

DR. ABDUR RAZZAQUE MUGHAL

House # 9A/2, Street # 8A, Ghousia Colony, Taj Deen Street, Fateh Garh, Lahore, Pakistan.

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OBJECTIVE:

To sincerely put forward my best efforts and hard work in teaching and research which provides me an opportunity to show my skills, enhance my knowledge and offer challenges as well as career growth.

ACADEMIC QUALIFICATION:

PhD (STATISTICS). 03-06-2018, University Utara Malaysia, Malaysia.

- ACADEMIC DISTINCTION

Awarded by School of Quantitative Sciences (2018), University Utara Malaysia, Malaysia.

TEACHING EXPERIENCE:

Assistant Professor (Statistics). Government College University, Lahore, Pakistan. (28-05-2019 to date)

- Total Experience (Pre & Post PhD) : 12 YEARS (HEC Recognized Universities)

RESEARCH PUBLICATIONS:

1. Tanveer, K., Mughal, A. R., Shahzadi, I., Albassam, M., & Aslam, M. (2024). Economical Group Chain Sampling Plans for Weibull Distribution Using Bayesian Approach. *Journal of Statistical Theory and Applications*. 23(2), 129-144.
2. Khan, M. Z , Khan, M. K., Aslam, M., & Mughal, A. R. (2022). A Study on Average Run Length of Fuzzy EWMA Control Chart. *Soft Computing*. 26, 9117-9124.
3. Khan, M. Z , Khan, M. K., Aslam, M., & Mughal, A. R. (2022). Fuzzy acceptance sampling plan for transmuted Weibull distribution. *Complex & Intelligent Systems*. 8, 4783-4795.
4. Mughal, A. R., Zain, Z., Aziz, N. (2021). Two-Sided and Modified Two-Sided Group Chain Sampling Plan for Pareto Distribution of the 2nd kind. *Journal of Prime Research in Mathematics*. 17(2), 115-121.
5. Khan, M. Z , Khan, M. K., Aslam, M., & Mughal, A. R. (2019). Design of Fuzzy Sampling Plan using the Birnbaum-Saunders Distribution. *New Challenges in Neutrosophic Theory and Applications*. 7(1), 1-9.
6. Khan, M. Z , Khan, M. K., Aslam, M., Niaki, S. T. A, & Mughal, A. R. (2018). A Fuzzy EWMA Attribute Control Chart to Monitor Process Mean. *Information*.9(12), 1-14.

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7. Aziz, N., **Mughal, A. R.**, Zain, Z., Haron, N. H. (2017). Generalized Modified Group Chain Sampling Plan based on Non-symmetrical Data. *International Journal of Supply Chain Management*, 6(4), 241-245.
 8. **Mughal, A. R.**, Zain, Z., Aziz, N. (2016). Generalized Group Chain Acceptance Sampling Plan based on Truncated Life Test. *Research Journal of Applied Sciences*, 11(12), 1470-1472.
 9. **Mughal, A. R.**, Zain, Z., Aziz, N. (2016). Time Truncated Efficient Testing Strategy for Pareto distribution of the 2nd kind using Weighted Poisson & Poisson distribution. *Sains Malaysiana*, 45(11), 1763-1772.
 10. **Mughal, A. R.**, Zain, Z., Aziz, N. (2015). Group Acceptance Sampling Plan for Pareto Distribution of the 2nd Kind Using Two-Sided Chain Sampling. *International Journal of Applied Engineering Research*, 10(16), 37240-37242.
 11. **Mughal, A. R.**, Zain, Z., Aziz, N. (2015). Time Truncated Generalized Chain Sampling Plan for Pareto Distribution of the 2nd Kind. *Research Journal of Applied Sciences, Engineering and Technology*, 11(3), 343-346.
 12. **Mughal, A. R.**, Zain, Z., Aziz, N. (2015). New Two-Sided Complete Group Chain Sampling Plan for Pareto Distribution of the 2nd Kind. *International Journal of Applied Engineering Research*, 10(12), 31855-31860.
 13. **Mughal, A. R.**, Zain, Z., Aziz, N. (2015). Economic Reliability GASP for Pareto Distribution of the 2nd Kind Using Poisson and Weighted Poisson distribution. *Research Journal of Applied Sciences*, 10(8), 306-310.
 14. **Mughal, A. R.**, Zain, Z., Aziz, N. (2015). Group Acceptance Sampling Plan for Re-Submitted Lots under Generalized Pareto Distribution. *Research Journal of Applied Sciences, Engineering and Technology*, 10(5), 599-606.
 15. **Mughal, A.R.**, Zain, Z. and Aziz, N. (2015). Time truncated group chain sampling strategy for pareto distribution of the 2nd kind. *Research Journal of Applied Sciences, Engineering and Technology*, 10(4), 471-474.
 16. **Mughal, A.R.** and Ismail, M. (2013). An economic reliability efficient group acceptance sampling plan for family Pareto distributions. *Research Journal of Applied Sciences, Engineering and Technology*. 24(6). 4646-4652.
 17. Hussain, J., **Mughal, A.R.**, Pervaiz, M.K. and Ali, U. (2012) A Hybrid Group Acceptance Sampling Plan for lifetimes having Generalized Pareto distribution. *Journal of Statistics*. (19). 30-41.
 18. **Mughal, A. R.** (2011). A Hybrid Economic Group Acceptance Sampling Plan for Exponential Lifetime Distribution. *Stochastics and Quality Control*. 26(2). 163-171.
 19. **Mughal, A. R.** and Aslam, M. (2011). Efficient Group Acceptance Sampling Plan for Family Pareto Distributions. *Continental Journal of Applied Sciences*. 6(3). 40-52.
 20. **Mughal, A. R.**, Hanif, M., Imran, A.A., Rafi, M. and Ahmed, M. (2011). Economic Reliability Two-Stage Group Sampling Plan for Truncated Life Test

