

## CURRICULUM VITAE

**Name** : Sabir Ali Siddiqui  
**Father's Name** : Mr. Akbar Ali  
**Date of Birth** : 06 July 1960  
**Nationality** : Indian  
**Current Address** : Assistant Professor  
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**Academic Qualifications:**

Name of certificates degrees	Year	Institution where studied	Board/ University	Division Obtained	Subjects offered
<b>Ph.D.*</b>	1990	—	Agra University, Agra(UP) India	—	Statistics
<b>M.Sc.</b>	1982	Aligarh Muslim University, Aligarh (UP) India	AMU, Aligarh India	First	Statistics
<b>B.Sc.</b>	1979	Bareilly College, Bareilly (UP)India	Rohilkhand University, Bareilly (UP) India	First	Mathematics Statistics, Physics
<b>Intermediate</b>	1977	F.R. Islamia Inter College, Bareilly (UP) India	UP Board, Allahabad (UP) India	First	Hindi, English Physics Mathematics,
<b>High School</b>	1975	F.R. Islamia Inter College, Bareilly (UP) India	UP Board, Allahabad (UP) India	First	Hindi, English Geo. Arts, Mathematics, Science

**Teaching Experience:****23 Oct. 2007 till date:**

Assistant Professor of statistics, Dhofar University, P.O. Box.2509, Salalah-211, Sultanate of Oman. ([www.du.edu.om](http://www.du.edu.om))

**19 Oct. 1987 to 22 Oct. 2007**

Reader(Associate Professor) and Head (Chair), Department of Statistics and Computer Science, St. John's College, Agra University, Agra, U. P. India.

**02 Mar. 1983 to 30 Nov. 1986**

Lecturer, Department of Statistics, Bareilly College, Bareilly, U. P., India.

**Courses Taught:****I. At Dhofar University, Salalah, Sultanate of Oman.**

1. MATH 250 (Probability and Statistics)
2. MATH 255(Statistical Inference)

3. MATH 215 (Elementary Statistics for the Social Sciences)
4. MATH 375 (Topics in Statistics)
5. MATH 103(Mathematics for Social Sciences I)
6. MATH 204(Mathematics for Social Sciences II)
7. MATH 210 (Differential Equations)
8. EDUC 516(Statistical Methods in Education)
9. EDUC 510M (Statistical Analysis Methods for Research in Humanities)

## **II. RohilKhand University and Agra University, India**

### **i. At Under Graduate Level**

1. Statistical Inference
2. Theory of Probability and Probability Distributions
3. Applied Statistics

### **ii. At Post Graduate Level**

1. Probability Measure and Probability Distributions
2. Sampling Techniques
3. Design of Experiment
4. Statistical Inference
5. Operations Research

### **Guiding research:**

1. Eighteen Candidates have been awarded Ph.D. Degree under the supervision.
2. Guided dissertations in the Department to post-graduate students, for the nineteen years for about 95 students.

### **Research Experience:**

- Research Gate Score: 13.39
- h-index : 4
- Thirty research papers published in reputed International journals some of the papers published in Scopus journals (List enclosed)

### **Refereed conference papers**

5 articles accepted in refereed conferences.

### **Books published:**

1. *Basic Statistics for Management and Social Science Students*, **Published by Book Shell, A Unit of Knowledge Education Media P. Ltd., New Delhi.(2010)**
2. Bayesian Analysis of a Mixture Model, **Lambert Academic Publishing, Germany. (2014)**

### **Research areas of interest:**

Following are the major fields of interest in research:

1. Reliability Analysis
2. Life Testing Analysis
3. Survival Analysis
4. Operations Research

### **Main research work:**

1. Introduced five probability distributions and used them as life testing models.
2. Frailty analysis - Bayesian estimates of reliability and hazard rate functions of mixture models.
3. Developed algorithm for simultaneous solution of multi-objective Transportation and Assignment problems.

### **Administrative experience**

1. Worked as Head of the Post Graduate Department of Statistics for eight years and under graduate Department of Computer Science for seven years.
2. Have been Course Director of a “**Ten Day Training Course in Statistics for the Teachers and Research Scholar of Social Sciences**” *two times*. The course was sponsored by the Indian Council of Social Science Research (ICSSR), Government of India, New Delhi.
3. Worked as Project director of a project from Population Foundation of India (PFI), New Delhi, India, on “Family Health Welfare Program” for one year.

4. Served as convener, Research Degree Committee of Statistics, for Dr. BR Ambedkar University, Agra, India, three terms of two years each.
5. Worked as Program Officer in National Service Scheme, a government of India body for social service, unit of the college for three years from 2001-2004
6. Worked as Centre Superintendent for competitive test of AIMA MAT, New Delhi, India, for nine years.
7. Worked as Chief Supervisor for main examinations of ICFAI University, Hyderabad, India, at Agra Centre for five years.
8. Served for the Agra University Examination Committee as :
  - i. Assistant Superintendent - four years.
  - ii. Senior Superintendent – two years.
9. Served as convener, Board of Studies in Statistics, Dr.BR Ambedkar University, Agra, India, two terms of two years each.
10. Worked in college Advisory Committee for NSS for two years.

