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Nasrullah Khan

Associate Professor

College of Statistics and Actuarial Sciences
University of The Punjab
Quaid-e-Azam Campus Lahore



Administrative Position in UVAS, Lahore (2015-2022)

Director Student's Affairs
Officer In-Charge
Secretary/ Member Synopsis Scrutiny Committee
Member House Allotment Committee
Member Canteen Committee
Security In- Charge
Department of Statistics
College of Veterinary and Animal science Jhang (Sub campus) University of
Veterinary and Animal Sciences Lahore, Pakistan

Research Gate Profile: <https://www.researchgate.net/profile/Nasrullah-Khan-4>

Google Scholar Profile:

https://scholar.google.com.pk/citations?hl=en&user=eJWhT6oAAAAJ&view_op=list_works&sortby=pubdate

Overview of Research Profile:

Total Citation	RGS- Score	h- Index	i10-Index	Total Impact Factor	W-Category Publication	Project Completed (Co-PI)
833	29.10	18	29	140.838	20	07

Quantile

	Q1	Q2	Q3	Q4	Non I.F	Total
All	6	21	19	11	15	72
Last 5 Years	4	19	14	9	10	56

TEACHING EXPERIENCE

Associate Professor University of the Punjab

31-05-2022 to date

Teaching at BS, M.Phil and Ph.D classes

Assistant Professor University of Veterinary and Animal Science, Lahore 11-06-2015-to 30-05-2022

Teaching DVM, M.Phil. And Ph.D. Classes

Lecturer F.G Degree college Lahore.

2010-to 2015

Teach inter and degree classes

PROFESSIONAL EXPERIENCE

Assistant Programmer

2007-2010

Develop Software related data processing, in visual basic and Cobol.

Statistical Assistant

2006-2007

Data Collection and report generation

Research Projects

Sr.#.	Funding Agency	National / International?	Project Title	Role
1	Deanship of Scientific Research, King Abdul Aziz University Jeddah	International	Quality Monitoring based on Generalized Statistics	Co-PI
2	Deanship of Scientific Research, King Abdul Aziz University Jeddah	International	Sudden Death Testing for Neutrosophic Statistics	Co-PI
3	Deanship of Scientific Research, King Abdul Aziz University Jeddah	International	Diagnostic Test under Generalized Statistics	Co-PI
4	Deanship of Scientific Research, King Abdul Aziz University Jeddah	International	Developments in Neutrosophic Statistics	Co-PI
5	Deanship of Scientific Research, King Abdul Aziz University Jeddah	International	Developments in methods to analyze Fuzzy Data	Co-PI
6	Deanship of Scientific Research, King Abdul Aziz University Jeddah	International	Charting in Neutrosophic Data	Co-PI
7	Deanship of Scientific Research, King Abdul Aziz University Jeddah	International	Inspection based on Generalized Statistics	Co-PI

Book Chapter

1. Aslam, M., Khan, K., & Khan, N. (2021). Monitoring Patients Blood Level through Enhanced. *Optimal Decision Making in Operations Research and Statistics: Methodologies and Applications*, 59.

2. Khan, N., Ahmad, L., Azam, M., Aslam, M., & Smarandache, F. (2021). Control Chart for Monitoring Variation Using Multiple Dependent State Sampling Under Neutrosophic Statistics. In *Neutrosophic Operational Research* (pp. 55-70). Springer, Cham.

