

Dr. NAJRULLAH KHAN

(ASSISTANT PROFESSOR)

Department of Statistics,
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Research gate: https://www.researchgate.net/profile/Najrullah_Khan

Vidwan ID: https://vidwan.inflibnet.ac.in/profile/208987

Academic Profile

- **2014 - 2018 Ph.D. (Statistics)**

  Aligarh Muslim University, Aligarh, India.

  Thesis Title: Applications of Laplace Approximation in Bayesian Survival Analysis.

  Area of Specialization: Bayesian Statistics, Survival Analysis, MCMC and Computational Statistics.

- **2013 M.Sc. (Statistics)**

  Aligarh Muslim University, Aligarh, India.

- **2011 B.Sc. (Hons.) (Statistics)**

  Aligarh Muslim University, Aligarh, India.

- **2007 Senior Secondary**

  M.S.I. Inter College, Gorakhpur, UP Board, India.

- **2005 Secondary Education**

  P.I.C. Inter College, Maharajganj, UP Board, India.

Teaching Experience

- Assistant Professor in Department of Basic Science & Technology at IIMT University, Meerut from February, 2019 to till date.

- Conducted under National Skill Development Corporation Govt. of India, New Delhi (NPTEL/MOOCS, Spoken Tutorial)

- Assistant Professor in Department of Mathematics and Statistics at Shivdan Singh Institute of Technology and Management (SSITM), Aligarh from September, 2018 to January, 2019.

Feb, 2014 – till date

- Taught Data Analysis with R, a final year postgraduate lab course.
- Taught Data Analysis with R, a final year undergraduate lab course.
- Conducted sessionals, quizzes, and examinations for undergraduate and postgraduate students.
- Assisted workshop on R and LATEX software packages organized for postgraduate students.
- Contributed in university level entrance examinations as an invigilator.
- Contributed in NEET examination as an invigilator.

Teaching Area of Interest

- Survival Analysis and Reliability Theory
- Bio-Statistics and its applications
- Bayesian Modeling and Computation
- Probability Theory and Statistical Inference
- Linear Models
- Business Statistics (MBA)
- Quantitative Techniques for Managers(MBA)

Research Experience

Aligarh Muslim University

Department of Statistics and Operations Research

Feb, 2014 – Nov, 2018

- **Ph.D. Researcher.**
  Supervisor: Professor Athar Ali Khan (Ex. Chairman, D/o Statistics & OR)

Research Area of Interest

- Survival Analysis and Reliability Theory

- Bio-Statistics and its applications
- Bayesian Modeling and Computation
- Statistical Computing and Data Analysis
- Probability Theory and Statistical Inference
- Linear Models

Membership of Academic Bodies/Societies

- Lifetime membership of Indian Bayesian Society.

Research Publications

Published

1. **Khan, N**., Akhtar, M. T. and Khan, A. A. (2016). A Bayesian Approach to Survival Analysis of Inverse Gaussian Model with Laplace Approximation. International Journal of Statistics and Applications, 6(6): 391-398.

2. **Khan, N**., Akhtar, M. T. and Khan, A. A. (2017). Bayesian Analysis of Marhsall-Olkin Family of Distributions. International Journal of Recent Scientific Research, 8(7): 18692-18699.

3. **Khan, N**. and Khan, A. A. (2018). Bayesian Analysis of Topp-Leone Generalized Exponential Distribution. Austrian Journal of Statistics, 47(4) : 1-15.

4. **Khan, N**. and Khan, A. A. (2023). A Bayesian Approach to Survival Analysis of Gompertz Model with R and JAGS. Information Sciences Letters, Inf. Sci. Lett. 12, No. 3, 1479-1496.

Accepted

5. **Khan, N**. and Khan, A. A. (2020). Bayesian Analysis of Exponentiated Rayleigh Model with R and JAGS. Lectures Notes in Electrical Engineering (Springer).

Communicated

6. **Khan, N**. and Khan, A. A. (2022). Bayesian Survival Analysis of Exponentiated Kumaraswamy Exponential Model. **Journal of The Iranian Statistical Society**.

7. **Khan, N**. and Khan, A. A. (2022). Bayesian Survival Analysis of Exponentiated Exponential Model. **Annals of Data Science**.

