

CURRICULUM VITA

Dr. Ahmad Saeed Akhter
Professor of Statistics

Name: Prof. Dr. Ahmad Saeed Akhter
Date of Birth: 02.08.1952
Current Address: Professor,
College of Statistical and Actuarial Sciences
University of the Punjab, Quaid-i-Azam Campus
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Educational Background:

Year	Degree/Diploma	Institution	Major
1969	Matriculation	Multan Board	Science & Drawing
1971	F.Sc.	Multan Board	Non-Medical
1973	B.Sc.	University of the Punjab	Math A & B, Statistics
1977	M.Sc.	University of the Punjab	Statistics
1987	Ph.D.	University of Essex, U.K.	Statistics

Professional Experience:

Year	Title	Institution
08-10-2003 to date	Professor	College of Statistical and Actuarial Sciences, University of the Punjab Quaid-i-Azam Campus, Lahore
09-01-1998 to 8-10-2003	Professor & Director	Institute of Statistics University of the Punjab Quaid-i-Azam Campus, Lahore
09-09-1991 to 08-01-1998	Associate Professor	Institute of Statistics University of the Punjab Quaid-i-Azam Campus, Lahore
22-10-1989 to 08-09-1991	Assistant Professor	Institute of Statistics University of the Punjab Quaid-e-Azam Campus, Lahore
10-04-1978 to 21-10-1989	Lecturer	Department of Statistics Islamia University, Bahawalpur

Professional Productivity:

Research Papers: 23 research papers in different national and international journals (list attaches)

Field of Specialization:

Mathematical Statistics

College of Statistical and Actuarial Sciences

University of the Punjab, Quaid-e-Azam Campus, Lahore

Dr. Ahmad Saeed Akhter, Professor

1. RESEARCH PUBLICATIONS:

a) Research papers published in foreign journal of International repute 02

	Research Paper	Name of Journal	Date of Publication
1.	Cohen's method of parameter estimation in truncated normal distribution using moments corrected by quadratic approximation	Statistica (Italy)	1996 PP 167-73
2.	Estimation of the Parameters of Rayleigh Distribution based on record values for censored data	Sjournals: Scientific Journal of Review (Iran)	2012 1(4) PP 130-146

b) Research papers published in Pakistani journal of national/International repute 33

Sr. #	Research Paper	Name of Journal	Date of Publication
1.	The Incomplete Beta-function	RIAZI. University of Karachi	Oct.1980 Vol.3 PP 37-40
2.	Use of Exponential Distribution	Journal of Scientific Research, University of the Punjab, Lahore	Oct.1981 Vol.2 PP 73-92
3.	Cohen's method using moments corrected by linear approximation	Sind University Research Journal (Science Series)	1988 Vol. 20(1) PP 59-68
4.	Maximum likelihood estimation of the parameters of a normal distribution from doubly truncated samples. A computer approach.	Sind University Research Journal (Science Series)	1988 Vol. 20(2) PP 34-42
5.	On Estimating the parameters of truncated normal distribution using Grundy's correction	RIAZI, University of Karachi	Oct. 1989 Vol. 11 PP 21-30
6.	Plot of log-likelihood function of the truncated normal distribution	University of Karachi Journal of Science	Dec. 1989 Vol. 17(12) PP 97-100
7.	Linear and Quadratic coefficients estimates of the parameters of the normal distribution	Journal of Scientific Research. Punjab University	Oct. 1990 Vol. XIX No. 1 & 2 PP 23-35
8.	Invalidity of least squares	Scientific Sindh, Shah Abdul Latif University, Khairpur	1993 Vol. 1 PP 135-40
9.	Two Way Stratification designs when one of the stratifying variables is time	Scientific Sindh, Shah Abdul Latif University Khairpur	1994 Vol. 2 PP 139-45
10.	The effect of truncation on precision and accuracy in the maximum likelihood estimation on parameters of normal population from singly truncated samples	Karachi University Journal of Science	1996 Vol. 24(2) PP 85-88
11.	An algorithm for rounding off a 2-way table	Science International	1997 Vol. 9(1) PP 17-19
12.	Comparison of the moment and maximum likelihood estimates of the truncated normal distribution	Presented and published in first Islamic Countries Conference on Statistical Sciences	Proceedings 1989 Vol. III PP 1457-61
13.	Use of linear coefficient estimates to estimate the parameters of the normal distribution	Presented in the National Seminar on Statistics for development Allama Iqbal Open University	Feb. 1990
14.	The effect of outliers of the estimation of parameters	Science International	April 1999 Vol. 11 No.2 pp 225-26
15.	Estimation of the scale parameters of the censored Rayleigh distribution	Scientific Sindh Shah Abdul Latif Univ. Khairpur	1998, Vol.5, pp 109 -114
16.	Properties of the moments of some special function of order Statistics	Scientific Sindh Shah Abdul Latif Univ. Khairpur	1998, Vol.5, pp 121-126
17.	Birth weight distributions in Pakistan	Journal of scientific Research	1998 Vol. 50 (I-2) pp 5-10
18.	A differential study of breast cancer patients in Punjab, Pakistan	Pakistan Journal of Medical Association	Vol. 53: No.10, October (2003)
19.	A look into data on Pediatric cancer patients with acute lymphoplasic leukemia registered at SKMCH, Pakistan	Presented in International Conference held in August 1999	Submitted to Karachi University Journal of Science
20.	Loss of amount of information from the Truncated / Consored Raleigh Distribution	Journal of Scientific Research, University of the Punjab, Lahore	Accepted for Publication
21.	Bivariate Rayleigh Distribution and its Properties.	Proceedings of the 'First International Conference on	2006

