

NADIA SAEED

Email: nadia.stat@pu.edu.pk

Professional Address:

College of Statistical and Actuarial
Sciences,
University of the Punjab, Lahore

PERSONAL INFORMATION

Designation: Assistant professor

Nationality: Pakistani

EDUCATION

Degree/ Certificate	Year of Passing	Board/ University
<i>M. Phil.</i> (Statistics)	2004	GC University, Lahore
<i>M. Sc.</i> (Statistics)	2002	Punjab University, Lahore
<i>Graduation</i> (Lahore College for Women)	2000	Punjab University, Lahore
<i>Intermediate</i> (Lahore College for Women)	1998	Board of Intermediate and Secondary Education, Lahore
<i>Matriculation</i> (WAPDA High School)	1996	Board of Intermediate and Secondary Education, Lahore

PROFESSIONAL EXPERIENCE

Year	Description
Sep 08, 2003 to Aug 31, 2006	Teaching Assistant (On Contract), Department of Statistics, GC University, Lahore
Sep 01, 2006 to June 02, 2010	Lecturer Statistics (On Contract), GC University, Lahore
June 10, 2010 to Nov. 25, 2011	Lecturer (Regular) in College of Statistical and Actuarial Sciences, University of the Punjab, Lahore
Nov. 26, 2011 to date	Assistant Professor in Statistics (Regular), College of Statistical and Actuarial Sciences, University of the Punjab, Lahore

**M.PHIL THESES
SUPERVISION**

Sr.#	Name	Year	Topic of Research
1	Muhammad Anwar	2008	Six-sigma Methodology as a Problem Solving Technique applied in Sui Northern Gas Pipelines Limited (SNGPL) for Saving Financial Loss due to Leakage in Gas
2	Muhammad Shoaib	2010	Group acceptance sampling plans for Generalized log-logistic and Burr type XII distribution using percentiles
3	Faryal Shabbir	2010	Statistical Study on Identifying and Examining the Risk Factors Contributing towards the Childhood Blindness in Pakistan
4	Awais Inayat	2010	A Comparative Study of Water Quality Based on Industrial and Non Industrial Cities (Sialkot and Narowal) of Pakistan
5	Mehwish Rabia	2014	Reliability and sensitivity comparisons and average run lengths of CUSUM chart for variance using single observation ($n=1$) and rational subgroups ($n>1$)
6	Attia Tofeeq	2014	Comparison of confidence intervals based on the difference of two Poisson rates with its application
7	Ghausia Islam	2015	A study based on the assessment of quality of life of Hemodialysis patients in Lahore
8	Aneela Zafar	2015	Group acceptance sampling plans for truncated life tests based on Gompertz & Exponential Extension distributions
9	Uzma Tariq	2016	Modified ratio estimators for estimating the population mean
10	Amina Tanveer	2016	Skip lot acceptance sampling plans (SkGSP-V) based on truncated life test under Frechet and Dagum distributions
11	Mishal Waseem	2016	The efficiency comparison and application of Rhombus Ranked Set Sampling
12	Sidra Sabir	2017	Time truncated chain sampling plans based on Transmuted Exponential and Exponential Lomax distributions
13	Majid Liaqat	2017	A group chain acceptance sampling plan under various distributions with minimum angle approach
14	Amber Hanif	2018	Group acceptance sampling plans for truncated life test based on Lomax Extended Weibull and Half-Logistic Lomax distributions
15	Rabia Ashraf	2019	Optimal design of multiple dependent state repetitive group sampling plan for Inverse Power Lomax distribution

	16	Amber Yousaf Dar	2019	Alternative ratio estimators of population mean in simple random sampling
RESEARCH INTEREST	Areas of interest: <ul style="list-style-type: none"> • Statistical Quality Control • Social Survey with Applied Statistics 			
PUBLICATIONS	<ol style="list-style-type: none"> i. Saeed N., Pervaiz K. and Shah G.H. 2005. Effect of questionnaire, cover letter and follow-up on non-response in e-mail assisted internet survey in Pakistan. <i>European Journal of Scientific Research</i>, 3(2): 13-23. ii. Saeed N., Pervaiz K. and Shahbaz M.Q. 2006. Determination of sample size. <i>European Journal of Scientific Research</i>, 14(3): 319-325. iii. Inayat A. and Saeed N. 2009. Student's perception about the characteristics of a teacher motivating him to attend his/her classes with Interest. <i>Science International Lahore</i>, 21(1): 69-72 iv. Mughal M. A., Saeed N. and Pervaiz M. K. 2009. Six sigma methodology as a problem solving technique. <i>Journal of Quality and Technology Management</i>, 5(2): 35-45. v. Aslam M., Shoaib M., Jun C. and Saeed N. 2011. Time truncated group acceptance sampling plans for lifetime percentiles under generalized log-logistic distribution. <i>International Journal of Current Research and Review</i>, 3(11): 23-35. vi. Shah G. H, Shabbir F, Saeed N. and Kamal S. 2013. Risk factors for childhood blindness in Punjab, Pakistan. <i>European Journal of Scientific Research</i>, 98(4): 569-579. vii. Saeed N. and Kamal S. 2014. The bootstrap S-chart for process variability: an alternative to MAD chart. <i>Journal of Quality and Technology Management</i>, Vol. 10(2), 81-96. viii. Saeed N. and Kamal S. 2016. The EWMA control chart based on robust scale estimators. <i>Pakistan Journal of Statistics and Operation Research</i>, Vol. 12(4), 659-672. ix. Saeed, N. and Kamal, S. 2019. New EWMA control charts for monitoring mean under non-normal processes using repetitive sampling. <i>Iranian Journal of Science and Technology-Transactions A, Science</i>, 43(3):1215–1225. x. Rabia M, Saeed N. and Aslam M. 2019. Reliability and sensitivity comparisons and average run lengths of CUSUM scale chart, <i>Communications in Statistics - Theory and Methods</i>, 48:9, 2147-2162. 			
SELECTED PROFESSIONAL PRESENTATIONS	Training Courses, Seminars and Workshops <ul style="list-style-type: none"> • In-service Teachers' Training Program (Sep, 2005-May, 2006) organized by Human Resource Development Centre (HRDC), GC University Lahore. • A Six-week course on Stochastic Processes (June 12-July 20, 2006) organized by Department of Statistics, GC University, Lahore, (Resource Person: Dr. Muhammad Kazim Khan, Kent State University, Ohio, USA). • Workshop on Recent Developments in Survey Sampling (August 26-27, 2006), organized by Centre of Advance Studies in Mathematics, Lahore University of Management Sciences (LUMS). • Workshop on Professional Development Program (March 26-31, 2007) organized by GC University 			