Software Skills

- R Software
- LaplacesDemon , JAGS/ WinBUGS
- LATEX, RStudio, and Microsoft.
- SPSS

Conferences &Workshops Attended/Paper Presented

- Workshop on Data Analysis and Graphic with R Software, February 18-23, 2013, Department of Statistics and Operations Research, AMU Aligarh.
- One Day Data Dissemination Workshop On Census-2011, November 19, 2014, Department of Statistics and Operations Research, AMU Aligarh.
- V National Conference on "Statistical Inference Sampling Techniques and Related Areas" March 24-25, 2015, Department of Statistics & Operations Research, AMU Aligarh.
- Workshop on Reliability Theory & Survival Analysis (WRSA 2015), November 2- 4, 2015, Department of Statistics, Punjab University Chandigarh.
- International Conference on Statistics and Related Areas for Equality, Sustainability and Development (SRAESD-2015) In Conjunction with XXXV Annual Convention of Indian Society for Probability and Statistics (ISPS), November 28-30, 2015, Department of Statistics, University of Lucknow. *(Paper Presented)*
- UGC Resource Development Center (HRDC), Short Term Course on Data Analysis/ SPSS & R/ MINITAB, September 05-11, 2016, Department of Statistics and Operations Research, AMU Aligarh.
- VIII International Symposium on Statistics and Optimization in Conjunction with XXXVI- Annual Convention of Indian Society for Probability & Statistics (ISPS), December 17-19, 2016, Department of Statistics and Operations Research, AMU Aligarh. *(Paper Presented)*
- VIII International Symposium on Statistics and Optimization in Conjunction with XXXVI- Annual Convention of Indian Society for Probability & Statistics (ISPS), December 17-19, 2016, Department of Statistics and Operations Research, AMU Aligarh. *(Paper Presented)*
- National Workshop on Scientific Writing Using Latex, February 14-20, 2017, Dr. Shakuntala Misra National Rehabilitation University, Lucknow.
- International Workshop Cum Seminar On Data Analysis using R, June 23-29, 2017, Dr. Shakuntala Misra National Rehabilitation University, Lucknow.
- 35^{th} Annual Conference of Indian Society for Medical Statistics, November 02-04, 2017, Department of Biostatistics and Health Informatics, SGPGI, Lucknow. *(Paper Presented)*
- National Seminar on "Emerging Applications of Smart Materials", March 15, 2019, Department of College of Basic Sciences and Technology, IIMT University, Meerut. *(Paper Presented)*
- International E-Conference on Current and Futuristic Approach in Science and Technology(ICFAST-2022), April 15-16, 2022, Department of College of Basic Sciences and Technology, IIMT University, Meerut. *(Paper Presented)*

Achievements

8. I had got selected for **BASIC SCIENTIFIC RESEARCH FELLOWSHIP (U.G.C., New Delhi) 2015**
9. Conducted as an organizing secretary of the National Seminar on "Emerging Applications of Smart Materials", March 15, 2019, Department of College of Basic Sciences and Technology, IIMT University, Meerut.
10. New course for M.Sc. in Statistics (2021-2022) has been started and I have given major contribution to run this course.
11. I teach R and Latex software to my students.
12. Conducted as an organizing secretary of the International E-Conference on Current and Futuristic Approach in Science and Technology(ICFAST-2022), April 15-16, 2022, Department of College of Basic Sciences and Technology, IIMT University, Meerut.

Reviewed Research Papers in Reputed Journals

13. Asian Journal of Probability and Statistics
14. Annals of Data Science (Springer).

- Journal of Statistics Applications & Probability Letter (Natural Science Publication) (Scopus).
- Journal of Statistics Applications & Probability Letter (Natural Science Publication) (Scopus).

Personal Details

- Father's Name :Mr. Asadullah Khan
- Nationality :Indian
- DOB :15/03/1990
- Gender :Male
- Marital Status :Single
- Language :English, Hindi, Urdu
- P. Address :Village & Post-Baluwa, Distt-Maharajganj-273302, UP, India
- L. Address :Room- 49, Azad Hostel, IIMT University, Meerut-250001,UP,India

References

1. **Professor Athar Ali Khan**
   Chairman & Supervisor

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Aligarh Muslim University, Aligarh-202002, India
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2. **Professor Qazi Mazhar Ali**

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Aligarh Muslim University, Aligarh-202002, India
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3. **Professor Rafiqullah Khan**

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Declaration

I hereby declare that all the above details furnished by me are true and correct to the best of my knowledge and belief.



(Dr. Najrullah Khan)