathematics, Science and Biology

9. POSITIONS HELD AND PLACE OF WORK:

- (i) 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).
- (ii) Senior Research Fellowship of CSIR in 1986 (Lucknow University).
- (iii) Research Associate of CSIR in 1988 (Indian Institute of Technology, Kanpur).
- (iv) Lecturer:
(a) Post-Graduate Department of Statistics, University of Jammu from October 11, 1988 to June 21, 1993.
(b) Post-Graduate Department of Statistics, Ch.Charan Singh University, Meerut from June 22, 1993 to January 17, 2000.
- (v) Associate Professor:
(a) Post-Graduate Department of Statistics, Allahabad University from January 18, 2000 to January 29, 2002.
- (vi) Post-Graduate Department of Statistics, University of Delhi from January 30, 2002 to December 29, 2008.
- (vii) Professor:

Post-Graduate Department of Statistics, University of Delhi from December 30, 2008 till date.

10. AWARDS AND HONOURS:

- (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 77th Session (1990) of the Indian Science Congress held at Cochin.

11. ACADEMIC RECOGNITION:

- (i) Associate Editor of Journal of Probability and Statistical Science (Taiwan).
- (ii) Refereed the papers for the journals Biometrics (UK), Journal of Applied Statistics (UK), Statistical Methodology (USA), Annals of Institute of Statistical Mathematics (Japan), Statistics and Probability Letters (USA), 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), Statistics and Probability Letters (USA), Journal of Probability and Statistical Science (Taiwan), Statistics in Transition (Poland), 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).
- (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) Presented the talk, "Statistics: Some Misconceptions" under the invited talks at the First Annual Conference of Jammu Mathematical Society, held in 1991.

- (viii) Presented paper entitled, "A class of sequential procedures for estimating the parameter(s) of a population" under invited talks at the Second Biennial Conference of Allahabad Mathematical Society, held in 1990.
- (ix) Delivered six lectures at the First Refresher Course in Statistics (1992) conducted by the Academic Staff College, Allahabad University and sponsored by the University Grants Commission.
- (x) Life member of the Jammu Mathematical Society.
- (xi) Life member of the Indian Statistical Association.
- (xii) Presented the invited talk "Sequential interval estimation of the reliability function of negative exponential distribution" at III International Symposium on Optimization and Statistics at the Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh during December 19-21, 1995.
- (xiii) Chaired a Session at III International Symposium on Optimization and Statistics at the Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh during December 19-21, 1995.
- (xiv) Member of Organizing Committee of First Conference of the Academy of Physical Sciences held at Guru Ghasidas University, Bilaspur during February 5-6, 1996.
- (xv) Presented paper entitled, "Lagrange's Identity Reveals Correlation and Straight-line Connection" under the invited talks at the 6th Annual Conference of the Jammu Mathematical Society held at Jammu University, Jammu during February 16-18, 1996.
- (xvi) Presented the invited talk, "Linking the estimation and ranking selection problems through sequential procedures: the normal case" at International Conference on Statistical Inference, Combinatorics and Related Areas held at Banaras Hindu University from December 18-21, 1997.
- (xvii) Visited Indian Institute of Management, Calcutta for ten days from December 10-19, 1998.
- (xviii) Delivered invited talk "Robustness of the sequential procedures for a family of life-testing models" at International Conference on Statistical Inference, Combinatorics and Related Areas held at the University of Mysore from Dec. 28-30, 1998.
- (xix) Chaired a Session at International Conference on Statistical Inference, Combinatorics and Related Areas held at the University of Mysore from Dec. 28-30, 1998.
- (xx) Visited Indian Institute of Management, Calcutta for 10 days from October 15-24, 1999.
- (xxi) Presented invited talk "Sequential Point Estimation Procedures for the Generalized Life Distributions" at the International Conference on "Statistics, Combinatorics and Related Areas" held at University of South Alabama, USA from December 18-20, 1999.
- (xxii) Invited speaker at the International Indian Statistical Association Joint Statistical Meeting held in Delhi from Dec. 30, 2000 – Jan. 3, 2001.
- (xxiii) Offered to organize a Symposium in International Conference on "Statistics, Combinatorics and Related Areas" held at I.I.T. Bombay during Dec. 19-21, 2000.
- (xxiv) Assistant Secretary, Forum for Interdisciplinary Mathematics, New Delhi.