RESEARCH PUBLICATION

2022
1. AL-Marshadi, Ali Hussein; Aslam, Muhammad; Alharbey, Abdullah Hamoud; Khan, Nasrullah ; Ahmad, Liaquat; (2022), "Monitoring customer complaints using the repetitive sampling"; <i>Communications in Statistics-Theory and Methods</i> :(), 313-327 I.F.=0.893
2. Saleem, Muhammad, Nasrullah Khan, and Muhammad Aslam. "Monitoring Betaine Using Interval Time Between Events Control Chart." <i>Frontiers in Nutrition</i> 9 (2022).
2021
3. Naveed, Muhammad; Azam, Muhammad; Saeed, Muhammad; Khan, Nasrullah ; Aslam, Muhammad; (2021), "Sampling plans using extended EWMA statistic with and without auxiliary information"; <i>Kuwait Journal of Science</i> :(), I.F.=0.5
4. Khan, Nasrullah ; Ahmad, Liaquat; Rao, G Srinivasa; Aslam, Muhammad; AL-Marshadi, Ali Hussein; (2021), "A New X-bar Control Chart for Multiple Dependent State Sampling Using Neutrosophic Exponentially Weighted Moving Average Statistics with Application to Monitoring Road Accidents and Road Injuries"; <i>International Journal of Computational Intelligence Systems</i> :(), 44572 I.F.=1.736
5. Khan, Nasrullah ; Arshad, Asma; Azam, Muhammad; Al-marshadi, Ali Hussein; Aslam, Muhammad; (2021), "Modelling and Forecasting the Total Number of Cases and Deaths Due to Pandemic"; <i>Journal of medical virology</i> :(), I.F.=2.327
6. Aslam, Muhammad; Balamurali, Saminathan; Periyasamyandian, Jeyadurga; Khan, Nasrullah ; (2021), "Designing of an attribute control chart based on modified multiple dependent state sampling using accelerated life test under Weibull distribution"; <i>Communications in Statistics-Simulation and Computation</i> :50(3), 902-916 I.F.=1.118
7. Naveed, Muhammad; Azam, Muhammad; Khan, Nasrullah ; Aslam, Muhammad; Albassam, Mohammed; (2021), "Designing of control chart of extended EWMA statistic using repetitive sampling scheme"; <i>Ain Shams Engineering Journal</i> :12(1), 1049-1058 I.F.=3.18
8. Aslam, Muhammad; Khan, Nasrullah ; (2021), "Normality Test of Temperature in Jeddah City Using Cochran's Test Under Indeterminacy"; <i>MAPAN</i> :(), 44206 I.F.=1.009
9. Albassam, Mohammed; Khan, Nasrullah ; Aslam, Muhammad; (2021), "Neutrosophic D'Agostino Test of Normality: An Application to Water Data"; <i>Journal of Mathematics</i> :2021(), I.F.=0.971
10. Khan, Nasrullah ; Nawaz, Muhammad S; Sherwani, Rehan AK; Aslam, Muhammad; (2021), "Moving average EWMA chart for the Weibull distribution"; <i>Communications in Statistics-Simulation and Computation</i> :(), 44206 I.F.=1.118
11. Aslam, Muhammad; Bantan, Rashad AR; Khan, Nasrullah ; (2021), "Design of tests for mean and variance under complexity-an application to rock measurement data"; <i>Measurement</i> :177(), 109312 I.F.=3.927
12. Khan, Nasrullah ; Aslam, Muhammad; Arshad, Asma; Shafqat, Ambreen; (2021), "Tracking Temperature Under Uncertainty Using EWMA-MA Control Chart"; <i>MAPAN</i> :(), 44208 I.F.=1.009
13. Arshad, Rabia; Mahmood, Yasar; Aslam, Muhammad; Khan, Hina; Khan, Nasrullah ; Sakran, Naufil; (2021), "Cost model of variable multiple dependent state sampling plan with rectifying inspection"; <i>Communications in Statistics-Simulation and Computation</i> :(), 44212 I.F.=1.118
14. Khan, Nasrullah ; Aslam, Muhammad; Lee, Hyeseon; Ahmad, Liaquat; Jun, Chi-Hyuck; (2021), "Improving the efficiency of various Shewhart control charts"; <i>Journal of Statistics and</i>

