

CURRICULUM VITAE

BHUPENDRA SINGH

Professor, Department of Statistics, C.C.S.University, Meerut, India.

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ACADEMICS

- Ph.D. in Statistics, Chaudhary Charan Singh University, Meerut, 2000
- **Thesis Title:** “Inferential Statistics on Survival Analysis”
Thesis Advisor: Prof. K.K.Sharma
- M.Phil. in Statistics, Chaudhary Charan Singh University, Meerut, 1994
Dissertation Title: “*Inferential Statistics on Survival Analysis*”
Dissertation Advisor: Prof. K.K.Sharma
Modules Covered: Reliability & Survival Analysis
- M.Sc.. in Statistics, Chaudhary Charan Singh University, Meerut, 1993
- **Modules Covered:** Inferential Statistics, Multivariate Analysis, Design of Experiments, Sampling Theory, Probability Theory, Operations Research, Quality control, Bayesian Statistics, Statistical Distributions, Time Series, Demography, and Index Number.
- B.Sc. with *Statistics, Mathematics and Physics*, D.N. College, C.C.S. University, Meerut, 1991.

WORK EXPERIENCE

July 2001- Present

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- Professor, Department of Statistics, C.C.S. University, Meerut, July 06, 2016-Present.
 - Associate Professor, Department of Statistics, C.C.S. University, Meerut, July 06, 2013-July 05, 2016.

- Assistant Professor, Department of Statistics, C.C.S. University, Meerut, Nov.01, 2002-July 05, 2013.
- Assistant Professor, Department of Statistics, Meerut College, Meerut, July 06, 2001-Nov 01, 2002.
- Senior Research Fellow (CSIR), Department of Statistics, C.C.S. University, Meerut. April 1997-March 2001.

RESEARCH EXPERIENCE

July 1995- Present

RESEARCH INTERESTS / SPECIALIZATIONS

- *Reliability/Survival Analysis,*
- *Statistical Quality Control*
- *Classical and Bayesian Inferences*
- *Sequential Analysis*
- *Applied Statistics*

PROFESSIONAL OVERVIEW

Achievements in Research:

- Ph.D. Supervised: **04**
- Ph.D. under Supervision: **03**
- M. Phil. Projects Supervised: **48**
- Research Papers Published in Journals: **38**
- Research Papers Published in Conference Proceedings: **06**
- Research Papers in Communication: **05**
- Book Chapter: **01**
- Conference Presentation: **19**
- Conference Attended: **22**

Professional Memberships:

- The Indian Science Congress Association
- International Indian Statistical Association (IISA)
- Indian Society for Probability and Statistics (ISPS)

Other Academic Activities:

- Attended Orientation course at Aligarh Muslim University, Aligarh during Feb.10, 2004-March 10, 2004.

- Attended Refresher course in IT Awareness (Multi-disciplinary) at Himachal Pradesh University, Shimla during Sept.10, 2007-Sept. 29, 2007.
- Attended Refresher course in Research Methodology in Basic Science (Multi-disciplinary) at Aligarh University, Aligarh during Jan. 20, 2010-Feb. 10, 2010.
- Participated in the International Seminar on Envisioning Quality: Academic Professionalization in Higher Education Based on Indo-British Experiences, Feb 06-07, 2010, Organized by UGC Academic Staff College, AMU, Aligarh.
- Attended Workshop on Modern Tools in Applied Statistics during Dec. 04-07, 2010, organized by Department of Statistics, University of Jammu, Jammu.
- Conducted a Technical Session on “Research Methodology in Management” for Faculty Development Programme organized by Vidya Centre for Research & Development, Meerut (Feb 05, 2011).
- Attended Refresher Course in I.C.T. (Inter-Disciplinary) (RC-290) at Himachal Pradesh University, Shimla during July 06, 2015-July 25, 2015.
- Attended One week Training programme on "Official Statistics" during 22nd - 26th February, 2016 at NSSTA, Greater Noida.

Courses Design:

- Designed and developed new course of “Advanced Bayesian Statistics” for M.Phil Statistics.
- Designed and developed a new course of “Computer Oriented Statistical Methods” based on R-software for M.Sc Statistics.

Paper Review:

- Refereed two papers for IEEE Transactions on Reliability, an international journal.
- Refereed a paper for IIE Transactions, an international journal.
- Refereed four papers for Journal of Statistical Computation and Simulation (JSCS), an international journal.
- Refereed a paper for International Journal of Systems Assurance Engineering and Management (IJSAEM), an international journal.
- Refereed a paper for African Journal of Mathematics and Computer Science Research (AJMCSR), an international journal.
- Refereed a paper for International Journal of Agricultural Statistics and Science (IJASS).
- Refereed four papers for Journal of Reliability and Statistical Studies (JRSS).