		<p>in collaboration with the Learning Innovation Division of Higher education Commission (HEC).</p> <ul style="list-style-type: none"> • Indigenous On-Campus Training Program (December 15-19, 2014) organized by Punjab University in collaboration with Higher education Commission (HEC). • Seminar on Innovative Skill (Nov. 19, 2015) arranged by CSAS; Resource Person: Omayer Arshad (Principal Consultant of OCTAPULT collaborative innovations). • Seminar on Big Data Analysis (Dec. 04, 2015) arranged by CSAS; Resource Person: Dr. Syed Ejaz Ahmad, Professor at Brock University, Canada. • Workshop on PU evaluation in academic R & D-impact, interest & context, special seminar on “Thomson Reuters acknowledges PU’s research progress” (Nov16, 2016) arranged by Punjab University; Resource Person: Mr Iulian Herciu, (Key Account Manager for Kuwait, Qatar, UAE, Oman and Pakistan, Thomson Reuters). • Attended one week seminars on awareness about importance & scope of Statistics education among secondary standard school children” (May 15-18, 2017) organized under social integration outreach program (SIOP) by HEC and CSAS, PU, Lahore. • Attended a training session on “Countering Violent Extremism Orientation” (Sep. 12, 2017) organized by University of the Punjab, Lahore and Center for Health and Gender Equality (CHANGE). • Attended a seminar on “Breast Cancer Awareness” (Oct. 25, 2017) organized by CSAS, University of the Punjab, Lahore in collaboration with Pink Ribbon Organization. • Attended a seminar on “Traffic awareness and road safety measures” (Nov. 22, 2017) organized by CSAS, University of the Punjab, Lahore in collaboration with Lahore traffic police. • Attended a seminar on “Awareness on peace promotion” (Dec. 06, 2017) organized by CSAS in collaboration with Center for Health and Gender Equality (CHANGE), University of the Punjab, Lahore. • Attended a seminar on “Awareness and Prevention of Thalassemia” (April. 19, 2018) organized by CSAS, University of the Punjab, Lahore in collaboration with Kashif Iqbal Thalassemia Care Center (KITCC).
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	<p>Lectures Delivered</p>	<ul style="list-style-type: none"> • Delivered Lecture as a Resource Person on “Determination of Sample Size” in Six-days in-service Teacher’s Training Program (April 17-22, 2006) organized by Department of Statistics, GC University, Lahore in the with the collaboration of Higher Education Commission (HEC). • Delivered Lecture as a Resource Person on “Questionnaire Design” in four days workshop (February 25-28, 2008) organized by Department of Economics, GC University, Lahore. • Delivered two Lectures as a Resource Person on “Scope of Statistics” in one week seminars on awareness about importance & scope of Statistics education among secondary standard school children” (May 16-17, 2017) organized under social integration outreach program (SIOP) by HEC and CSAS, PU, Lahore. • Delivered Lecture as a Resource Person on “Robust Univariate Control Charts in SPC” in a seminar (April 11, 2018) organized by CSAS, PU, Lahore.
	<p>Conferences & Symposiums Attended</p>	<ul style="list-style-type: none"> • First National Conference on Statistics (October 2003), organized by Department of Statistics, GC University Lahore. • First International Conference on Statistics & Operations Research (April 3-5, 2006) organized by Institute of Statistics, University of the Punjab, Lahore. • International Conference on Statistical data Produced and Applications of Statistics (2007) organized by College of Statistical and Actuarial Sciences in collaboration of Higher Education Commission (HEC) and Pakistan Science Foundation. • International Conference on Statistical Sciences with special to Survival Data Analysis (November 7-8, 2007), organized by Department of Statistics, GC University Lahore in collaboration of Higher Education Commission (HEC) and Pakistan Science Foundation. • One Day Symposium on Mathematical Statistics & Real Data Analysis (November 01, 2008) organized by Department of Statistics, Lahore College for Women University, Lahore in collaboration with HEC, Pakistan. • 3rd International Conference on Statistical Sciences

		(November 25-27, 2010), organized by College of Statistical & Actuarial Sciences, Punjab University Lahore in collaboration of Higher Education Commission (HEC) and Pakistan Science Foundation.
PROFESSIONAL MEMBERSHIPS		<ul style="list-style-type: none"> • Member Pakistan Statistical Association (PSA). • Member Old Ravian Union (ORU), GC University Lahore.
COMPUTER SKILLS		<ul style="list-style-type: none"> • Microsoft Word • SPSS • Mathematica • R Language
DISTINCTIONS		<ul style="list-style-type: none"> • Secured A+ Grade and overall top position in school throughout ten years of schooling. • Secured highest CGPA and overall top position in MPhil.