Management Systems:(),44212 I.F.=
15. Aslam, Muhammad; Rao, G Srinivasa; Khan, Nasrullah ; (), "Single-stage and two-stage total failure-based group-sampling plans for the Weibull distribution under neutrosophic statistics";Complex & Intelligent Systems:(), I.F.=4.927
2020
16. Naveed, Muhammad; Azam, Muhammad; Khan, Nasrullah ; Aslam, Muhammad; Albassam, Mohammed; (2020), "Designing of control chart of extended EWMA statistic using repetitive sampling scheme";Ain Shams Engineering Journal:12(1)(1),1049-1058 I.F.=1.949
17. AL-Marshadi, Ali Hussein; Aslam, Muhammad; Alharbey, Abdullah Hamoud; Khan, Nasrullah ; Ahmad, Liaquat; (2020), "Monitoring customer complaints using the repetitive sampling";Communications in Statistics-Theory and Methods:(),43845 I.F.=0.893
18. Albassam, Mohammed; Khan, Nasrullah ; Aslam, Muhammad; (2020), "The W/S test for data having neutrosophic numbers: An application to USA village population";Complexity:2020(1),8 I.F.=2.833
19. Naveed, Muhammad; Azam, Muhammad; Khan, Nasrullah ; Aslam, Muhammad; (2020), "Designing a control chart of extended EWMA statistic based on multiple dependent state sampling";Journal of Applied Statistics:47(8),1482-1492 I.F.=1.404
20. Shabbir, Navara; Khan, Nasrullah ; Riaz, Afshan; (2020), "Hybrid Exponentially Weighted Moving Average Control Chart for Mean Using Different Ranked Set Sampling Schemes";Kuwait Journal of Science:47(4), I.F.=0.948
21. Aslam, Muhammad; Bantan, Rashad AR; Khan, Nasrullah ; (2020), "Design of NEWMA np control chart for monitoring neutrosophic nonconforming items";SOFT COMPUTING:24(),16617-16626 I.F.=3.643
2019
22. Aslam, Muhammad; Balamurali, Saminathan; Periyasamyandian, Jeyadurga; Khan, Nasrullah ; (2019), "Designing of an attribute control chart based on modified multiple dependent state sampling using accelerated life test under Weibull distribution";Communications in Statistics-Simulation and Computation:50(3)(),902-916 I.F.=1.118
23. Aslam, Muhammad; Rao, Gadde Srinivasa; Khan, Nasrullah ; Ahmad, Liaquat; (2019), "Two-stage sampling plan using process loss index under neutrosophic statistics";Communications in Statistics-Simulation and Computation:(),43841 I.F.=1.118
24. Khan, Nasrullah ; Aslam, Muhammad; Ahmad, Liaquat; Jun, Chi-Hyuck; (2019), "Multiple dependent state repetitive sampling plans with or without auxiliary variable";Communications in Statistics-Simulation and Computation:48(4),1055-1069 I.F.=1.118
25. Aslam, Muhammad; Bantan, Rashad AR; Khan, Nasrullah ; (2019), "Design of a control chart for gamma distributed variables under the indeterminate environment";IEEE Access:7(),8858-8864 I.F.=3.367
26. Aslam, Muhammad; Bantan, Rashad AR; Khan, Nasrullah ; (2019), "Design of X-Bar Control Chart Using Multiple Dependent State Sampling Under Indeterminacy Environment";IEEE Access:7(),152233-152242 I.F.=3.367
27. Aslam, Muhammad; Bantan, Rashad AR; Khan, Nasrullah ; (2019), "Design of a new attribute control chart under neutrosophic statistics";International Journal of Fuzzy Systems:21(2),433-440 I.F.=4.673
28. Aslam, Muhammad; Khan, Nasrullah ; (2019), "A new variable control chart using neutrosophic interval method-an application to automobile industry";Journal of Intelligent & Fuzzy Systems:36(3),2615-2623 I.F.=
29. Khan, Nasrullah ; Aslam, Muhammad; (2019), "Design of an EWMA adaptive control chart using MDS sampling";Journal of Statistics and Management Systems:22(3),535-555 I.F.=0
30. Aslam, Muhammad; AL-Marshadi, Ali Hussein; Khan, Nasrullah ; (2019), "A New X-Bar Control Chart for Using Neutrosophic Exponentially Weighted Moving Average";Mathematics:7(10),957 I.F.=2.257

