

# *Tariq Rashid Jan*

Department of Statistics, University of Kashmir,  
Srinagar, Jammu and Kashmir, India- 190 006  
Cell# +91 9622461403  
Email: drtrjan@gmail.com



## **Present Status**

Working as *Associate Professor* in Department of Statistics, University of Kashmir, Srinagar

## **Teaching Experience**

**Twenty seven years** of teaching experience teaching Statistics at Post Graduate level.

- *Lecturer (Adhoc)* in the Department of Mathematics and Statistics, University of Kashmir, Srinagar, from 18th Oct, 1994 to 31st Dec, 2002
- *Research Assistant (Adhoc)* in Population Research Centre, P.G. Dept. of Economics, University of Kashmir, Srinagar from 1st Sept, 2003 to 13<sup>th</sup> Feb, 2007
- Assistant Professor , Department of Statistics, University of Kashmir from 14 February 2007 till date

## **Institutional Services**

- Consultant, Directorate of Internal Quality Assurance (NAAC)
- Consultant , Directorate of Internal Quality Assurance (NIRF)
- Nodal officer, Department of Statistics (2007-2013)
- Member organizing committee JK Science Congress
- Academic Councilor, Department of Statistics. KU (2013-till date)

## Academic Qualifications

- **Ph.D.** in **Statistics** in **2004** (Year of enrollment 2002) from Department of Statistics. University of Kashmir.
- **M.Phil.** in **Statistics** in **1994** (Year of enrollment 1993) from Department of Statistics & Operations Research from **Aligarh Muslim University**, Aligarh, India.
- **M. Sc.** in **Statistics** in **1989** (Year of enrollment 1987) from Department of Statistics & Operations Research from **Aligarh Muslim University**, Aligarh, India.
- **B. Sc.** in **English, Mathematics, Physics and Chemistry** in **1986** from University of Kashmir.

### Topic of Ph.D. Thesis

Generalized Negative Binomial Distribution and Its Applications

### Topic of M.Phil. Dissertation

Stochastic Integer Programming

### Field of Specialization and Interest

- Probability Distributions
- Design and Analysis of Experiment
- Sampling Theory
- Testing of Hypothesis

**Number of citations (Scholar Google) :** 472

**h index (Scholar Google):** 12

**i index (Scholar Google):** 14

### **Courses Taught in Departments**

- Design and analysis of experiments,
- Sampling Theory,
- Testing of hypothesis,
- SPSS
- Research Methodology to Research Scholars (Ph.D)

### **Courses Taught in other Departments**

- Sampling Techniques to M.Tech students of post graduate department of Electronics, University of Kashmir.
- Statistical methods to M.Sc. students of post graduate department of Geology and Geo Physics, University of Kashmir.
- Bio Statistics to M.Sc. students of post graduate department of Bio-Technology, University of Kashmir.
- Bio Statistics to M.Sc. students of post graduate department of Bio-Chemistry , University of Kashmir.

### **Research Papers Published**

1. Rashid, A., Ahmad, Z., Jan, T.R (2021). On Negative Binomial-Two Parameter Lindley Distribution. *Journal of Statistics Applications and Probability*. 10 (2): 525-530. ISSN (2090-8423) ( Scopus)
2. N. Bashir, JPS Joorel, T.R. Jan ( 2021). Reliability Analysis of Two Unit Standby Model with Controlled and Uncontrolled Failure of Unit and Replacement Facility Available in the System. *Pakistan Journal of Statistics and Operation Research*. 17(3): 625 – 632. ISSN (1816 – 2711). ( Scopus)
3. Para, B.A., Jan, T.R., Subzar, M. (2021). A new three parameter log-logistic model for survival data Analysis. *Journal of Statistics Applications and Probability*. 10 (3): 705-714. ISSN (2090-8423) .( Scopus)

4. N. Basheer & T.R. Jan (2021). Stochastic Modeling of Three Non-Identical Complex System With Single Service Facility Available In The System. *Electronic Journal of Applied Statistical Analysis*. 14(1): 27-43. ISSN: (2070-5948). (Scopus)
5. N. Bashir, R. Bashir, J.P. S. Joorel, T.R. Jan (2021). Cost Benefit Analysis of Three Non-Identical Machine Model with Priority in Operation and Repair. *Journal of Information Systems and Telecommunication (JIST)*. 9 (35) : 151-160. ISSN (2322-1437).
6. S. Rasool, R. Dar, M. S Khan, S.G. Ayoub, S.Rashid, Muneeb U Rehman, Tariq Jan, M. A Qureshi, K. I Andrabi (2021). MYP2 Locus Genes: Sequence Variations, Genetic Association Studies And Haplotypic Association In Patients With High Myopia. *International Journal of Biochemistry and Molecular Biology*. 12(1):35-48 (Scopus)
7. R. Jan, P.B.Ahmad, Jan.T.R (2021). Characterization and Estimation of Generalized Inverse Power Lindley Distribution. *Journal of Scientific Research*. 65(1): 276-282. ISSN: (0447-9483). (UGC care list)
8. B. Para and Jan. T.R (2020). Poisson Weighted Ishita Distribution: Model for Analysis of Over-Dispersed Medical Count Data. *Statistics in Transition new series*, 21(3) : 171–184. ISSN: (1234-7655). (Scopus)
9. R. Jan, T.R Jan, R. Bashir, P. B. Ahmad (2020) Characterization and Estimation of Odd-Lomax Lindley Distribution. Proceedings of 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO) (IEEE) pp 606-610
10. Rameesa Jan, T. R Jan, P. B. Ahmad, Raeesa Bashir (2020). A New Generalization of Ailamujia Distribution with Real Life Applications. Proceedings of 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO) (IEEE) pp 237-242.
11. N. Bashir, R.Bashir, JPS Joorel, Jan.T.R (2020) Reliability and Profit Evaluation of Textile Industry with Exponential Failure Time Distribution and Different Repair Strategies. *Proceedings of 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO) (IEEE)* pp 119-124.