Administrative Experience

Worked in the following capacities:

- An Inspector for B. Ed. Entrance Test-2006.
- An Assistant Coordinator of Evaluation of answer books of Professional Courses-2008.
- An Assistant Coordinator of Evaluation of B.P.Ed., B.Ed. and B.Tech courses-2008.
- An Observer of the campus entrance test-2009
- A Member of the Anti Raging Committee.
- An Assistant Coordinator of the Unfair Means Committee-2010.
- An Observer of the campus entrance test-2010
- A member of the Equal Opportunity Cell-2010.
- An observer to the Research Eligibility Test (R. E. T.)-2010.
- Member, Board of Studies, M.Sc. (Statistics), C. C. S. University, Meerut (From 2010 till date).
- Member, Board of Studies, B.Sc. (Statistics), C. C. S. University, Meerut (From 2010 till date).
- Assistant Coordinator to Campus Entrance Test-2011.
- Assistant Superintendent to Centralized Campus Semester Examination- Jan. 2011.
- Assistant Superintendent to Centralized Campus Semester Examination- May 2011.
- Assistant Superintendent to self-finance courses Examination- June 2011.
- Assistant Controller to open the packets and preparing list of unfair means (UFM) cases of the Regular/Private main examinations 2011.
- Assistant Coordinator for the Tabulation, Collection and Declaration of the results of Professional Courses of odd semester for the session 2010-2011.
- Assistant Superintendent to Centralized Campus Semester Examination-2012.
- Assistant Coordinator to Campus Entrance Test-2012.
- Assistant Controller to evaluate answers books of B. Ed. Back paper exam.-2013.
- Assistant Controller to evaluate answers books with random sampling of the main exam.-2013.
- A Member of the Office Management Committee for the smooth conduct of the Convocation-2013.
- Assistant Dean Students Welfare from August 2013 to March 2018.
- Incharge of making Time-Table for M. Sc. And M. Phil classes of Statistics department.
- Member of the CCS University, Meerut Executive Council from 2015.
- Proctor from April 2018 to Oct. 2018.
- Coordinator, University Entrance Test-2018.

- Coordinator, University Entrance Test-2019.
- Deputy Coordinator, Pre-Ph. D. Answer Books Evaluation-2019.

ACADEMIC FELLOWSHIPS AND HONORS

- M.Phil. Merit scholarship of Meerut University, Meerut during 1993-94.
- Qualified UGC-CSIR National Eligibility Test for Lecturer-ship & Junior Research Fellowship in Dec. 1996.
- UGC-JRF during 03-02-1997 to 31-03-1997.
- CSIR-SRF during 01-04-1997 to 31-03-2001.
- CSIR-RA-ship awarded in March 2001

PUBLICATIONS

RESEARCH PAPERS IN JOURNALS

1. Discrete additive Perks–Weibull distribution: properties and applications, *Life Cycle Reliability and Safety Engineering*, <https://doi.org/10.1007/s41872-019-00078-z>, Abhishek Tyagi, Neha Choudhary and **Bhupendra Singh**.
2. MCMC estimation of Multi-Component Load-Sharing System Model and its application, *Iranian Journal of Science and Technology, Transactions A: Science*, April 2019, Volume 43, [Issue 2](#), pp 567–577, **Bhupendra Singh** and Reetu Goel.
3. Classical and Bayesian analysis of a two identical unit standby system with fault detection, minor and major repairs under geometric distributions, *Int. J. Agricult. Stat. Sci.* Vol. 14, No. 2, pp. 791-801, 2018, Rakesh Gupta, Alka Chaudhary, Suman Jaiswal and **Bhupendra Singh**.
4. Reliability Estimation of Modified Weibull Distribution with Type-II Hybrid Censored data, *Iranian Journal of Science and Technology, Transactions A: Science*, September 2018, Volume 42, [Issue 3](#), pp 1395–1407, **Bhupendra Singh** and Reetu Goel. **(Impact Factor=0.217)**.
5. The Exponentiated Perks Distribution, *International Journal of Systems Assurance Engineering and Management*, June 2017, Volume 8, [Issue 2](#), pp 468–478, **Bhupendra Singh** and Neha Choudhary.
6. An Additive Perks-Weibull Model with Bathtub-Shaped Hazard Rate Function, *Communications in Mathematics and Statistics*, 4:473–493, 2016, **Bhupendra Singh**.
7. Designing of CUSUM chart with transformed Rayleigh distributed data, *International Journal of Quality Engineering and Technology*, Vol. 6, Nos. 1/2, 2016, Dushyant Tyagi and **Bhupendra Singh**.