31. Aslam, Muhammad; Bantan, Rashad AR; Khan, Nasrullah ; (2019), "Monitoring the Process Based on Belief Statistic for Neutrosophic Gamma Distributed Product";Processes:7(4),209 I.F.=2.847
32. Aslam, Muhammad; Bantan, Rashad AR; Khan, Nasrullah ; (2019), "Design of S2N—NEWMA Control Chart for Monitoring Process having Indeterminate Production Data";Processes:7(10),742 I.F.=2.847
33. Khan, Nasrullah ; Aslam, Muhammad; Raza, Syed Muhammad Muslim; Jun, Chi-Hyuck; (2019), "A new variable control chart under failure-censored reliability tests for Weibull distribution";Quality and Reliability Engineering International:35(2),572-581 I.F.=2.885
34. Aslam, Muhammad; Khan, Nasrullah ; Albassam, Mohammed; (2019), "Shewhart Attribute and Variable Control Charts Using Modified Multiple Dependent State Sampling";Symmetry:11(1),53 I.F.=2.713
35. Aslam, Muhammad; Khan, Nasrullah ; Al-Marshadi, Ali Hussein; (2019), "Design of Variable Sampling Plan for Pareto Distribution Using Neutrosophic Statistical Interval Method";Symmetry:11(1),80 I.F.=2.713
36. Aslam, Muhammad; Rao, Gadde Srinivasa; Khan, Nasrullah ; Al-Abbasi, Fahad A; (2019), "EWMA control chart using repetitive sampling for monitoring blood glucose levels in type-II diabetes patients";Symmetry:11(1),57 I.F.=2.713
2018
37. Khan, Nasrullah ; Aslam, Muhammad; Jun, Chi-Hyuck; Hussain, Jaffer; (2018), "Design of acceptance sampling plan using a modified EWMA statistic";Communications in Statistics-Theory and Methods:47(12),2881-2891 I.F.=0.893
38. Aldosari, Mansour Sattam; Aslam, Muhammad; Khan, Nasrullah ; Ahmad, Liaquat; Jun, Chi-Hyuck; (2018), "A new S 2 control chart using multiple dependent state repetitive sampling";IEEE Access:6(),49224-49236 I.F.=3.367
39. Khan, Nasrullah ; Aslam, Muhammad; Aldosari, Mansour Sattam; Jun, Chi-Hyuck; (2018), "A multivariate control chart for monitoring several exponential quality characteristics using EWMA";IEEE Access:6(),70349-70358 I.F.=3.367
40. Khan, Nasrullah ; Srinivasa Rao, G; Aslam, Muhammad; (2018), "Design of chart for a Birnbaum Saunders distribution under accelerated hybrid censoring";Journal of Statistics and Management Systems:21(8),1419-1432 I.F.=0
41. Khan, Nasrullah ; Yasmin, Talat; Aslam, Muhammad; Jun, C-H; (2018), "On the performance of modified EWMA charts using resampling schemes";Operations Research and Decisions:28(3),29-43 I.F.=0
42. Arshad, Muhammad; Bano, Ijaz; Khan, Nasrullah ; Shahzad, Mirza Imran; Younus, Muhammad; Abbas, Mazhar; Iqbal, Munawar; (2018), "Electricity generation from biogas of poultry waste: An assessment of potential and feasibility in Pakistan";Renewable and Sustainable Energy Reviews:81(),1241-1246 I.F.=14.982
43. Aldosari, Mansour Sattam; Aslam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2018), "Design of a New Variable Shewhart Control Chart Using Multiple Dependent State Repetitive Sampling";Symmetry:10(11),641 I.F.=2.713
44. Aslam, Muhammad; Khan, Nasrullah ; Albassam, Mohammed; (2018), "Control chart for failure-censored reliability tests under uncertainty environment";Symmetry:10(12),690 I.F.=2.713
45. Aslam, Muhammad; Khan, Nasrullah ; Khan, Muhammad Zahir; (2018), "Monitoring the variability in the process using neutrosophic statistical interval method";Symmetry:10(11),562 I.F.=2.713
46. Khan, Nasrullah ; Aslam, Muhammad; Khan, Muhammad Zahir; Jun, Chi-Hyuck; (2018), "A Variable Control Chart under the Truncated Life Test for a Weibull Distribution";Technologies:6(2),55 I.F.=0
47. Naveed, Muhammad; Azam, Muhamma; Khan, Nasrullah ; Aslam, Muhammad; (2018), "Design of a control chart using extended EWMA statistic";Technologies:6(4),108 I.F.=0
48. Aslam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2018), "A hybrid exponentially weighted