- 12.** Adil.H, Jan T.R, ( 2020). Estimation of Stress -Strength Reliability Model using Finite Mixture of M-Transformed Exponential Distribution. *Reliability Theory and Applications*. 15 (2) : 90-103. ISSN: 1932-2321. (web of Science)
- 13.** BA Para, Jan T.R, Bakouch H.S ( 2020). Poisson Xgamma distribution : A discrete model for count data analysis. *Model Assisted Statistics and Applications*. 15 (2) : 139-151. ISSN : (1574-1699.) IOS press. Scopus indexed (UGC care list).
- 14.** S Rasool, R Dar, AA Bhat, SG Ayub, MU Rehman, S Rashid, Jan. T (2020). A novel G26A variation in 5' half of TGIF1 gene associates with high myopia in ethnic Kashmiri population from India. *Taiwan Journal of Ophthalmology*. 10(4): 294-297. Medknow Publications.
- 15.** Nafeesa. B.....Jan T.R (2019) Estimation of stress strength Reliability in Single Component Model for Different Distributions. *Current Journal of Applied Science and technology*. 36(6):1-10. ISSN: (2457-1024).
- 16.** Rameesa Jan, Nafeesa .B and Jan T. R (2019): Alpha-Power Generalized Inverse Lindley Distribution: Properties and Applications. *Journal of Applied Probability and Statistic*.14 (3):117-130. ISSN:( 1930-6792) (UGC care list)
- 17.** BA Para, TR Jan ( 2019) On Three Parameter Discrete Generalized Inverse Weibull Distribution: Properties and Applications. *Annals of Data Science* 6 (3): 549-570
- 18.** A. H. Khan, T. R. Jan (2019) Log-Logistic Weibull-Geometric Distribution With Application To Lifetime Data . *Journal of Reliability and Statistical Studies*. 12 (1): 187-204
- 19.** N Bashir, R Jan, TR Jan, JPS Joorel, R Bashir (2019) Estimation of Stress Strength Reliability in Multicomponent for Exponentiated Inverse Power Lindley Distribution. *Proceedings of 2019 Amity International Conference on Artificial Intelligence (AICAI)*, IEEE 510-514
- 20.** R Dar, S Rasool, AA Waza, G Ayoub, M Qureshi, AH Zargar, I Bashir, (2019) Polymorphic analysis of leptin promoter in obese/diabetic subjects in Kashmiri population . *Indian journal of endocrinology and metabolism*. 23 (1): 111-116

21. Para, B.A & Jan. T.R (2018) A new generalized version of Log-logistic distribution with applications in medical sciences and other applied fields. *International Journal of Modeling, Simulation, and Scientific Computing*. 9 (5): 1-22 .  
ISSN: (1793-9623).
22. M. Arif Wani ; Heena Farooq Bhat ; Tariq Rashid Jan (2018). Position Specific Scoring Matrix and Synergistic Multiclass SVM for Identification of Genes. Proceedings of 2018, 17th IEEE International Conference on Machine Learning and Applications (ICMLA)
23. Rafia, Jan, Asra. N. , Jan T.R. (2018). Modified class of Ratio-Cum-Dual to Ratio Estimators for Estimating Finite Population Mean Using Auxiliary Information. *International Journal of Management, Technology And Engineering*. 8 (10): 2023-2030. ISSN: (2249-7455) .
24. Asra.N., Rafia. Jan , Jan.T.R. ( 2018). Efficient Class of Ratio cum Regression Estimators using Non- Conventional Parameters for Estimating Population mean. *International Journal of Management, Technology And Engineering*. 8 (10): 834-842. ISSN : (2249-7455) .
25. Para, B.A & Jan. T.R(2018) Discrete inverse weibull beta model: properties and applications in health science. *Pakistan Journal of Statistics*. 34( 3): 229-249.
26. Zahoor. A, Adil. R, & Jan.T.R (2018). Generalized Version of Complementary Lindley Power Series Distribution with Application. *Pakistan Journal of Statistics and Operation research*. Vol.14 (1) : 139-155. ISSN : (1816-2711).
27. Zahoor. A A. Rashid, &Jan.T.R. (2018). An advanced Count Data with Applications in Genetics. *Applied Mathematics and information Science Letters*. 6(3): 113-121.
28. Asra.N., Rafia. Jan , Jan.T.R. ( 2018). A generalized exponential ratio cum product estimator in Simple random sampling for estimating population mean using two auxillary variables. *International journal of mathematical science and letters*. 7(3): 139-143.