- (xxv) Offered to organize a Session in “Sequential Analysis” at International Conference on “Statistics, Combinatorics and Related Areas” held at University of Wollongong, Australia during Dec. 19-21, 2001.
- (xxvi) Organized and Chaired a Session in “Sequential Analysis” at International Conference on “Statistics, Combinatorics and Related Areas” held at University of Allahabad during Dec. 21-23, 2002.
- (xxvii) 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.
- (xxviii) 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.
- (xxix) 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.
- (xxx) Visited Indian Institute of Technology, Kharagpur for 6 days from October 4-9, 2005 and delivered a talk.
- (xxxi) Visited Indian Institute of Technology, Kanpur for 4 days from October 9-12, 2006 and delivered a talk.
- (xxxii) Presented invited paper at the International Indian Statistical Association Joint Statistical Meeting held in Cochin from Jan. 2, 2007-Jan. 5, 2007.
- (xxxiii) 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.”
- (xxxiv) 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.
- (xxxv) Offered to organize a Session on “Reliability Theory” at The International Indian Statistical Association Joint Meeting to be held in Visakhapatnam during January 4-7, 2010.
- (xxxvi) 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.
- (xxxvii) 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.

- (xxxviii) 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.

12. 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, Principal 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, Senior 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. Sudepta Ghosh, Indian Statistical Services has been awarded Ph. D. degree under my supervision in 2014.
- (xiii) Dr. Anupam Pathak, Assistant Professor, Ramjas College, has been awarded Ph.D. degree under my supervision in 2017.
- (xiv) Dr. Uma Rani has been awarded M.Phil. degree under my supervision in 1994.
- (xv) Mr. Bharat Bhushan has been awarded M.Phil. degree under my supervision in 1994.
- (xvi) Dr. Anil Kumar has been awarded M.Phil. degree under my supervision in 1995.
- (xvii) Dr. Pramila Chauhan has been awarded M.Phil. degree under my supervision in 1995.
- (xviii) Ms. Pratibha Sharma has been awarded M.Phil. degree under my supervision in 1996.

- (xix) Dr. Pradeep Chaudhary has been awarded M.Phil. degree under my supervision in 1997.
- (xx) Dr. Shiv Kumar has been awarded M.Phil. degree under my supervision in 1997.
- (xxi) Dr. Sanjeev Kumar has been awarded M.Phil. degree under my supervision in 1998.
- (xxii) Mr. Mukesh Kumar has been awarded M.Phil. degree under my supervision in 1998.
- (xxiii) Dr. Bharat Dhiman has been awarded M.Phil. degree under my supervision in 1999.
- (xxiv) Ms. Nidhi Tyagi has been awarded M.Phil. degree under my supervision in 2006.
- (xxv) Ms. Kabita Talukdar has been awarded M.Phil. degree under my supervision in 2008.
- (xxvi) Mr. Yogesh Chandra Bhatt has been awarded M.Phil. degree under my supervision in 2008.
- (xxvii) Ms. Shikha has been awarded M.Phil. degree under my supervision in 2010.
- (xxviii) Ms. Avneet Kaur has been awarded M.Phil. degree under my supervision in 2011.
- (xxix) Mr. Kunal Kapoor has been awarded M.Phil. degree under my supervision in 2012.
- (xxx) Mr. Subodh Prakash Gaurav has been awarded M.Phil. degree under my supervision in 2012.
- (xxxi) Ms. Richa Bhatia has been awarded M.Phil. degree under my supervision in 2012.
- (xxxii) Ms. Shruti Pandey has been awarded M.Phil. degree under my supervision in 2014.
- (xxxiii) Ms. Roopal Joyti Singh has been awarded M.Phil. degree under my supervision in 2014.
- (xxxiv) Ms. Anusuya has been awarded M.Phil. degree under my supervision in 2014.

13. RESEARCH COLLABORATION: Students and faculty members from the following institutions have done collaborative work with me:

Lucknow University, Jammu University, IIT Kharagpur, Meerut University, Allahabad University, Kumaon University, IIM Calcutta, Hokkaido University, Japan Yeungnam University, Korea and University of Connecticut, Storrs, USA.

14. CONFERENCES ATTENDED:

- (i) Presented paper entitled, "On sequential procedure to select the largest normal mean" at the 77th Session (1990) of the Indian Science Congress held at Cochin.

15. RESEARCH PUBLICATIONS:

Papers published and accepted: More than hundred papers.
(The list of research papers is appended at the end)

16. 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)
- (viii) International Journal of System Assurance Engineering and Management

(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.