8. Statistical Analysis of Indian *Thaparocleidus* (Monogenea: Dactylogyridae) Species based on Morphometric Characteristics, *International Journal of Science and Research (IJSR)*, Volume 5 Issue 7, pp. 1251-1257, (2016), Anshu Chaudhary, Sudhir Kumar, **Bhupendra Singh**, Hridaya Shanker Singh.
9. The Beta Inverted exponential Distribution: Properties and Applications, *International Journal of Applied Science and Mathematics*, Volume 2, Issue 5, (2015): pp. 2394-2894, **Bhupendra Singh** and Reetu Goel.
10. Inferences on the Mixture Model with Type-II Hybrid Censored Data, Special Issue on Reliability and Dependability Modelling Analysis for Complex Systems, *Mathematics in Engineering Science and Aerospace (MESA)*, Vol 6, No 2: pp. 309-317 (2015) **Bhupendra Singh** and Sachin Tomer.
11. Bayesian reliability estimation of a 1-out-of-k load-sharing system model, *International Journal of Systems Assurance Engineering and Management*, (Oct-Dec 2014) 5(4):562–576, **Bhupendra Singh** and Puneet Kumar Gupta.
12. Inferences on the Competing Risk Model, *Journal of Statistics Applications and Probability*, Vol. 3, No. 3, 433-449 (2014), **Bhupendra Singh** and Sachin Tomer.
13. Parameter Estimation of Power Lindley Distribution under Hybrid Censoring, *Journal of Statistics Applications and Probability Letters*, Vol. 1, No. 3, pp. 95-104, 2014, **Bhupendra Singh**, Puneet Kumar Gupta and Vikas Kumar Sharma.
14. On Type-II Hybrid Censored Lindley Distribution, *Statistics Research Letters*, Vol. 3, Issue 2, pp. 58-52, 2014, **Bhupendra Singh**, Puneet Kumar Gupta and Vikas Kumar Sharma.
15. Robust analysis of a normal lifetime model in view of prior variations, *International Journal of Agricultural Statistics and Science*, Vol. 9, No. 2, pp. 449-456, 2013, Surendra Kumar, K. K. Sharma and **Bhupendra Singh**.
16. Acceptance Sampling Plan Based on Truncated Life Tests for Compound Rayleigh Distribution, *Journal of Reliability and Statistical Studies*, Vol. 6, Issue 2, (2013): pp. 01-15, **Bhupendra Singh**, K. K. Sharma and Dushyant Tyagi.
17. Parameter Estimation of Lindley Distribution with Hybrid Censored data, *International Journal of Systems Assurance Engineering and Management*, 4(4), (2013):378-385, Puneet Kumar Gupta and **Bhupendra Singh**.
18. Inferential Statistics on the Dynamic System Model with Time-Dependent Failure-Rate, *Journal of Statistical Computation and Simulation*, Vol. 83 (1), pp: 01-24, (2013), **Bhupendra Singh**, Shubhi Rathi and Sachin Kumar. (**Impact Factor-.778**)

19. A Double Acceptance Sampling Plan on Truncated Life Tests for Generalized Rayleigh Distribution with known shape parameter, *International Journal of Essential Science*, Vol. 6, No. 1 & 2 (2012): 45-55. **Bhupendra Singh**, K. K. Sharma and Dushyant Tyagi.
20. Analyzing Competing Risks Model with Discrete Failure-Time Distribution, *International Journal of Agricultural Statistics and Science*, 8 (1) (2012):15-24, **Bhupendra Singh** and Gajraj Singh (**NAAS Rating 6.2**).
21. Load-sharing system model and its application to the real data set, *Mathematics and Computers in Simulation*, 82 (2012):1615-1629, **Bhupendra Singh** and Puneet Kumar Gupta. (**Impact Factor-1.218**)
22. A Generalized log-normal distribution and its goodness of fit to censored data, *Computational Statistics (2012)*, 27: 51-67, **Bhupendra Singh**, K. K. Sharma, Shubhi Rathi and Gajraj Singh. (**Impact Factor-0.434**)
23. Classical and Bayesian Stochastic Analysis of an Industrial System, IAPQR Transaction, 36 (2) 2011, Rakesh Gupta, Punam Phartiyal and **Bhupendra Singh**.
24. Inferential Analysis of the Re-modeled Stress-Strength System Reliability with Application to the Real Data, *Journal of Reliability and Statistical Studies*, 4 (2) 2011: 1-23, **Bhupendra Singh**, Shubhi Rathi, S. and Gajraj Singh.
25. Classical static system reliability and adjusted static system reliability with prior and posterior variations, *Journal of Reliability and Statistical Studies*, Vol. 3 (1), pp: 63-73, (2010), K. K. Sharma, Surendra Kumar and **Bhupendra Singh**.
26. Inferences on the systems with guaranteed strength subjected to some at-least stress, *The Aligarh Journal of Statistics*, Vol. 30, pp: 23-38, (2010), K. K. Sharma, **Bhupendra Singh** and Shubhi Rathi.
27. Analyzing the Dynamic System Model with Discrete Failure Time Distribution, *Statistical Methods and Applications (2009)*, Vol. 18, Issue 4, page 521-542, **Bhupendra Singh**, K. K. Sharma, K. K. and Anuj Kumar. (**Impact Factor-0.574**)
28. Sensitivity Analysis of Sequential Normal Testing Procedure, *Journal for Statistics and Applications*, Vol. 4 No. 1, pp: 45-57 (2009), K. K. Sharma, **Bhupendra Singh** and Jaideep Goel.
29. A Classical and Bayesian Estimation of a k-components load-sharing parallel system, *Computational Statistics and Data Analysis*, Vol. 52, Issue 12, pp. 5175-5185 (2008), **Bhupendra Singh**, K. K. Sharma and Anuj Kumar (**Impact Factor-1.693**).
30. Analysing the remodelled stress-strength reliability $P[X>Y]$, *Int. J. Agricult. Stat. Sci. (2007)*, Vol.3, No.1, pp.219-230, **Bhupendra Singh**, Sumit Rastogi and Anuj Kumar (**NAAS Rating 6.2**).