29. Asra.N., Rafia. Jan, S. Maqbool & Jan.T.R.( 2018) A modified dual to ratio cum product estimator using two auxiliary variables in stratified sampling for estimating population mean. *International journal of scientific research in mathematical and statistical sciences*. 5 (4): 264-271.
30. Asra.N., Rafia. Jan , Jan.T.R( 2018). An improved difference type estimator for population mean under two phase sampling design. *Journal of Statistics application and probability ( An International Journal) . 7(2) :349-355 ( July)*.
31. A. Rashid, Z. Ahmad, Jan.T.R. (2018).A New Lifetime Distribution For Series System: Model, Properties and Application. *Journal of Modern Applied Statistical Methods*.17(3): 1-25
32. Para, B.A , Zahoor. A & Jan. T.R(2018). Discrete Burr type XII beta distribution: properties and applications. *Applied Mathematics and information Science Letters*. 6( 3): 350-353.
33. Rafia, jan, Asra. N., S. Maqbool, Jan T.R. (2018). Generalized ratio-cum-product estimator for estimating population mean in systematic sampling. *International journal of scientific research in mathematical and statistical sciences*. 5 (4):264-143.
34. Rafia, Jan, Asra. N. Jan T.R. (2018). A modified exponential estimator for estimating the population mean in simple random sampling .*Applied Mathematics and information Science Letters*. 6 (3) :143-147
35. A Bashir, YM Hazari, S Bashir, N Hilal, M Banday, MK Iqbal, Jan. T.R, ...(2018) SERPINA1 Hepatocyte-Specific Promoter Polymorphism Associate with Chronic Obstructive Pulmonary Disease in a Study of Kashmiri Ancestry Individuals. *Lung*. 196 (4) : 447–454, PubMed, Springer. ISSN: 0341-2040
36. Adil. R, Z.Ahmad & Jan.T.R (2017) Complementary Compound Lindley Power Series Distribution With Application. *Journal of Reliability and Statistical Studies*. 10 ( 2): 143-158; ISSN : 0974-8024.
37. Para. B.A, and Jan .T.R (2018). On Three Parameter Weighted Pareto Type II Distribution: *Properties and Applications in Medical Sciences*. . 6 (1) :13-26
38. Para, B.A and Jan, T.R (2018). An Advanced Discrete Model with Applications In Medical Sciences. *Journal of Miltiscale Modeling*. 9(2) ISSN(P): 1756-9737

39. Suriya Jabeen & Jan T.R. (2017), Some Information Measures for Gamma Exponential Distribution. *International Journal of Advance Research in Science and Engineering*. 6 (03) : 409-422. ISSN: 2319-8346
40. Rafia Jan, Asra Nazir and Jan T.R (2017), Modified Class of Estimators for Estimating Population Variance in Simple Random Sampling Using Auxiliary Information. *International Journal of Advance Research in Science and Engineering* 6 (03) : 233-240 ISSN(P): 2319-8346
41. Asra Nazir Rafia Jan, and Jan T.R (2017), A New Procedure Of Variance Estimation Using Linear Combination Of Conventional And Non- Conventional Parameters Information. *International Journal of Advance Research in Science and Engineering* 6 (03) : 224-232. ISSN(P): (2319-8346 )
42. Zahoor Ahmad, Adil Rashid, and Jan.T.R .(2017). New Discrete Flexible Model :Geeta-Kumaraswamy Distribution With Application *International Journal of Advance Research in Science and Engineering*. 6 (03): 269-275 . ISSN(P): 2319-8346.
43. Adil Rashid, Zahoor Ahmad& Jan.T. R. (2017). A New Discrete Distribution For Vehicle Bunch Size Data: Model, Properties, Comparison And Application *International Journal of Advance Research in Science and Engineering*. 6 (3) : 269-275 ISSN(P): 2319-8346.
44. Zahoor.A Adil. R and Jan T.R. (2017). A New Discrete Compound Distribution with Application. *Journal of Statistics Application & probability*. 6(1) : 233-241. ISSN (2090-8423).<http://www.naturalspublishing.com>.
45. Para, B.A and Jan, T.R (2017). Discrete Inverse Weibull Minimax Distribution: Properties and Applications, *Journal of Statistics Applications and Probability*, 6(1):205-218. ISSN: (2090-8431) . <http://www.naturalspublishing.com>.
46. Para, B.A and Jan,T.R (2017). Discrete Three Parameter Burr Type III distribution in the Epidemiology of Dental Caries, *Journal of Statistics Applications and Probability Letters*.4(2): 61-72 ISSN: (2373-8944).
47. Para, B. A., & Jan, T. R. (2017). Discrete generalized Weibull distribution: properties and applications in medical sciences, *Pakistan Journal Statistics*. 33(5) : 337-354.