17. PROJECTS UNDERTAKEN:

- (i) Completed UGC sponsored major research project entitled, "Sequential Techniques to Deal with Some Problems in Reliability/Survival Analysis".

18. ADMINISTRATIVE RESPONSIBILITIES:

Hostel Warden of Dr. R.K. Singh Boys Hostel, CCS University, Meerut from January 12, 1999 to January 15, 2000.

LIST OF RESEARCH PUBLICATIONS OF Dr. AJIT CHATURVEDI

1. Ajit Chaturvedi (1985): Sequential estimation of an inverse Gaussian parameter with prescribed proportional closeness. *Calcutta Statistical Association Bulletin*, 34, 215-219. ISSN: 0008-0683
2. Ajit Chaturvedi (1985): On the multivariate analogue of sequential simultaneous estimation problem. *Journal of the Indian Society of Agricultural Statistics*, 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. *Journal of the Indian Society of Agricultural Statistics*, 38, 395-402. ISSN:0019-6363
4. Ajit Chaturvedi (1986): Further remarks on sequential point estimation of the mean of a multinormal population. *Journal of Sequential Analysis*, 5(3), 263-275. ISSN:0747-4946
5. Ajit Chaturvedi (1986): Sequential estimation of the difference of two multinormal means. *Sankhya*, A48, 331-338. ISSN: 0976-836X
6. Ajit Chaturvedi (1986): Addendum to sequential estimation of an inverse Gaussian parameter with prescribed proportional closeness. *Calcutta Statistical Association Bulletin*, 35, 211-212. ISSN:0008-0683
7. Ajit Chaturvedi (1987): Sequential point estimation of the mean of a log-normal population. *Journal of Statistical Research*, 21, 21-27. ISSN:0256-422X

8. Ajit Chaturvedi (1987): Sequential estimation of the difference of two bivariate normal means. *Journal of the Indian Statistical Association*, 25, 1-11. ISSN: 0537-2585
9. Ajit Chaturvedi (1987): Sequential point estimation of regression parameters in a linear model. *Annals of the Institute of Statistical Mathematics*, A39, 55-67. ISSN:0020-3157
10. Ajit Chaturvedi (1988): Sequential confidence region estimation of a function of the parameters. *Journal of Statistical Research*, 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*, 11(2), 129-140. 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. DOI:10.1007/s13198-016-0531-2. 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*. DOI: 10.1080/03610926.2016.1267765
 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)
102. Ajit Chaturvedi and Narendra Kumar (2017): Estimation and testing procedures for the reliability functions of the Moore and Bilikam family of lifetime distributions under progressive type II right censoring. *Journal of Combinatorics, Information & System Science*, 42 (1-2), 1-30. ISSN: 0250-9628 e-ISSN: 0976-3473
103. Ajit Chaturvedi and Shantanu Vyas (2017): Estimation and testing procedures for the reliability functions of three parameter Burr distribution under censorings. *Statistica*. Accepted for Publication. ISSN: 1973-2201.
104. Ajit Chaturvedi and Taruna Kumari (2018): Estimation and comparison of the stress-strength models with more than two states under Weibull distribution and Type II censoring scheme. *Communications in Statistics-Theory and Methods*. DOI:10.1080/03610926.2017.1414264
105. Nitis Mukhopadhyay, Ajit Chaturvedi and Ananya Malhotra (2018): Two-stage procedures for the bounded risk point estimation of the parameter and hazard rate in two families of distributions. *Journal of Sequential Analysis*, 37 (1), 69-89. <https://doi.org/10.1080/07474946.2018.1427978>
106. Ajit Chaturvedi and Ananya Malhotra (2018): On the construction of preliminary test estimators of the reliability characteristics for the exponential distribution based on records. *American Journal of Mathematical and Management Sciences*. DOI:10.1080/01966324.2017.1392269
107. Ajit Chaturvedi and Taruna Kumari (2018): Robust Bayesian analysis of generalized inverted family of distributions. *Communications in Statistics-Simulation and Computation*, <https://doi.org/10.1080/03610918.2018.1438619>. ISSN: 0361-0918 (Print) 1532-4141
108. Ajit Chaturvedi, Reza Arabi Belaghi and Ananya Malhotra (2018): Preliminary test estimators of the reliability characteristics for the three parameters Burr XII distribution based on records. *International Journal of System Assurance Engineering and Management*. <https://doi.org/10.1007/s13198-018-0710-4>. ISSN: 0976-4348

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