Sr. #	Research Paper	Name of Journal	Date of Publication
		Statistics and Operations Research – 2006'	
22.	Evaluation of Risk Factors of HCV infection in Lahore, (Pakistan)	Proceedings of the 'First International Conference on Statistics and Operations Research – 2006'	2006
23.	Bivariate Rayleigh Distribution and its Properties	Pakistan Journal of Statistics and Operation Research	2007
24.	Evaluation of Risk Factors of HCV infection in Lahore, (Pakistan)	Pakistan Journal of Statistics and Operation Research	2007
25.	Cubic Coefficients Estimates and Asymptotic Properties of the Estimates from the Two Parameters Rayleigh Distribution	Pakistan Journal of Mathematics	2007
26.	Estimation of location and scale parameters from the multi-censored type II Rayleigh distribution on the right side using Quadratic coefficients estimate	Proceedings of the International Conference on Statistical Data Produced and Applications of Statistics – 2007	2007
27.	Statistical analysis of call arrivals time	Proceedings of the International Conference on Statistical Data Produced and Applications of Statistics – 2007	2007
28.	Estimation of the Scale parameter from the Rayleigh distribution from type II singly and doubly censored data	Pakistan Journal of Statistics and Operation Research	2009
29.	Estimation of the Scale and Location Parameters Based upon the Upper Records Values of Rayleigh Distribution from Type II Singly and Doubly Censored Data	Proceedings of the 3rd International Conference on Statistical Sciences – 2010	2010
30.	Approximate Linear Estimates of the Parameters of Extreme Value Distribution Type I using ordered observations	Proceedings of the 3rd International Conference on Statistical Sciences – 2010	2010
31.	Estimation Accuracy of Exponential Distribution Parameters	Proceedings of the 3rd International Conference on Statistical Sciences – 2010	2010
32.	On A Chorian Family of Gamma Distributions	Proceedings of the 3rd International Conference on Statistical Sciences – 2010	2010
33.	Estimation Accuracy of Exponential Distribution Parameters	Pakistan Journal of Statistics and Operation Research	2011

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2. RESEARCH SUPERVISION:

a) **Ph.D. / M.Phil Supervised**

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Sr#	Title of Thesis	Name of Student	Status of thesis
M.Phil. leading towards Ph.D program			
1	Regional Frequency Analysis of annual maximum rainfall in monsoon region of Pakistan using L-moments.	Amina Shahzadi – Session 2004	Completed
2	A comparative evaluation of the parameter estimation methods of the general half-normal distribution.	Shazia Akram – Session 2004	Completed
3	Statistical analysis of call center data.	Samia Ayub – Session 2004	Completed
4	Modeling the prices of Rice in different areas of Punjab	Muhammad Arslan Nasir – Session 2006	Completed
5	Statistical Analysis to Determine the Shape of Income Distribution in Punjab: A Comparison of Parametric Models.	Tayyaba Rafiq – Session 2006	Completed
6	Properties of Rayleigh and inverse Rayleigh distributions and the estimation of the parameters based on record from complete and censored data	Azaz Ahmed – Session 2008	Completed
7	Record Values and order Statistics Estimation of Gumbel Distribution by different Methods for Complete and Censored Samples	Saba Aziz – Session 2009	Completed
8.	Comparison of non-informative priors for exponential and Rayleigh distribution with complete and censored data	Tahira Bano – Session 2009	Completed