48. Para, B. A., & Jan, T. R. (2017). Transmuted Inverse Loglogistic Model: Properties and Applications in Medical Sciences and Engineering, *Mathematical Theory and Modeling*, 7(6) : 157-181. ISSN:(2224-5804).
49. Para, B. A., & Jan, T. R. (2017). Compound of Discrete Weibull and Minimax Distributions as a New Count Data Model with Application in Genetics. *Applied Mathematics & Information Sciences Letters*. 5(3) : 113-125. ISSN: (2373-8944)
50. Para, B. A., Jan, T. R. (2016). On Discrete Three Parameter Burr Type XII and Discrete Lomax Distributions and Their Applications to Model Count Data from Medical Science, *Biometrics & Biostatistics International Journal*. 4(2): 00092. DOI: ISSN: (2378-315X)
51. Para, B. A. and Jan, T. R. (2016), Discrete Version of Log-Logistic Distribution and Its Applications in Genetics, *International Journal of Modern Mathematical Sciences*, 14 (4) : 407-422.
52. A. Rashid, Zahoor A, and Jan. T.R. (2016) A new count data model with application in genetics and ecology, *Electronic Journal of Applied Statistical Analysis*. 9(10) : 213-226, ISSN: (2070-5948).
53. R. Dar, S. Rasool, , A. H. Zargar, , Jan. T.R &K I. Andrabi (2016) Polymorphic analysis of MC4R gene in ethnic Kashmiri population with type 2 diabetes, *International Journal of Diabetes in Developing Countries*. 36 (1) : 113-119. Springer, ISSN : (1998-3832).
54. Para. B. A and Jan. T. R (2016). Discrete Version of Log-Logistic Distribution and Its Applications in Genetics. *International Journal of Modern Mathematical Sciences* 14 ( 4) : 407-422, ISSN: (2166-286X )
55. A. Rashid & Jan T.R. (2016). New family of lifetime distributions with real life applications, *International Journal of Mathematics and Statistics*, 17( 1) : 23-38, ISSN: (0974-7117).
56. Jan T.R. & Janifur Majid (2015) Effectiveness of feedback source mechanism in performance appraisal system-An empirical study of Indian telecom sector. *Indian Journal of Research*, 5 (2) : 99-107, ISSN: (2231-6655) .

57. Jenifur Majid & Jan T.R. (2015). Legal Perspective of Performance Appraisal Management, Journal of Management Outlook, The Research Development Association, ISSN: (2231-1769).
58. Adil.R&Jan.T.R (2015). A Compound of Size Biased Geeta Distribution with Generalized Beta Distribution, Journal of Advance in Mathematical Science . 12 (2) : 138-144. ISSN: (2454-387X)
59. Adil H. Khan & Jan T. R. (2015). Estimation of Stress-Strength Reliability Model Using Finite Mixture of Two Parameter Lindley Distributions. *Journal of Statistics Applications & Probability*, 4 ( 1) : 147-159,. ISSN: (2090-8431).
60. S. Jabeen and Jan. T.R (2015).Information measures of Size-Biased Generalized Gamma Distribution International Journal of Scientific Engineering and Applied Science. 1(3): 516-530, ISSN: (2395-3470)
61. G.H. Dar, A.N.Kamilli, R.Nazir, S.A. Bandh, &.Jan T.R(2015). Enhanced production of  $\alpha$ -amylase by *Penicillium chrysogenum* in liquid culture by modifying the process parameters. *Microbial pathogenesis*. 88 (2) : 10-15. ISSN: (882-4010).
62. Para. B. A and Jan. T. R (2015) Generalization of Burr Type III Distribution. *International Journal Of Modern Mathematical Sciences*. 13 (3): 322-329. ISSN: (2166-0286X)
63. S. Jabeen and Jan. T.R (2015). T-X Family of Gamma-Exponential Distribution and its Structural Properties Proceedings of International Conference on Advances in Computers, Communication and Electronic Engineering. pp. 207-213(2015)
64. Adil H.Khan& Jan .T.R (2015). Estimation of Stress strength reliability using finite mixture of Exponential and Gamma Distributions" proceedings of Commune 2015, 1(1): 119 -125. ISSN: (978-93)
65. Adil .R & Jan .T.R (2015). A compound of Negative Binomial Distribution with two parameter Lindley Distribution as a tool for handling overdispersion" proceedings of Commune 2015, 1(1): 103 -109 ISSN: (978-93)
66. Rubiya Dar, S. Rasool, H. Zargar, Tariq R. Jan and K. I. Andrabi(2015): Association of MC4R codon 42 polymorphism with obese/ diabetic ethnic