moving average chart for COM-Poisson distribution";Transactions of the Institute of Measurement and Control:40(2),456-461 I.F.=1.796
2017
49. Aslam, Muhammad; Khan, Nasrullah ; Arif, Osama H; (2017), "The EWMA moving average control chart for exponential distribution using multiple dependent state sampling";Advances and Applications in Statistics:50(1),51 I.F.=0
50. Aslam, Muhammad; Gui, Wenhao; Khan, Nasrullah ; Jun, Chi-Hyuck; (2017), "Double moving average–EWMA control chart for exponentially distributed quality";Communications in Statistics-Simulation and Computation:46(9),7351-7364 I.F.=1.118
51. Aslam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2017), "Designing of a control chart using belief statistic for exponential distribution";Communications in Statistics-Simulation and Computation:46(5),3781-3793 I.F.=1.118
52. Aslam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2017), "Design of Control Chart for Processes with Multiple Independent Manufacturing Lines";Iranian Journal of Science and Technology, Transactions A: Science:41(4),901-908 I.F.=1.194
53. Aslam, Muhammad; Wang, Fu-Kwun; Khan, Nasrullah ; Jun, Chi-Hyuck; (2017), "A multiple dependent state repetitive sampling plan for linear profiles";Journal of the operational research society:(),43838 I.F.=2.86
54. Khan, Nasrullah ; Aslam, Muhammad; Kim, K-J; Jun, C-H; (2017), "A mixed control chart adapted to the truncated life test based on the Weibull distribution";Operations Research and Decisions:27(), I.F.=0
55. Khan, Nasrullah ; Aslam, Muhammad; Ahmad, Liaquat; Jun, Chi-Hyuck; (2017), "A control chart for gamma distributed variables using repetitive sampling scheme";Pakistan Journal of Statistics and Operation Research:13(1),47-61 I.F.=0
56. Khan, Nasrullah ; Aslam, Muhammad; Jun, Chi-Hyuck; (2017), "Design of a control chart using a modified EWMA statistic";Quality and Reliability Engineering International:33(5),1095-1104 I.F.=2.885
57. Aslam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2017), "Group SkSP-R sampling plan for accelerated life tests";Sādhanā:42(10),1783-1791 I.F.=1.188
58. Aslam, Muhammad; Khan, N; Ahmad, Liaquat; Jun, Chi-Hyuck; Hussain, Jaffer; (2017), "A mixed control chart using process capability index";Sequential Analysis:36(2),278-289 I.F.=0.927
2016
59. Aslam, Muhammad; Khan, Nasrullah ; Aldosari, Mansour Sattam; Jun, Chi-Hyuck; (2016), "Mixed control charts using EWMA statistics";IEEE Access:4(),8286-8293 I.F.=3.367
60. Dobbah, Saeed Ahmad; Hafeez, Amna; Aslam, Muhammad; Khan, Nasrullah ; Khan, Khushnoor; (2016), "Mixed multiple dependent state sampling plan using exponentially weighted moving average";Journal of Computational and Theoretical Nanoscience:13(3),1649-1655 I.F.=0
61. Aslam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2016), "A control chart for time truncated life tests using Pareto distribution of second kind";Journal of statistical computation and simulation:86(11),2113-2122 I.F.=1.424
62. Aslam, Muhammad; Khan, Nasrullah ; Azam, Muhammad; (2016), "X-bar control charts for non-normal correlated data under repetitive sampling";Journal of Testing and Evaluation:44(4),1756-1767 I.F.=1.264
63. Aslam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2016), "A control chart using belief information for a gamma distribution";Operations Research and Decisions:26(4), 5-19 I.F.=0
64. Khan, Nasrullah ; Aslam, Muhammad; Jun, Chi-Hyuck; (2016), "A EWMA control chart for exponential distributed quality based on moving average statistics";Quality and Reliability Engineering International:32(3),1179-1190 I.F.=2.885
2015
65. Aslam, Muhammad; Khan, Nasrullah ; Khan, Hina; (2015), "SkSP-V Acceptance sampling plan based

on process capability index";Chiang Mai Journal of Science:42(1),258-267 I.F.=0.524
66. Aslam, Muhammad; Azam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2015),"A mixed control chart to monitor the process";International Journal of Production Research:53(15),4684-4693 I.F.=8.568
67. Aslam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2015),"A new S 2 control chart using repetitive sampling";Journal of Applied Statistics:42(11),2485-2496 I.F.=1.031
68. Aslam, Muhammad; Khan, Nasrullah ; Ahmad, Nisar; Jun, Chi-Hyuck; (2015),"Resubmitted sampling inspection plan for exponentiated Weibull distribution";Journal of Testing and Evaluation:43(3),622-628 I.F.=1.264
69. Aslam, Muhammad; Azam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2015),"A control chart for an exponential distribution using multiple dependent state sampling";Quality & Quantity:49(2),455-462 I.F.=0
2014
70. Aslam, Muhammad; Khan, Nasrullah ; Azam, Muhammad; Jun, Chi-Hyuck; (2014),"Designing of a new monitoring t-chart using repetitive sampling";Information sciences:269(),210-216 I.F.=6.795
71. Aslam, Muhammad; Rao, G Srinivasa; Khan, Nasrullah ; Jun, Chi-Hyuck; (2014),"SkSP-V sampling plan for the exponentiated Weibull distribution";Journal of Testing and Evaluation:42(3),687-694 I.F.=1.264
72. Aslam, Muhammad; Khan, Nasrullah ; Jun, Chi-Hyuck; (2014),"A multiple dependent state control chart based on double control limits";Research Journal of Applied Sciences, Engineering and Technology:7(21),4490-4493 I.F.=0
2013
73. Aslam, Muhammad; Khan, Nasrullah ; Azam, Muhammad; (2013),"Re-submitted Chain ChSP-4 (c 1, c 2) Sampling Plan.";Caspian Journal of Applied Sciences Research:2(3), I.F.=0