31. Classical and Bayesian reliability test plan, Reflections des ERA, vol.1, Issue 1, (2006), pp. 35-46, K. K. Sharma, **Bhupendra Singh** and Sumit Rastogi.
32. Optimizing $P[X>Y]$ in respect of $\text{Min}(X)$ and $\text{Min}(Y)$, Reflections des ERA, vol.1, Issue 3, (2006), pp. 227-244, K. K. Sharma, **Bhupendra Singh**, Namita and Sumit Rastogi.
33. Bayesian Analysis of $P[Y<X]$ in its limiting form, *Journal of Statistical Research*(2006), Vol. 40, No. 2, pp 29-39xx, K. K. Sharma, **Bhupendra Singh** and Shubhi Rathi.
34. On the robustness of the reliability characteristics of a discrete lifetime model in view of prior variations, *Indian Association of Productivity, Quality and Reliability Transactions*(2005), 30(1), pp. 53-63, K. K. Sharma, **Bhupendra Singh** and Shubhi Rathi.
35. Robustness of the sequential life-testing procedures when the prior is mis-specified, Bulletin of Pure and Applied Sciences (2003), Vol.22 E, No.2, 297-306, K. K. Sharma, **Bhupendra Singh** and Shubhi Rathi.
36. Bayesian reliability analysis of a single strength and n-stress component model, *Aligarh Journal of Statistics* (2000), 20, 29-38, S. Rehman, Kamal Ullah and **Bhupendra Singh**.
37. Bayesian estimation of mixture of hazard-rate model, *Reliability Engineering and system Safety*(1997), 55, 9-13, K. K. Sharma, Hare Krishna and **Bhupendra Singh**. (**Impact Factor-3.153**).
38. Distribution free inference on system reliability, *Journal of Quality in Maintenance Engineering* (1997), Vol.3, No.3, 209-215, K. K. Sharma and **Bhupendra Singh**.

RESEARCH PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

1. Inferences on $P[Y<X]$ for a two-parameter bathtub-shaped lifetime distribution, Proceedings of the “VII International Symposium on Optimization and Statistics (ISOS-2012) and II National Conference on Statistical Inference, Sampling Techniques and Related Areas”, hosted by Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh, December 21-23, 2012, pp: 137-154, **Bhupendra Singh** and Puneet Kumar Gupta.
2. Inferential Study of Load-Sharing System Model, “Proceedings of the National Conference on “Emerging Applications of Bayesian Statistics and Stochastic Modelling” hosted by DST-CIMS, Banaras Hindu University, December 9-10, 2011, pp: 13-24, **Bhupendra Singh**, Puneet Kumar Gupta and Sachin Kumar.
3. Analysing reliability bounds, using continuous and discrete distributions with prior variations, “Proceedings of the National Conference on “Emerging Applications of Bayesian Statistics and

Stochastic Modelling” hosted by DST-CIMS, Banaras Hindu University, December 9-10, 2011, pp: 36-46. Surendra Kumar, K. K. Sharma and **Bhupendra Singh**.