- Kashmiri population. *Asian Journal of Medical and Biological Research*, 1(2) : 149-157.
67. S. Jabeen and Jan. T.R (2014) Bayes Estimators of parameter of Size-Biased Generalized Gamma Distribution using Lindley,s Approach *International Journal of Advanced Scientific and Technical Research*. 3(4): 553-561. ISSN : (2249-9954)
68. Para, B. A. and Jan, T. R. (2014) . Discrete Generalized Burr-Type XII Distribution," *Journal of Modern Applied Statistical Methods*: 13(2):244-258. Article 13.
69. Khan, Adil H. and Jan, T R. (2014) "Estimation of Multi Component Systems Reliability in Stress-Strength Models," *Journal of Modern Applied Statistical Methods*: Vol. 13: Iss. 2, Article 21.
70. Khan, Adil H. and Jan, T R. (2014) "Reliability Estimates of Generalized Poisson Distribution and Generalized Geometric Series Distribution," *Journal of Modern Applied Statistical Methods*: 13(2): Article 20.
71. Adil H.Khan and Jan .T.R (2014) . on estimation of reliability function of consul and Geeta distribution. *International journal of Advanced Scientific and Technical Research*. July – August 4 (4) :96-105.
72. I. Ahmed, S Rasool, T. Jan, T. Qureshi, N. A Naykoo, K. I Andrabi (2014) TGIF1 is a Potential Candidate Gene for High Myopia in Ethnic Kashmiri Population 39 (3) : 282-290.
73. Bandy, M.T., Ahmad, M., Jan, T. R. (2014). Applications of e-Learning in Engineering Education – A Case Study *Procedia - Social and Behavioral Sciences*. Vol 123, PP 406-416 March, "Taylor's 6th Teaching And Learning Conference 2013: Transformative Higher Education Teaching And Learning In Practice Proceedings Of The Taylor's 6th Teaching And Learning Conference 2013 (Ttlc2013), November 23, 2013, Taylor's University Lakeside Campus, Selangor Daruh Ehsan, Malaysia"
74. M. Ahmad, M., Bandy, M.T., Jan, T. R. (2014). *ICT4ELT: A Study with Reference to Indian Context*" *Procedia - Social and Behavioral Sciences*. Vol 123, PP 414 - 421 March, "Taylor's 6th Teaching And Learning Conference 2013:

*Transformative Higher Education Teaching And Learning In Practice Proceedings Of The Taylor's 6th Teaching And Learning Conference 2013 (Ttlc2013), November 23, 2013, Taylor's University Lakeside Campus, Selangor Daruh Ehsan, Malaysia"*

75. Adil R. and Jan. T. R. (2014) A compound of Geeta distribution with Generalized Beta distribution. *Journal of Modern Applied Statistical Methods*. 13( 1):278-286.
76. Adil R. and Jan. T. R. (2014). A mixture of Generalized Exponential Distribution with Generalized Beta Distribution. *Journal of Statistics applications and probability*. 3( 3) : 451-464.
77. Adil R. and Jan. T. R. (2013). A Compound of Generalized Negative Binomial Distribution with Generalized Beta DistributioN. *Journal of Reliability and Statistical Studies*; 6 (1) : 11-19, ISSN:( 0974-8024).
78. S. Rasool, I. Ahmed, R Dar, S. Gazalla, S.Rashid, Jan T.R, T.Ahmed, N.A. Naikoo, and Khurshid I. Andrabi, (2013) .Contribution of TGF $\beta$ 1 codon 10 polymorphism to high myopia in an ethnic Kashmiri population from India. *Biochemical Genetics*. 51(1/2) 1 ISSN 0006-2928 Springer Science Business Media New York 2013
79. Khan. A.H and Jan.T.R. (2012). Bayesian Estimation Of Erlang Distribution Under Different Generalized Truncated Distributions As Priors. *Journal of Modern Statistical Methods* . 7(2): ISSN: (1538-9472).
80. Khushid, I, Rasool, S. and Jan. T. (2012). Intronic variants of TGIFI(variant-008) have a potential to associate with high myopia in ethenic Kashmiri population. *Asian Journal of Bio Science*, 7 (2): 241-243. ISSN: (0973-4899).
81. Nawchoo, I. A, Rather A.M, Ganie, A.H and Jan T.R. (2012). Need for unprecedented impetus for monitoring and conservation of Valerianajatamans- a valuable medicinal plant of Kashmir Himalaya. *Agricultural Science Research Journal*. 2 (7): 369-373. ISSN: (2026-0607) International Research Journal.
82. Ahmad, S.P. and Jan, T.R. (2012). Comparison of Bayesian and maximum likelihood estimation for exponential distribution. *Aryabhatta Journal of Mathematics & Informatics*, 4 (1): 95-100.
83. M.Banday, J.K.Dhar, S. Aslam, S.Qureshi, T Jan and B. Gupta (2012). Determination of pesticides in Blood Serum Samples from Inhabtants of Dal Lake

- hamlets in J&K, India. *International Journal of Pharmacy and Pharmaceutical Sciences*. 4(suppl 5): 389-395. ISSN: (0975-1491).
- 84.** Tabassum and Jan.T.R. (2011). Institutional Repositories: An Evaluative Study (2011). *Trends in Informaton Management*. 7 (2) :, 229-236. ISSN: 0973-4163 .
- 85.** Tabassum and Jan.T.R. (2011). Scholarly Communication: Vision and Utilization. A Case Study Of Scholars of Kashmir University *International Research: Journal of Library and Information Science*. 1(2) . **ISSN: 2249-0213**
- 86.** Banday M.T and Jan T. R (2009). Detecting Threat E-mail using Bayesian Approach. . *International Journal of Secure Digital Information Age*, **1(2)** December, ISSN: (0975-1823).
- 87.** Intestinal Helminthes in a Population of Children from Kashmir Valley; India (2008). *Journal of Helminthology*, Cambridge University Press Vol **82**, pp. **313-317**,
- 88.** A. Hassan, Jan T.R, Raja. T.A, Mir, K.A (2004). A Simple Method for Estimating Generalized Negative Binomial Distribution. *Soochow. Journal. of Mathematics*. **30 (4) : 411-418**, October
- 89.** A. Hassan, Mishra A and Jan T.R. (2002). A Quick Method of Estimating Generalized Geometric Series distribution. *Studia Sci. Math Hungarica*. **39,(3-4): 291-295**