b) **M.A. / M.Sc. thesis**

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Sr.#	Name of Student	Title	Session
1.	Umair Islam	Teacher's effectiveness and students achievement.	1994-96
2.	Muhammad Sheraz	Socio-Economic Study of Wahdat Colony Flats.	1996
3.	Izhar ul Haq	Socio-Economic Study of Humma Block (Flats).	1996
4.	Muhammad Sohail	Impact of Television on style of living.	1995-96
5.	Shahida Anjum	A socio-economic study of people living in quarters of Wafaqi Colony.	1996
6.	Naeem Yousaf	A socio-economic study of Kotha Pind Flats, Faisal Town Lahore.	1996
7.	Shahzad Ahmad Nawaz	A study on customer & employee attitude towards bank.	1994-96
8.	Ghazala Saheen	A Socio-Economic Study of the People Living in Model Town Extension.	1996
9.	Shagufta Shahab	A Socio Economic Study of Peoples Living in Flats of Chenab Blocks in Iqbal Town.	1996
10.	Gulnaz Akhter	A Socio-Economic Study of Riwarz Garden.	1996

Sr.#	Name of Student	Title	Session
11.	Shafaq Arif Ch.	Perception of educated youth about how the atmosphere of a home and family bonds influence the personality and socialization of children	2002-04
12.	Haleema Akhtar	Socio Cultural problems faced by married women	2002-04
13.	Qasim Aziz	A Statistical Analysis about the implementation of South Asian free trade area (SAFTA)	2003-05
14.	Kulsoom Fazal	A statistical study of existing taxation system in Pakistan	2003-05
15.	Shaista Akram	A statistical study of personality orientation of the students of University of the Punjab	2003-05
16.	Wasif Yasin Daula	Statistical Study on Popularity of ATM Card	2004-06
17.	Shumaila Arshad Chauhdary	Practis & Attitude of Youth Towards Gender Discrimination.	2004-06
18.	Naveed Feroze	Pakistan's Education System & Needs of 21st Century.	2004-06
19.	Noor ul Saba Shafique	Statistical analysis on the opinion and awareness about Poverty Eradication.	2005-07
20.	Sadia Arshad	Statistical study of student's opinion about self-finance system at higher level of education.	2005-07
21.	Yasar Mahmood	Statistical study of pollution due to tanneries wastage in City Kasur.	2005-07
22.	Rafia Mustafa	Use of cosmetics among Women.	2005-07
23.	Rabia Latif	Role of Advertisement on Society (A statistical study of the customers of Pot Pourri).	2005-07
24.	Shahid Majeed	A statistical study of the availability of medical facilities and patient satisfaction in D.H.Q. (Civil Hospital) Toba Tek Singh.	2005-07
25.	Bushra Ayub	A statistical study to compare the views of workers in electronic media and print media.	2005-07
26.	Samreen Tariq Mahmood	A statistical study of obstetric antenatal complications in antenatal population.	2005-07
27.	Maliha Ameer	Statistical analysis on the impact of usage of internet on the academic results of the PU students.	2005-07
28.	Nageen Ijaz	A statistical study on male's attitude towards working women.	2005-07
29.	Memoona Younas	A statistical study on vision of youth on religion.	2005-07
30.	Pamila Khan	A statistical study on the views of Youth regarding festivals of Pakistan.	2005-07
31.	Asma Fiaz	Statistical study of the perception of youth about tradition and customs of marriages.	2005-07
32.	Sumaira Arif	Statistical analysis on the condition of departmental libraries of Punjab University.	2005-07
33.	Samina Mahmood	A Statistical Study of the Factors Affecting the Academic Performance of University Students	2006-08
34.	Samina Ilyas	A Statistical Study on Trend of Wearing Hijab in Punjab University , Lahore	2006-08
35.	Meh Jabeen	A Statistical Study on Presents Tax System in Pakistan	2006-08
36.	Laiqa Shafique	A Statistical Study Career Selected by students and their parent's Desires	2006-08
37.	Shamim Akhtar	The Popularity of Fast Food In Youth.	2006-08
38.	Faiza Munir Butt	Impact of family Educational Environment on the performance of Student at Graduate Level	2006-08
39.	Abida Kalsoom	The Role of Export Promotion bureau (EPB) in Lahore Textile, Agriculture, Medicine and food and beverage Exports	2006-08