4. Estimation of the Parameters of the Load-Sharing Parallel System Model, *Collection of Recent Statistical Methods and Applications (2013)*, “Proceedings of the National Conference on “Statistics for Twenty-First Century (NCSTC)” hosted by Department of Statistics, University of Kerala, March 17-19, (2011), pp: 221-243. **Bhupendra Singh**, K. K. Sharma and Sumit Rastogi.
5. Analysis of \bar{X} and R charts when standards vary randomly, *Statistical Techniques in Life Testing, Sampling Theory and Quality Control (2007)*, Narosa Publication Pub, K. K. Sharma, **Bhupendra Singh** and Jaideep Goel.
6. Bayes test plan for testing a series configuration, *The proceedings of 5th International symposium on optimization and statistics* held in Aligarh Muslim University during Dec. 28-30 (2002), pp.72-81, K. K. Sharma and **Bhupendra Singh**.

RESEARCH PAPERS UNDER REVIEW FOR JOURNAL PUBLICATIONS

1. A Change-Point Hazard Rate Model and its Goodness of Fit, *International Journal of Systems Assurance Engineering and Management*, **Bhupendra Singh**, Shubhi Rathi, Gajraj Singh and Puneet Kumar Gupta.
2. Discrete Perks Distribution: Properties and Parameter Estimation, *Computational Statistics*, Abhishek Tyagi, Neha Choudhary and **Bhupendra Singh**.
3. Estimation of $P(Y < X)$ for Modified Weibull Distribution under Progressive Type II Censoring, *Life Cycle Reliability and Safety Engineering*, Reetu Goel and **Bhupendra Singh**.
4. A New Extended Modified Weibull Distribution: Properties and Applications, *Journal of the Egyptian Mathematical Society*, Neha Choudhary, Abhishek Tyagi and **Bhupendra Singh**.
5. Analysing Load-Sharing System Model with Type-I and Type-II Failure Censored Data from Weibull Distribution, *Journal of Statistics and Management Systems*, Neha Choudhary, Abhishek Tyagi and **Bhupendra Singh**.

BOOK CHAPTER

1. Classical and Bayesian Estimation Using Type-II Hybrid Censored data from Perks Distribution, *Mathematical Modeling, Optimization and Information Technology*, LAMBERT Academic Publishers, ISBN-978-3-659-71422-1, pp. 493-510, (2015).

CONFERENCE PRESENTATION

1. On the dynamic system model with discrete failure time distribution, 2nd international conference of Vijnana Parishad of India on “Recent Trends of Computing in Mathematics, Statistics and Information Technologies” hosted by Department of Mathematical Sciences & Computer Applications, Bundelkhand University, Jhansi during March 09-11, 2018.
2. Bayesian Estimation of Extended Perks Distribution, National Seminar on Recent Development in Science and Technology hosted by Department of Chemistry, Meerut College Meerut, on Feb. 17, 2017.
3. On the application of load-sharing system model with Lindley distribution, National Conference on Recent Statistical Computing Techniques and their Applications (RSCTA-2016), Department of Statistics and Computer Science, Ramanujan College, University of Delhi, during March 11-12, 2016.
4. Bayesian reliability estimation of a dynamic system model, XVIII Annual National Conference of SSCA 2016, organized by Department of Statistics, University of Jammu, Jammu, during Feb. 18-20, 2016.
5. Parameter Estimation of Perks Distribution with Hybrid Censored Data, International Conference on Innovative Approaches in Applied Sciences and Technologies (iCiAsT- 2016), organized by Kasetsart University, Bangkok, Thailand, during Feb. 01-05, 2016.
6. Estimation of Location of Change in Hazard Rate Model: An MCMC Approach, “International Conference on Statistics and Related Areas for Equity, Sustainability and Development (SRAESD-2015) in Conjunction with XXXV Annual Convention of Indian Society for Probability and Statistics (ISPS-2015)” Organized by Department of Statistics, University of Lucknow, Lucknow, during Nov. 28-30, 2015.
7. MCMC Estimation of Load-Sharing System Model, “2nd International Conference on Science, Technology and Management (ICSTM-15)”, Delhi University, Conference Centre, New Delhi, Sept. 27, 2015.
8. A New Bathtub-Shaped Hazard Rate Model, “National Conference on Recent Trends and Developments in Statistics (NCR TDS-2015)”, hosted by Department of Statistics, M.D. University, Rohtak during Feb. 21-23, 2015.
9. The Exponentiated Perks distribution with application to real data, “National Conference on Recent Advances in Statistical and Mathematical Sciences and their Applications” hosted by Department of Statistics, Kumaun University, S.S.J. Campus, Almora, Oct. 04-06, 2014.