### **Research Scholars Supervised/Under Supervision**

#### ***Ph.D (Awarded)***

1. **Zahoor Ahmad (2021)**  
*Topic:* Characterization Estimation and Applications of Some Univariate Generalized Probability Distributions
2. **Rameesa Jan (2021)**  
*Topic:* Modeling of Generalized Lindley Distribution under Classical Statistical Universe
3. **Nafeesa Bashir (2021)**  
*Topic:* Effectiveness Analysis of Multicomponent Reliability Models Subject to Different Failure Repair Policies

4. **Rafia Jan (2021)**

*Topic:* Modified Estimators for Estimating Population Parameters in Various Sampling Strategies Using auxiliary Information

5. **Bilal Ahmad Para (2018)**

*Topic:* Development and Applications of Generalized Probability Models in Medical Sciences

3. **Adil Hamid Khan (2017)**

*Topic:* Reliability Analysis of Some Lifetime Distributions.

4. **Adil Rashid (2017)**

*Topic:* Compound Probability Distributions and Their Applications.

5. **Ms. Suriya Jabeen (2016)**

*Topic:* Characterization and Estimation of Some Generalized Continuous Distributions.

**Ph.D (Under supervision)**

1. **Asra Nazir:**

**Topic:** Modified conventional and non-conventional location parameters in survey sampling

2. **Saba Riyaz:**

3. **Topic:** Use of auxiliary information in analysis and estimation of environmental data

4. **Imran Hussain**

**Topic:** Modeling and Estimation of Some Generalized Probability Distributions

**M.Phil. (Awarded)**

1. **Ms. Suriya Jabeen (2012)**

*Topic:* Ranked Set Sampling and Its Application in Quality Control. ( Awarded 2012 )

2. **Saba Riyaz**

*Topic:*

Some Aspects of Ranked Set Sampling. ( Awarded 26-09-2013 )

3. **Adil Rashid**

*Topic:*

Compound Probability Distributions and Their Applications ( Awarded 12-09-2013)

**4. Adil Hamid Khan**

***Topic:***

Reliability Analysis of Discrete Lifetime Distributions ( Awarded 09-12-2013)

**5. Bilal Ahmad Para**

***Topic:***

Characterization and Estimation of some Burr Distributions (Awarded 26-08-2014)

**Review Assignments:**

- American Journal of Mathematical and management Sciences
- Pakistan Journal of Statistics (PJS)
- Mathematical Problems in Engineering.
- Journal of Statistics Applications & Probability and Letters

**General Orientation Courses**

Participated in University Grants Commission sponsored orientation course organized by Academic Staff College, University of Kashmir, Srinagar from

I. 17<sup>th</sup> October to 18<sup>th</sup> November **1995**

II. 15<sup>th</sup> February to 14<sup>th</sup> March, **2007**

**Refresher courses/Summer School/ Workshops**

1. Participated in University Grants Commission sponsored refresher course organized by Academic Staff College, University of Kashmir, Srinagar from

I. 9<sup>th</sup> October to 30<sup>th</sup> October **2000**

II. 23<sup>rd</sup> August to 12<sup>th</sup> September, **2007**

2. Special Summer School Refresher Course, organized by UGC, Human Resource Development Centre, from 23<sup>rd</sup> July to 14<sup>th</sup> August, 2015.

3. Participated in 14 days training on “Research Writeup with Latex”, organized by Institute of Technology. University of Kashmir ( Zakura Campus) from 01-02-2018 to 14-02-2018

## Conferences Participated/Attended

1. Participated in Two day's multidisciplinary International Conference on Applied Statistics in Biological, Agricultural, Social and Medical Sciences organized by Division of Social Sciences. Faculty of Fisheries, SKUAST- Kashmir on 20-21 October, 2021
2. Participated in 1st International Conference on Recent Developments in Science, Humanities & Management, organized by Amar Singh College, Cluster University, Srinagar held on 17-04-2018 to 18-04-2018.
3. Participated in "13th Session of J K Science Congress 2018", and presented a paper titled "Stress Strength Reliability for Exponential Inverse Power Lindley Distribution", organized by University of Kashmir, from 02 04-2018 to 4-04-2018.
4. Participated in 6th International Conference on New Frontiers of Engineering, Science, Management and Humanity and presented research paper titled Effect of Compounding Distribution on Consul and Size Biased Distribution: Comparison and Application in Traffic Analysis, organized by Conference Info in association with Academic Science at Chandigarh, Panjab, India on 9th December, 2017.
5. Participated in UGC Sponsored National Seminar on Electronic Devices, Systems, and Information Security and presented research paper titled Discrete Generalised Weibull Distribution with Application in Reliability and Medical Sciences, organized by Department of Electronics and Instrumentation Technology, University of Kashmir, Srinagar, from 24-03-2017 to 25-03-2017.
6. Participated in UGC Sponsored National Seminar on Electronic Devices, Systems, and Information Security and presented research paper titled A New Discrete Model: Properties and Applications, organized by Department of Electronics and Instrumentation Technology, University of Kashmir, Srinagar, from 24-03-2017 to 25-03-2017.
7. Attended a Two Day National Workshop for Teachers Training and Sensitization Programme on Human Rights, organized by Faculty of Law University of Kashmir,