International Conferences paper:

1. Ahmad, Liaquat; Aslam, Muhammad; **Khan, Nasrullah**; Jun, Chi-Hyuck; (2017),"Double moving average control chart for exponential distributed life using EWMA";AIP Conference Proceedings:1905(1),50003
2. **Khan, Nasrullah**; Mehmood Madia; Aslam, Muhammad; A Variable Sampling Plan Using Simple Linear Profiles under Repetitive Sampling Scheme Conference: 14th ISLAMIC COUNTRIES CONFERENCE ON STATISTICAL AND ALLIED SCIENCES (ICCS-14) At: December 12-15, 2016 at National College of Business Administration and Economics, Sub-Campus, Multan. Volume: 30, Page 239-248
3. **Khan, Nasrullah**; Azam, Muhammad; Ahmad, Liaquat; Aslam, Muhammad; Ahmad, Munir; (2016),"Developing a sensitive non-parametric control chart under the repetitive sampling scheme";Proc. 14th Int. Conf. Stat. Sci.:(),257-278
4. Aslam, Muhammad, Muhammad Azam, **Nasrullah Khan**, and Munir Ahmad. "DECISION RULE OF ACCEPTANCE USING IMPROVED TWO-STAGE PLANS FOR THE WEIBULL DISTRIBUTION." In *9th International Conference on Statistical Sciences*, p. 257. 2012
5. **Khan, Nasrullah**; Aslam, Muhammad; "Lot Inspection for the Inverse Gaussian distribution Based on RRun Length of Conforming Items" In *13th International Conference on Statistical Sciences at Islamia College Peshawar on 16-18 March 2015*.
6. **Khan, Nasrullah**; Aslam, Muhammad; "Estimation of optimal Parameters of Skip-3 Plan Based on Process Capability Index(Cpk)" In *13th International Conference on Statistical Sciences at Islamia College Peshawar on 16-18 March 2015*.

Trainings and Workshops:

1. “Tidyverse for Data Science” organized by American Statistical association and Punjab Bureau of Statistics from 15-20 July 2019
2. “ Constructive Alignment of Teaching Learning Context” organized by In- Service Training of advance Veterinary Education and professional Development (IVPD), UVAS, Lahore from 18-20 March 2019.
3. “Cancer Awareness Seminar and Effective Presentation Skills” organized by Character Building society at CVAS, Jhang on 3rd April 2019.
4. “Basic First Aid Training” organized by Pakistan Red Crescent provincial branch from 07-08 February 2018.
5. “Cascading of In-Service Short Term Training of College Faculty” organized by CVAS, Jhang from 8-12 August 2016.
6. “Research Methodologies Using Statistical Techniques In biological Science” organized by Faculty of Life Sciences & Business Management, UVAS Lahore from 17-23 December 2015.
7. “Training Course on SPSS” organized by Ministry of Economic affairs and Statistics from 16-21 June 2009.

Presentations:

1. How to do Quality Research: Seminar on 25 August 2016 at CVAS, Jhang
2. Developing a sensitive Non-Parametric Control Chart under Repetitive Sampling Scheme in 14th International conference at JSMU, Karachi.
3. Lot inspection for the inverse Gaussian Distribution based on Run Lengths of Conforming Items in 13th International conference on Statistical Sciences at Islamia College Peshawar.
4. Estimation of optimal parameters of skip-3 plan based on process capability index (C_{pk}) in 13th International conference on Statistical Sciences at Islamia College Peshawar.
5. Group sampling plan for Weibull Distribution in 9th international conference on Statistical Sciences at NCBA&E, Lahore.

Programming Skills

1. R Language
2. Visual Basic
3. Fortran
4. C/C++
5. Cobol

Statistical Packages

1. Statistical Package for Social Sciences (SPSS)
2. Mathematica
3. Graphpad Prism
4. Microsoft Office (Excel)

Reviewer of Journals:

1. Transactions of the Institute of Measurement and Control.
2. Journal of Testing and Evaluation
3. Journal of Statistics GCU, Lahore
4. Journal of Quality and Reliability
5. *Quality And Reliability Engineering*
6. *IEEE Access*
7. Journal of Applied Statistics