10. Parameter estimation of the hybrid censored Lindley distribution, "*IV National Conference on Statistical Inference, Sampling Techniques and Related Areas*" hosted by Department of Statistics & Operations Research, Aligarh Muslim University, Aligarh, Feb. 18-19, 2014.
11. Inferences on $P[Y < X]$ for a two-parameter bathtub-shaped lifetime distribution, "*VII International Symposium on Optimization and Statistics (ISOS-2012) and II National Conference on Statistical Inference, Sampling Techniques and Related Areas*", hosted by Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh, December 21-23, 2012.
12. A Competing-Risks Model and its Goodness of Fit to Real Data Set, "National Conference on Bayesian Statistics and Emerging Applications (BSEA)" hosted by DST-CIMS, B.H.U., Varanasi, India, December 09-10, 2011.
13. Estimation of the parameters of the load-sharing parallel system model, National Conference on "Statistics for Twenty-First Century (NCSTC)" hosted by Department of Statistics, University of Kerala, March 17-19, 2011.
14. Bayesian Inferences On The Load-Sharing Parallel System Model With Weibull Failure-Rate, "*International Conference on "Development And Applications of Statistics in Emerging Areas of Science & Technology"*", hosted by Department of Statistics, Jammu University, Jammu, Dec. 08-10, 2010.
15. Inferences on the re-modeled stress-strength reliability $P[X > Y]$, *8th Annual Conference of Indian Society of Information Theory and Applications*, Mar. 18-20, 2006.
16. Analysis of \bar{X} and R charts when standards vary randomly, *International conference on Recent statistical techniques in life-testing, reliability, sampling theory and quality control*, B.H.U., Varanasi, India, December 29-31, 2003.
17. Bayes test plan for testing a series configuration, V International symposium on optimization and statistics, Aligarh Muslim University, Aligarh, India, Dec. 28-30, 2002.
18. Analyzing the effect of mis-specified prior in a SPRT, IV International symposium on optimization and statistics, Aligarh Muslim University, Aligarh, India, Dec. 8-10, 1998.
19. Inferences on the mixture of hazard rate, I Annual conference of Indian society of information theory and applications and National symposium on stochastic processing and their applications, Maharashi Dayanand University, Rohatak, Feb.3-5, 1996.

SESSIONS CHAIRED IN CONFERENCES

1. Chaired a session in the 24th International Conference of International Academy of Physical Sciences on ‘Innovations in Physical Sciences’ held at Chaudhary Charan Singh University, Meerut during August 09-11, 2019.
2. Chaired a session in the 2nd international conference of Vijnana Parishad of India on “Recent Trends of Computing in Mathematics, Statistics and Information Technologies” hosted by Department of Mathematical Sciences & Computer Applications, Bundelkhand University, Jhansi during March 09-11, 2018.
3. Chaired a session in the XVIII Annual National Conference of SSCA 2016, organized by Department of Statistics, University of Jammu, Jammu, during Feb. 18-20, 2016.

CONFERENCES ATTENDED

1. 2nd international conference of Vijnana Parishad of India on “Recent Trends of Computing in Mathematics, Statistics and Information Technologies” hosted by Department of Mathematical Sciences & Computer Applications, Bundelkhand University, Jhansi during March 09-11, 2018.
2. National Seminar on Recent Development in science and Technology hosted by Department of Chemistry, Meerut College Meerut, on Feb. 17, 2017.
3. National Conference on Recent Statistical Computing Techniques and their Applications (RSCTA-2016), Department of Statistics and Computer Science, Ramanujan College, University of Delhi, during March 11-12, 2016.
4. XVIII Annual National Conference of SSCA 2016, organized by Department of Statistics, University of Jammu, Jammu, during Feb. 18-20, 2016.
5. International Conference on Innovative Approaches in Applied Sciences and Technologies (iCiAsT-2016), organized by Kasetsart University, Bangkok, Thailand, during Feb. 01-05, 2016.
6. International Conference on Statistics and Related Areas for Equity, Sustainability and Development (SRAESD-2015) in Conjunction with XXXV Annual Convention of Indian Society for Probability and Statistics (ISPS-2015) Organized by Department of Statistics, University of Lucknow, Lucknow, during Nov. 28-30, 2015.
7. 2nd International Conference on Science, Technology and Management (ICSTM-15), Delhi University, Conference Centre, New Delhi, Sept. 27, 2015.
8. National Conference on Recent Trends and Developments in Statistics (NCRTDS-2015) hosted by Department of Statistics, M.D. University, Rohtak during Feb. 21-23, 2015.