from 29-03-2017 to 30-03-2017

8. Attended One Day National Seminar on Human Rights with a Special Focus on Right to Education, organized by Faculty of Law University of Kashmir, from 20-05-2017 to 20-03-2017
9. Participated in ten-day workshop on Standardization of Shina, organized by Department of Linguistics. University of Kashmir From 20-29 th March, 2017.
10. Participated in VIII international Symposium on Statistics and Optimization in Conjecture with XXXVI Annual Convention of Indian Society for Probability & Statistics, and Seminar on Statistical Inference, Sampling and Optimization Techniques & Related Area. (SAP-DRS-II) from 17-19 December, 2016
11. Participated in UGC Sponsored National Seminar on Electronic Devices, System and Information Security. Organized by Department of Electronics and Instrumentation Technology. University of Kashmir From 18-19 March, 2016,
12. Participated and presented in UGC Sponsored Seminar on Electronic Devices, Systems and Information Security (SEEDS) organized by PG Department of Electronics and instrumentation Technology, from 16-03-2015 to 17-03-2015
13. Participated and presented in "11th J K Science Congress 2015", on "Health status of inhabitants of flood hit areas in Kashmir", organized by University of Kashmir, from 12-10-2015 to 14-10-2015
14. Participated and presented in "Commerce & Management Education Under New Education Policy", on "Developing Professionalism in Business Education under NEP Agenda 2015", organized by The Islamia College of Science & Commerce. (UGC- Autonomous with CPE status), from 09-12-2015 to 10-12-2015
15. Participated in seminar on Empirical Research Using Micro- level Data of NSSO, organized by Department of Economics , University of Kashmir, from 30<sup>th</sup> March to 5<sup>th</sup> April, 2015.
16. Participated in National Seminar on Current Trends in Linguistics. With special reference to Kashmiri Language and Linguistics. Organized by Department of Linguistics. University of Kashmir from 12-13 August, 2015

17. Participated in National Seminar on Lal Ded&NundReshi as Torch Bearer of Universal Brotherhood, organized by Centre of central Asian Studies in Collaboration with Indian Council for Philosophical Research from 03-04 December 2014.
18. Participated in Taylor's 6th Teaching And Learning Conference 2013: Transformative Higher Education Teaching And Learning In Practice Proceedings Of The Taylor's 6th Teaching And Learning Conference 2013 (Ttlc2013), November 23, 2013, Taylor's University Lakeside Campus, Selangor Daruh Ehsan, Malaysia.
19. Attended and participated in International Conference on Operations Research on Data Analytics and Decision Analysis in Conjunction with the 46th Annual Convention of Operational Research Society of India (ORSI) (ICORDADA-13) organized by Department of Statistics, University of Kashmir, Srinagar from 21-23rd October, 2013. and presented paper entitled " Application of Zero Inflated Modified Power Series Distribution in Genetics" \
20. Attended five days International Workshop on "Optimiozation Techniques &Softwares" in conjunction with the 46th Anual Convention of Operational Research Society of India, organized by thwe department of Statistics, University of Kashmir, Srinagar from October, 19-23, 2013.
21. Attended and participated in 9th J&K Science Congress and Regional Science Congress organized by University of Kashmir in collaboration with J&K State Council for Science and Technology and DST, Govt. of India at University of Kashmir, Srinagar from 1-3 October, 2013. and presented paper entitled "A Mixture of Truncated Generalized Negative Binomial Distribution with Generalized Exponential Distribution"
22. Attended two days workshop on "Regulations and Ethics for Animal Experiments" held at Regional Institute of Unani Medicine Srinagar in Collaboration with Committee for the the purpose of Control and Supervision of Experiments on Animals (CPCSEA)from 8-9th November, 2013. A joint venture

of DST Ministry of Science and Technology, GOI and CCRUM, DEPT. of AYUSH, Ministry of Health & Family Welfare, GOI