**Experience in other activities:**

1. Participated in a course program organized by Rajasthan University, Jaipur, India, on “*Life testing and Reliability analysis*” for 13 days, in 1988.
2. Have been a member of Academic Council of St. John’s College, Agra, India.
3. Worked as Statistician in a WHO sponsored project at the S. N Medical College, Agra, India for three years from 1989 to 1992.
4. Have been *referee* for an International Journal published from the UK “The Micro-electron and Reliability”.
5. Worked as secretary in Samajik Vikas Sodh Sansthan (a registered Non Government Organization), for social work, Agra, India.
6. Participated in the “*Workshop on women and child development*”, organized by NSS(National Service Scheme) cell Agra and UNICEF from May 12, 1998 to May 14, 1998.
7. Participated *Orientation course* on the National Service Scheme organized by National unit of NSS of India from August 02, 2000 to August 08, 2000.

8. Participated training program organized by Ministry of Youth Affairs and Sports of Government of India at Siriperumbudur, Tamil Nadu, India from August 06, 2001 to August 10, 2001.
9. Participated in *refresher course* in Statistics, sponsored by University Grants Commission of India and conducted by Lucknow University, Lucknow, India, from October 03, 2001 to October 23, 2001.
10. Participated in *refresher course* in Statistics, sponsored by University Grants Commission of India and conducted by Panjabi University, Patiala, India, from December 03, 2001 to December 23, 2001.
11. Participated in culture week programs of Dhofar University and presented projects with the students, on following topics;
  - i. Demographics of Sultanate of Oman.
  - ii. Statistical Applications in other branches of studies.
  - iii. Latest Demography of Sultanate of Oman.
12. Attended seminars on “*Successful Teaching & Critical Thinking*” conducted at DU, Salalah, Oman in collaboration with the University of Toronto, Canada from April 22 – 26, 2009.
13. Guiding research at Dhofar University for Post Graduate students of Education and evaluating them.
14. Working as a referee in an international journal of Statistics, *Journal of Reliability and Statistical Studies*, published from India.
15. Developed courses for Operations Research and linear programming at graduation level at Dhofar university.
16. Developed complete set of courses for Master program in Statistics for correspondence with the government to open a new course in Dhofar University.
17. Attended a workshop on “Publishing and Grant Proposal Writing Workshop” in Dhofar University, October 13-14, 2015.

**Referees**

1.	Prof. Arif ul Islam Retd. Professor of Statistics Aligarh Muslim University Aligarh, (UP), India.	Mobile : 0091-8266967826 Email : <a href="mailto:arifislam2@yahoo.com">arifislam2@yahoo.com</a>
2	Prof. AAqil Ahmad Retd. Professor of Statistics Lucknow University, Lucknow, (UP), India.	Mobile: 0091-9415103310 E-mail: zaman18@gmail.com



**(Sabir Ali Siddiqui)**

**M.Sc., Ph.D.**

### List of publications

1. An Assignment Problem with three objectives. *DEI Journal of Science & Engineering Research, Vol. 7, No.2, 31-34, (1989).*
2. A Note on Sharma-Swarup Time Minimizing Algorithm and Comment of Seshan-Tikekar. *IJOMAS, Vol.12, No. 4, 45-49,(1990).*
3. Some Contribution to Problems on Time/Cost Optimization with Special Reference to Transportation and Assignment, **Ph.D. Thesis, submitted to Agra University, Agra, India, (1990)**
4. Bayesian Estimation of reliability and hazard rate functions. *Micro electron Reliab., Vol. 13. No. 1, 53-57, (1991).*
5. Survival Analysis: A Modern Approach to Biomedical Statistics. *VII Annual Conference, U.P. Chapter, Indian Association of Preventive and Social Medicine Journal, (1991).*
6. On Mukherji Islam Failure Model. *Micro electron Reliab., Vol. 32. No. 7, 923-924, (1992).*
7. A Finite Range Failure Model. *Micro electron Reliab., Vol. 32. No. 10, 1453-1457, (1992)*
8. Finite Range Survival Model *Micro electron Reliab., Vol. 34. No. 8, 1377-1380, (1994)*
9. A New Increasing Failure Rate Model for Life Time Data. *Micro electron Reliab., Vol. 35. No. 1, 109-111, (1995).*
10. Reliability Analysis of a Finite Range Model *Micro electron Reliab., Vol. 35. No. 5, 859-862, (1995)*
11. Bayesian Analysis of reliability and hazard rate functions of a Mixture model. *Micro electron Reliab., Vol. 37. No. 6, 935-941, (1997).*
12. Impact of Communication on Social Transformation. *Journal of J. P. College, Jagatpur, Varanasi, India (1999).*
13. Socio-Economic inequalities in use of delivery care services in India. *The Journal of Obstetrics and Gynecology of India, Vol.56, 2, 123-127, March-April, 2006.*
14. The Significant Roles of Contraceptive in Reducing Fertility, Infant and Child Mortality in India **Journal of population, Vol.13, No.1, June 2007; 31-46.**
15. Biostatistics In Clinical Practice: Fact or Fiction, **CIP Bulletin, India, 2009, 33- 36.**
16. Queuing System with Inverse Gaussian and Mukherji Islam Service Time Distribution, **Journal of Reliability and Statistical Studies (ISSN: 0974-8024), Vol. 3, Issue 1(2010): 31-36.**
17. Basic Statistics for Management and Social Science Students, *Published by Book Shell, A Unit of Knowledge Education Media P. Ltd., New Delhi.(2010)*