9. National Conference on Recent Advances in Statistical and Mathematical Sciences and their Applications, hosted by Department of Statistics, Kumaun University, S.S.J. Campus, Almora, Oct. 04-06, 2014.
10. IV National Conference on Statistical Inference, Sampling Techniques and Related Areas, hosted by Department of Statistics & Operations Research, Aligarh Muslim University, Aligarh, Feb. 18-19, 2014.
11. VII International Symposium on Optimization and Statistics (ISOS-2012) and II National Conference on Statistical Inference, Sampling Techniques and Related Areas”, hosted by Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh, December 21-23, 2012.
12. National Conference on Bayesian Statistics and Emerging Applications (BSEA)” hosted by DST-CIMS, B.H.U., Varanasi, India, December 09-10, 2011.
13. National Conference on “Statistics for Twenty-First Century (NCSTC)” hosted by Department of Statistics, University of Kerala, March 17-19, 2011.
14. International Conference on “Development And Applications of Statistics in Emerging Areas of Science & Technology”, hosted by Department of Statistics, Jammu University, Jammu, Dec. 08-10, 2010.
15. National Conference on “Information Technology: Settings Trends in Modern Era” and 8th Annual Conference of “Indian Society of Information Theory and Applications”, N. C. College of Engineering, Israna (Panipat), Haryana, India, March 18-20, 2006.
16. 8th Conference of the International Academy of Physical Sciences held at C. C. S. University, Meerut, hosted by Department of Mathematics, C.C.S. University, Meerut, Dec. 29-31, 2005.
17. International Conference on Recent Statistical Techniques in life-testing reliability, sampling theory and quality control at B.H.U., Varanasi on Dec-29-31, 2003.
18. V International Symposium on Optimization and Statistics”, hosted by Aligarh Muslim University. Dec. 28-30, 2002.
19. UGC sponsored workshop on Reliability and Computer Application in Statistics and related areas hosted by Department of Statistics, C.C.S.University, Meerut, March 11-12, 2000.
20. IV International Symposium on Optimization and Statistics, hosted by Aligarh Muslim University, Dec. 8-10, 1998.
21. All India Statistician Conference in Experimental Design and sample survey hosted by department of Statistics J.V. College, Baraut, C.C.S.University, Meerut, March 8-9, 1997.

22. 1st Annual Conference of Indian Society of Information Theory and Applications and National Symposium on Stochastic Processing and their Applications, hosted by Maharshi Dayanand University, Rohatak , Feb. 3-5, 1996.

JOURNALS IN WHICH PAPERS PUBLISHED

- Communications in Mathematics and Statistics, Springer (U.S.A.)
- Iranian Journal of Science and Technology, Transactions A: Science, Springer (U.S.A.)
- Mathematics and Computers in Simulation, Elsevier (U.S.A.)
- Journal of Statistics Applications and Probability Letters, Natural Sciences Publishing (U.S.A.)
- Journal of Statistics Applications and Probability, Natural Sciences Publishing (U.S.A.)
- Statistics Research Letters, Science and Engineering Publishing Company (U.S.A.)
- International Journal of Systems Assurance Engineering and Management, Springer (U.S.A.)
- Journal of Statistical Computation and Simulation, Taylor and Francis (U.K)
- Computational Statistics, Springer (U.S.A.)
- Reliability Engineering and System Safety, Elsevier (U.S.A.)
- Computational Statistics and Data Analysis, Elsevier (U.S.A.)
- Statistical Methods and Applications, Springer (U.S.A.)
- Journal of Statistical Research (Bangladesh)
- Journal of Quality in Maintenance Engineering, Emerald Publishing Limited (U.K.)
- Mathematics in Engineering Science and Aerospace, Cambridge Scientific Publishers, (U.S.A)
- Journal of Statistics and Applications, M. D. Publications Pvt. Ltd.
- Aligarh Journal of Statistics (India)
- IAPQR Transactions (India)
- Bulletin of Pure and Applied Sciences (India)
- International Journal of Agricultural & Statistical Sciences (India)
- Journal of Reliability and Statistical Studies (India)

COMPUTER SKILLS

Languages	C++, FORTRAN-77
MS-Office Tools	MS Word, Excel, PowerPoint
Software	SAS, SPSS, R, MATLAB, Python and S-Plus

LIST OF SUPERVISED STUDENTS

M.Phil. Projects Supervised:

*Based on Statistical Softwares:

S. No.	NAME	PROJECT TITLE	YEAR
1.	Mohd Mudassir	Data Management and Statistical Analysis using R	2018
2.	Priyanka	On Some Discretize Continuous Lifetime Distributions	2018
3.	Astha	*A Study on Applied Statistical Modelling using SPSS	2017
4.	Parul Panwar	Bayesian Inference on Some Life Time Models in Reference to Censoring	2017
5.	Urvashi	*A Study on Applied Statistical Techniques using SAS	2017
6.	Abhishek Tyagi	*Inferential Statistics using R	2016
7.	Reetika Sahai	*Applied Statistical Techniques using R	2016
8.	Shikhar Tyagi	*A Study on Applied Statistical Techniques using SPSS	2016
9.	Nidhi Jain	*On Prediction and Forecasting using SPSS	2015
10.	Reetu Goel	Inferential Study of some extended lifetime models	2015
11.	Ruchi Gupta	*A Study on applied statistical techniques with SPSS application	2015
12.	Shilpi Singhwal	*On decision oriented statistical techniques with SPSS application: A vital study	2015
13.	Laxmi Raghuvanshi	*On Some Decision Oriented Statistical Techniques with SPSS Applications	2014
14.	Divya Bharti	Inferential Study on Some Load-Sharing System Models	2014
15.	Shaily Tomar	On Some Statistical Quality Control Techniques	2014
16.	Nitin Pal	*A Study on Applied Statistical Techniques Using R	2014
17.	Neha Choudhary	*A Vital Study on the Applied Statistical Modelling Through SPSS	2013
18.	Anju Rani	A Classical and Bayesian Study on Stress-Strength Reliability Models	2013
19.	Jitendra Kumar	*Analyzing Applied Statistical Techniques Through SPSS	2012
20.	Praveen Kumar	Inferences on the Stress-Strength Reliability Models	2012
21.	Vikas Kumar Sharma	*Prediction and Forecasting Through R-Software	2011
22.	Mahaboob	*Exploring the Applied Statistical Techniques Using R-Software	2011
23.	Sunekh Pal	Analyzing Quality Control and Time Series Models using SPSS	2011
24.	Neha Ruhela	*Exploring Multivariate Statistical Techniques Through SPSS	2010
25.	Suman Jaiswal	Bayesian Statistics in Reliability/Survival Analysis	2010
26.	Renu	Estimating the parameters of life time models in Classical and Bayesian Set ups	2010
27.	Praveen Kumar	Inferential Statistics on the Stress-Strength Reliability Models	2009

28.	Puneet Kumar Gupta	Inferential Study of the Life Time Experiments	2009
29.	Sachin Malik	Reliability Analysis of the Life-testing Experiments	2009
30.	Pankaj Kumar	*A Study on the Applied Statistical Techniques Using S-Plus	2008
31.	Davander Kumar	*A Study on Applied Bayesian Statistics Using R-Software	2008
32.	Manish Kumar	On The Classical and Bayesian Reliability Estimation	2008
33.	Sapna Goswami	Inferential Statistics on the Mixture of Life-Time Models	2008
34.	Sarita Rani	Inferences on the Life-Testing Experiments Through Markov Chain Monte Carlo Techniques	2007
35.	Mohit Gupta	*On The Statistical Techniques Used in Applied Research	2007
36.	Chander Prakash Yadav	*Application of Statistical Techniques in Decision Making Approach	2007
37.	Ashish Saxena	*Statistical Models in Managerial Decision Making	2006
38.	Gajraj Singh	Inferential Statistics on the Life Time Models	2006
39.	Rajeev Kumar	Statistical Analysis of the Life Testing Experiments	2006
40.	Haroon Ali	A Bayesian Study on the Life Testing Experiment	2005
41.	Rupa Rathi	Classical and Bayesian Inferences on The Life Testing Experiment	2005
42.	Sachin Tomar	Bayesian Inferences on The Mixture of Life Time Models	2005
43.	Ashok Kumar	A Study on the Quality Control Techniques	2004
44.	Dhirendra Singh	A Bayesian Aspect of The System Reliability Analysis	2004
45.	Anuj Kumar	Posterior Analysis of Reliability Characteristics	2003
46.	Jitendra Kumar	Life Test – A Bayesian Approach	2003
47.	Shalendra Singh	A Study on Reliability Characteristics of Engineering System	2003
48.	Shivani Garg	Inferential Problems in Survival Analysis	2003

Ph.D Thesis Supervised:

S. No.	NAME	TITLE	YEAR
1.	Dushyant Tyagi	On Some Problems in Engineering Statistics	2014
2.	Sachin Tomer	Bayesian Inferences on The Mixture of Life Time Models	2012
3.	Gajraj Singh	Inferential Statistics on the Life Time Models	2010
4.	Anuj Kumar	Posterior Analysis of Reliability Characteristics	2007

Ph.D Thesis under supervision:

S. No.	NAME	TITLE	Registration Year
1.	Neha Choudhary	Statistical Inferences on Some Generalised Reliability Models	2017
2.	Reetu Goel	Inferential Study of Some Extended Life Time Models	2017
3.	Abhishek Tyagi	Bayesian Study of Some Life Time Models	2017