Sr.#	Name of Student	Title	Session
40.	Shakeel Ahmed	"A Competitive Study Between local and Multinational Products (A View Point of Punjab Students)"	2006-08
41.	Saba Ashraf	A Statistical Study on the Behaviour of Friends	2006-08
42.	Sehrish Rehma	A Statistical Analysis of Passengers Views about Traveling in Train And Daewoo	2006-08
43.	Faiza Malik	A Critical Analysis of Student's Occupational Aspiration for Career Selection	2006-08
44.	Sana Nawaz	A Statistical Study on Hotch Potch/Lavish Marriages and its Impact on Society	2006-08
45.	Muhammad Irfan	A Statistical Study on Youth Point of view towards Islamic Education	2006-08
46.	Muhammad Arif	A Statistical Study of Student's Opinion About Career selection In Tehsil Jampur	2006-08
47.	Fakhera Jamil	A Statistical Study About The level of Job Satisfaction Among Nurses in Hospitals	2006-08
48.	Adeel Yaqoob	Living standard of people living in Samanabad Lahore.	2007-09
49.	M. Muzammil	Analyzing the atmosphere of the university of the Punjab with cultural perspective.	2007-09
50.	Tallat Shahzadi	A statistical study on eradication of depression from Islamic thoughts, students prospective.	2007-09
51.	M. Zeeshan	Population growth and peoples perception about environmental crisis: A case study of Faisalabad, City.	2007-09
52.	Huma Noreen	A statistical survey on the attitude of women towards depression.	2007-09
53.	M. Aqdas Farrukh	Behaviour and attitude of students towards disables persons.	2007-09
54.	Nazia Rehmat	Statistical study of attitude of educated youth of university of the Punjab towards dowry.	2007-09
55.	Ayesha Aslam	A Statistical Study on the views of the Students of Punjab University About Significance of Islam.	2007-09
56.	Amna Ijaz	Perception of Female Students Towards Higher Education (A Statistical Study of the Students of Punjab University).	2007-09
57.	Muhammad Waqas	A Survey on the views of Youth Regarding the Effect of Co-Education on Personality in the University of the Punjab Lahore.	2007-09
58.	Zeeshan Ashraf	A Statistical Survey About the Job Satisfaction of the Male School Teachers Working in Lahore City.	2007-09
59.	Iram Fatima	Impact of Hypertension on Health-Related Quality of Life.	2008-10
60.	Saima Ashraf	A Statistical Study on the Impact of Mass Media on the People of Shalimar Town Lahore.	2008-10
61.	Qurat ul Ain Awan	Statistical study on self-medication during depression.	2008-10
62.	Asfa Tahir	A Statistical Study on Sexual Harassment of Female Students in University of the Punjab, Lahore.	2008-10
63.	Rabia Salahudin	A Statistical Study on Increasing Trend of Fast Food among Youth.	2008-10
64.	Maryam Farooq	A Statistical Study of the Satisfaction Level Among Lawyers about their Profession.	2008-10
65.	Shumaila Tabasum	A statistical study on effects of internet among youth.	2008-10
66.	Faiza Javaid	A statistical study on the effect of joint family system in Lahore.	2008-10
67.	Bilal Ahmed	Statistical study of living standard of people at Karim Park,	2008-10

Sr.#	Name of Student	Title	Session
		Lahore.	
68.	Saher Ashfaq	A Statistical Study on Behavior of Youth during Anger	2008-10
69.	Ayesha Noor Rana	Customer Satisfaction in Pizza Hut.	2008-10
70.	Naveed Ahmad	A statistical study of energy crisis and its effects on youth.	2008-10
71.	Tahira Amin	Perception of Youth Towards their Life Partner in University of the Punjab, Lahore.	2009-11
72.	Sadia Bashir	Factors Affecting the Career Choice of Students a Statistical Study.	2009-11
73.	Madiha Mehmood	A Statistical Study on Perception of Youth about Working Women.	2009-11

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5. SEMINARS / WORKSHOPS / CONFERENCES