23. Participated in 8<sup>th</sup> JK Science congress from 17- 19 Sept, 2012, held at University of Kashmir and presented paper “ Application of Zero Inflated Modified Power Series Distribution in Genetics”
24. Attended Three days National Seminar on Open Source Software Systems Challenges and Opportunities from 20-22 June, 2011 at University of Kashmir and presented paper entitled “ *Institutional Repositories: and Evaluation Study*”
25. Attended six days short term course on *MECHTRONICS* between 21-26 June, 2011 organized by department of Electronics and Instrumentation Technology in Collaboration with Academic Staff College, University of Kashmir and department of Mechanical Engineering NIT Srinagar.
26. Attended Three days National workshop on Research Methods and Statistical Techniques between 14-16 March, 2011 organized by Department of Library and Information Sciences, University of Kashmir in Collaboration with U.G.C Academic Staff College.
27. Participated in 7<sup>th</sup> JK Science congress and presented a paper on A Compound of Generalized Negative Binomial Distribution with Generalized Beta Distribution held from 13 – 15 October, 2011
28. Participated in International Conference on New Trends in Statistics & optimization, and presented a paper titled “Effectiveness And Limitations of Statistical Spam Filters”, held by department of Statistics, University of Kashmir from October, 20-23, 2008. <http://arxiv.org/ftp/arxiv/papers/0910/0910.2540.pdf>
29. Two day workshop on Re- structuring of Commerce Curriculum at Undergraduate level on 15<sup>th</sup> -16<sup>th</sup> November, 2008.
30. 4<sup>th</sup> JK Science congress, held from 12-14 November, 2008.
31. Participated and presented research paper titled “Control Charts Based on Percentile Ranked Set Sample with Equal Samples” in *International conference on New trends in Statistics & Optimization” October 20-23, .Department of Statistics University of Kashmir.*

32. Research Methodology organized by Centre for Adult continuing education and Extension, University of Kashmir in collaboration with faculty of Education, from 15<sup>th</sup> - 25<sup>th</sup> November, 2000
33. Attended International conference on optimization held at Aligarh Muslim University in 1993.

### **Field Surveys Guided**

1. Varoius Methods of Construction of Generalized Distributions (2021)
2. Sample Survey Regarding Students Health Care at University of Kashmir (2019)
3. An Evaluation of Students satisfaction Survey at University of Kashmir (2017)
4. Structural properties, estimation and applications of generalized negative binomial distribution. (2016)
5. Structural properties and estimation of exponential distribution. (2016)
6. Role of information communication technology in higher education with reference to University of Kashmir, (2013)
7. The Habits, Knowledge & Attitude towards smoking among the male students of Kashmir University. (2011)
8. A sample survey regarding the activities of Kashmir University Teachers Association(KUTA).(2010)
9. A sample survey regarding the activities af Kashmir University Ministerial Staff Association (KUMSA).(2010)
10. On sample survey regarding the attitude of students towards statistics subject at higher secondary Level. (2009)

### **Evaluation Report Submitted**

Micro analysis of various centrally sponsored development scheme in Jammu and Kashmir State, submitted to Planning Commission of India, New Delhi.(Through population Research Centre, University of Kashmir)

1. Indra Awaas Yojana( IAY) 2005
2. Employment Assurence Scheme ( EAS) 2005
3. Swarnjayanti Gram Swarozgar Yojana.( SGSY) 2006
4. Integrated Child Development Services (ICDS)2006

## Resource Person

1. Delivered a lecture on the topic “Basic Statistics” in the 77th General Orientation course organized by UGC -Human Resources Development Centre, University of Kashmir. On 15-01-2018.
2. Resource person in Inter school level art competition/poetry. Organized by Adventure Partners, USA in collaboration with Facebook at University of Kashmir, 01 - 11-2017 to 01-06-2017
3. Chaired a session in UGC Sponsored National Seminar on Electronic Devices, Systems, and Information Security. Organized by Department of Electronics and Instrumentation Technology, University of Kashmir, Srinagar, 24 - 03-2017 to 25-03-2017
4. Training of key persons regarding “ statistical testing and its application in practical field. Organized by State Institute of Education, Bemina 08-07-2013.
5. Training of key persons regarding “ content enrichment and development of methodology in Mathematics at secondary level, State Institute of Education, Bemina 10-10-2012.
6. Delivered a lecture on the topic “Testing of hypotheses” in the Refresher course organized by Academic Staff College, University of Kashmir. Sept. 2012
7. Delivered a lecture on the topic “Describing Science data Using Statistical Software ” in the Refresher course organized by Academic Staff College, University of Kashmir. Sept. 2012
8. Delivered a lecture on the topic “Inferential Statistics Using Statistical Softwares ” in the Refresher course organized by Academic Staff College, University of Kashmir. Sept. 2012
9. Delivered a lecture on the topic “Various Statistical Tests ” in the Refresher course organized by Academic Staff College, University of Kashmir. Sept. 2012
10. Delivered a series of lectures on “Use of SPSS” at Institute of Management and Public Administration

## **Projects**

Evaluation of Indira Gandhi National Old Age Pension Scheme (IGNOAPS) under “Innovative Research Activities” head of UGC 12<sup>th</sup> plan.

## **Session Chair**

13<sup>th</sup> Session J&K Science Congress 2018, April (JKSC-2018) organized from 2<sup>nd</sup> to 4<sup>th</sup> April, 2018, by University of Kashmir in collaboration with the Jammu and Kashmir State Science, Technology, and Innovation Council, Srinagar, Jammu and Kashmir, India

## **Personnel Details**

Father's Name	:	Abdul Rashid Jan
Nationality	:	Indian
Sex	:	Male
Marital Status	:	Married.
Languages Known	:	English and Urdu.
Contact No.	:	+91-9622461403
Permanent Address	:	Malik Sahib Safakadal, Srinagar. Kashmir

**Dr. Tariq Rashid Jan**