18. Moments and Joint distribution of concomitants of order statistics. *Journal of Reliability and Statistical Studies; ISSN (Print): 0974-8024, 2229-5666 Vol. 4, Issue 2 (2011): 25-31.*
19. Moments of concomitants of order statistics for a New Finite Range Bivariate Distribution (FRBD) *International Journal of Research, Vol 1, Issue 2,2012.*
20. Importance of Testing Normality in Medical Statistics, *CIP Bulletin-2012, India, Vol.11, 9-12. (2012).*
21. Bayesian Analysis of a Mixture Model, *Lambert Academic Publishing, Germany. (2014) (Book Form)*
22. Beta Exponentiated Mukherjee-Islam Distribution: Mathematical Study of Different Properties, *Global Journal of Pure and Applied Mathematics, Vol. 2, (1), 951-964, (2016).*
23. Undergraduate Students' Attitude Towards Mathematics After Peer Teaching Experience, *Global Journal of Pure and Applied Mathematics, Vol. 12, (2), 1501-1517, (2016).*
24. Characterization and Development of A New Failure Model, *Journal of Theoretical and Applied Information Technology, Vol.86. No.1, 87-95, (2016)*
25. Concomitants of Order Statistics of a New Bivariate Finite Range Distribution (NBFRD), *Global Journal of Pure and Applied Mathematics. ISSN 0973-1768 Volume 12, Number 2 (2016), pp. 1691-1697(2016).*
26. Development of Size-Biased Mukherjee-Islam Distribution, *International Journal of Pure and Applied Mathematics, Volume 107 No. 2, 505-515, (2016)*
27. Bayes' estimator of scale parameter of Size-Biased Mukherjee-Islam (SBMID) by Lindley's Approach, *International Journal of Pure and Applied Mathematics, Volume 107 No. 2, 505-515, 2016.*
28. Stochastic Behaviour of Propagation of Partial Discharge Acoustic Signals in Transformer Oil, *International Journal of Applied Engineering Research ISSN 0973-4562 Volume 11, Number 12 (2016) pp 7702-7707.*
29. Characterization of A Basic Finite Range Probability Distribution, *Int. J. Agricult. Stat. Sci. Vol. 12, No. 1, pp. 153-156, 2016.*
30. Bayesian Estimator of Scale Parameter of Size – Biased Mukherjee-Islam (SBMID) By Lindley's Approach, *Int. J. Agricult. Stat. Sci. Vol. 13, No. 2, pp. 753-758, 2017*
31. *Study of a power function as a failure model: Its Statistical and Mathematical properties, Int. J. Agricult. Stat. Sci. (Accepted), 2019.*

### **Refereed Conference Papers**

1. One paper presented in the conference of Family Health Care at S. N. Medical College, Agra, India which was later published in their Research Journal.
2. Article “Acoustic Signal Analyses of a Rotating Machine”, presented in the Sixth UAE MATHDAY Conference held during April 26-28,2008 at The Petroleum Institute, Abu Dhabi, UAE.
3. Article “Development and characterization of a new model”, accepted for presentation for the conference to be held from 17 – 19 December, 2008, HMAMS, Tetouan, Morocco.
4. Article “Impact of age at marriage on fertility among women in Madhya Pradesh(India)”, accepted for International Symposium on Optimization and statistics (ISOS – 2008), AMU, Aligarh, India.
5. Article “Analysis of a single server waiting line Queueing system using a new service time distribution” with Dr Masood Alam, Department of Mathematics, SQ University, Muscat, accepted, 12<sup>th</sup> Islamic Countries Conference on Statistical Sciences (ICCS-12) from Dec 19-22, 2012- Doha, Qatar – [www.iccs12.isoss.net](http://www.iccs12.isoss.net)