- a) **Conducted at University Level** **05**
1. Pakistan Statistical Association Seminar Organized in the Institute of Statistics, University of the Punjab, Lahore in 2002.
 2. International Conference on Statistics, held in Punjab University, Lahore in 1999.
 3. "The First International Conference on Statistics and Operations Research 2006" was organized and conducted at the College of Statistical and Actuarial Sciences, University of the Punjab, Lahore in April 2006.
 4. International Conference on Statistical Data Produced and Applications of Statistics was organized and conducted at the College of Statistical and Actuarial Sciences, University of the Punjab, Lahore in September 3-5, 2007.
 5. Third International Conference on 'Statistical Sciences' was organized and conducted at the College of Statistical and Actuarial Sciences, University of the Punjab, Lahore in November 25-27, 2010.
- b) **Conducted at Departmental Level** **09**
1. A seminar was arranged for the members of Pakistan Statistical Association (PSA) and other statisticians in the Institute of Statistics, University of the Punjab, Quaid-e-Azam Campus, Lahore on May 03, 2002.
 2. A seminar was conducted on "Improvement of Quality and standards of education in the universities" on May 28, 2003.
 3. A seminar was conducted on January 22, 2004. The Key speaker was Dr. Altaf Ahmad, a prominent statistician of USA.
 4. A seminar was arranged on 'Database Management System' in which Dr. Mir Fazan of University of South Asia, Lahore was guest speaker in the month of August 2005.
 5. A seminar on 'ER Diagram' was arranged in the month of June 2005. Mr. Shahid Manzoor was the key speaker.
 6. A seminar was arranged on 'Management Information System' in collaboration with WARID Telecom, Pakistan in the month of September 2005.
 7. A symposium was organized in collaboration with 'Nestle Nesvita' about "Awareness of Osteoporosis" on May 2, 2011.
 8. Two invited lectures were organized for M.Sc. Actuarial Science program students on February 16, 2011 on the topic of "Tax". Mr. Khalid Mehmood, Chartered Accountant – Hadleys & Co, UK was the keynote person.
 9. Mian Ikram Shakir, Group Chief Actuary and Managing Director, FWU AG International, Luxemburg delivered two lectures on the topic of "Actuarial Sciences" on April 1, 2011.
- c) **Participated and presented papers at University / Department level** **Nil**
- d) **Participation at University / Department level** **05**

Dr. Ahmad Saeed Akhter, Professor

6. SEMINARS / WORKSHOPS / CONFERENCES

a) **Attended and presented papers at International level** **12**

S.#	Title of Seminar / Conference / Workshop	Title of Paper	Place of Workshop / Conference	Year
1.	First Islamic Countries Conference on Statistical Sciences	Comparison of moment and maximum likelihood estimates of the truncated normal distribution	Lahore	1988
2.	International Conference on Statistics	On a differential study of breast cancer patients in Punjab, Pakistan	Lahore	1999
3.	International Conference on Statistics	A look into data on Pediatric cancer patients with acute lymphoplastic leukemia registered at SKMCH, Pakistan	Lahore	1999
4.	First International Conference on Statistics and Operations Research 2006	Causes of Children Runaway from their Homes in Pakistan: A Case Study of Multan District	Lahore	2006
5.	First International Conference on Statistics and Operations Research 2006	Evaluation of Risk Factors of HCV infection in Lahore, (Pakistan)	Lahore	2006
6.	International Conference on Statistical Data Produced & Applications of Statistics – 2007.	Estimation of location and scale parameters from the multi-censored type II Rayleigh distribution on the right side using Quadratic coefficients estimate.	Lahore	2007
7.	Int. Conference on Statistical Data Produced & Applications of Statistics – 2007.	Statistical analysis of call arrivals time.	Lahore	2007
8.	International Conference on Mathematics	Cubic Coefficients Estimates and Asymptotic Properties of the Estimates from the Two	Lahore	2007

		Parameters Rayleigh Distribution.		
9.	3rd International Conference on Statistical Sciences – 2010	Estimation of the Scale and Location Parameters Based upon the Upper Records Values of Rayleigh Distribution from Type II Singly and Doubly Censored Data	Lahore	2010
10.	3rd International Conference on Statistical Sciences – 2010	Approximate Linear Estimates of the Parameters of Extreme Value Distribution Type I using ordered observations	Lahore	2010
11.	3rd International Conference on Statistical Sciences – 2010	Estimation Accuracy of Exponential Distribution Parameters	Lahore	2010
12.	3rd International Conference on Statistical Sciences – 2010	On A Cheriyan Family of Gamma Distributions	Lahore	2010

b) Attended at International level

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S.#	Title of Seminar / Conference / Workshop	Place of Workshop	Year
1.	Islamic Countries Conference on Statistical Sciences	Lahore	1994
2.	First International Conference on Statistics and Operations Research 2006.	Lahore	2006
3.	International Conference on Statistical Data Produced & Applications of Statistics – 2007.	Lahore	2007
4.	International Conference on Mathematics.	Lahore	2007
5.	3 rd International Conference on 'Statistical Sciences', 2010	Lahore	2010

c) Attended at National level

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S.#	Title of Seminar / Conference / Workshop	Place of Workshop	Year
1.	Attended and Participated in the National Seminar on Statistics for development Allama Iqbal Open University.	Islamabad	1990
2.	Pakistan Statistical Association conference at Institute of Statistics, University of the Punjab, Lahore.	Lahore	1997
3.	Pakistan Statistical Association Seminar organized in the Institute of Statistics, University of the Punjab, Lahore.	Lahore	2002
4.	Health Research System and Mapping of health in Pakistan.	Bhorban, Murree	2002
5.	Attended a Seminar on Bioinformatics, held at University of the Punjab, Lahore.	Lahore	2003