21. Aslam, M., **Mughal, A.R.** and Ahmed, M., (2011). Comparison of GASP for Pareto distribution of the 2nd kind using Poisson & Weighted Poisson distribution. *International Journal of Quality & Reliability Management*. 28(8).867-884.
22. **Mughal, A.R.**, Hanif, M., Ahmed, M., and Rehman, A. (2011). Economic Reliability Acceptance Sampling Plans from Truncated Life Tests based on the Burr Type XII Percentiles. *Pakistan Journal of Commerce and Social Sciences*. 5(1).166-176.
23. Aslam, M., **Mughal, A.R.**, (2011). Economic Reliability group acceptance sampling plans using the Inverse-Rayleigh & Log-logistic distributions. *Stochastics and Quality Control*. 26(1).15-22.
24. Hussain, J., **Mughal, A.R.**, Pervaiz, M.K., Aslam, M., and Rehman, A. (2011). Economic Reliability Group Acceptance Sampling Plans for Lifetimes following a Generalized Exponential Distribution. *Electronic Journal of Applied Statistical Analysis*. 4 (2).124-130.
25. **Mughal, A. R.**, Shahzadi, A., Hanif, M. and Ali, U. (2010). Economic reliability group acceptance sampling plan for truncated life test having Weibull distribution. *Journal of statistics*.(17).66-76.
26. **Mughal, A.R.**, Aslam, M., Hussain, J., Rehman, A., (2010). Economic Reliability group Acceptance Sampling Plans for Lifetimes Following a Marshall-Olkin Extended Distribution. *Middle Eastern Finance and Economics*. 7, 87-93.
27. Aslam, M., **Mughal, A.R.**, Hanif, M., and Ahmed, M., (2010). Economic Reliability group acceptance sampling based on truncated life tests using Pareto distribution of the second kind. *Communication for Statistical Applications and Method*. 17 (5), 725-731.
28. Aslam, M., **Mughal, A.R.**, Ahmed, M., (2010). Group Acceptance sampling plan for lifetimes having Generalized Pareto distribution. *Pakistan Journal of Commerce and Social Sciences*. 4(2), 185-193.
29. Aslam, M., **Mughal, A.R.**, Ahmed, M., and Zafar yab (2009). Group acceptance sampling plan for Pareto distribution of the second kind. *Journal of Testing and Evaluation*. 38(2), 1-8.

STUDENT SUPERVISED (M.PHIL)

1. Yaseen Arbab (2017). "Economical group chain acceptance sapling plan based on several lifetime distribution"
2. Kinza Tanveer (2017). "Economical group chain sampling plans using Weibull distributions based on Bayesian approach".

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3. Abdul Muhammin (2018). “Analysis of ARIMA models for USA precious metals”
 4. Anisa Arif (2018). “Comparative analysis of transmuted Weibull distribution based on various group chain sampling plans”
 5. Sumbal Siddique (**Gold Medalist 2019**). “Comparative analysis of several generalized chain sampling plans based on group acceptance sampling”
 6. Sameia Abdul Malik (**Gold Medalist 2019**). “Family of group chain acceptance sampling plans based on Weibull distribution using minimum angle method”
 7. Ayesha Bakhtawar (2020). “Comparison of lifetime distributions based on resubmitted group acceptance sampling”
 8. Tanveer Bashir (2020). “Designing various acceptance sampling plans for maxwell Boltzmann distribution using minimum angle method”
 9. Aneela Umber (2020). “An economic design for group chain acceptance sampling plans using Weibull distribution”.
 10. Salayha Saleem (2025). “ An economical two-sided group chain sampling plan based on weibull distribution using Bayesian approach

CONFERENCE/SEMINAR ATTENDENCE:

1. Digital Health Symposium held on October 18th 2025, at LUMS, Lahore, Pakistan.
2. Leadership Training Program held on July 29th, 2025 at higher education advocacy and development, Lahore, Pakistan.
3. Introductory Data Management & Analysis Using Software Analysis using Software SPSS held at GCU, Lahore, Pakistan on Dec 18th, 2024
4. An Introduction to the EMDR by the expert held at GCU, Lahore, Pakistan on Oct, 23rd, 2023.
5. 3rd international Conference on Statistical Sciences with theme Data Analytics & Official Statistics for Good Governance held on October 18, 2023 at Government College University, Lahore. Pakistan.
6. Participated in “International Symposium on the Role of Statistics in Data Centric World” held at GCU, lahore, Pakistan on Feb 13th, 2023
7. Participated in “ All Pakistan Student’s Societies Summit” held at GCU, lahore, Pakistan on Dec, 4th -9th , 2022.
8. 2nd international Conference on Statistical Sciences held on March 9th -10th , 2022 held at Government College University, Lahore. Pakistan.
9. International Conference on Mathematical Modelling & Scientific Computing for Industrial Research held on Nov, 7th & 8th, 2022 held at ASSMS, Government College University, Lahore. Pakistan.

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10. Participated in workshop on “Statistical Methodologies in Biomedical Sciences” held at UVAS, Lahore, Pakistan on Nov, 24th & 25th, 2022.
 11. Participated in “All Pakistan Student’s Societies Summit” held at GCU, Lahore, Pakistan on March, 24th -28th, 2021.
 12. Attended workshop on “Outcome Based Education in Basic Sciences” held at Riphah International University, Islamabad, Pakistan on April 16, 2019.
 13. Strategic vision workshop held on Oct 20th, 2017 at Riphah International University, Islamabad, Pakistan.
 14. AHSQS Postgraduate 1st colloquium at UUM CAS, February 25-26, 2016 organized by Awang Had Salleh Graduate School of Arts and Sciences, Universiti Utara Malaysia. Malaysia.
 15. Workshop on “Mixed Method Research” Using SPSS, MAXQDA & NVIVO Software February 19-20, 2014 organized by Institute of research promotion, Lahore in collaboration with the University of Lahore. Pakistan
 16. Training on “Academic Planning and Management” held at the University of Lahore February 4-7, 2014. Pakistan
 17. Workshop on “Enhancement of Professional Competency for Teachers Workshop” organized by Lahore Garrison University, Lahore from June 17, 2013 to July 12, 2013. Pakistan
 18. 8th International Conference on Recent Advances in Statistics “Statistics, Biostatistics and Econometrics” held on February 2011, at National college of Business Administration & Economics, Lahore. Pakistan.
 19. 3rd International Conference on statistical sciences held on November 2010, at College of Statistical and Actuarial Science, University of the Punjab, Lahore, Pakistan
 20. 5th International Conference on statistical sciences held on January 2009, at National collage of Business Administration & Economics, Lahore. Pakistan
 21. Fourth International Conference on statistical sciences held on May 2008, at University of Gujrat, Pakistan.
 22. Workshop on “Use of Auxiliary Information in Survey Sampling” held on March 2008, at LUMS, Lahore, Pakistan.

EDITORIAL BOARD MEMBER:

1. Journal of Asian Business Strategy. Online ISSN: 2225-4226.
2. Independent Journal of Management & Production. Online ISSN: 2236-269X.

REFERENCE:

1. Prof. Dr. Babar Aziz

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2. Prof. Dr. Jamal Abdul Nasir

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