

CURRICULUM VITÆ

DR. MOHD ARIF KHAN

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Career Objective

I am looking forward to secure a challenging position in a premier Institute or University engaged in quality teaching and research work in frontier areas of Statistics and Operations Research where I can effectively nurture my expertise and potentialities in teaching and research aptitude for the uplift of the organization/institution.

Educational Qualifications

- ◆ Ph.D. in Operations Research from Aligarh Muslim University, Aligarh in 2022.
- ◆ M. Phil. in Operations Research Aligarh Muslim University, Aligarh in 2016.
- ◆ Master of Science in Operations Research with 1st Division from Aligarh Muslim University, Aligarh in 2012.
- ◆ Bachelor of Science in Statistics, Physics, Mathematics with 2nd Division from Aligarh Muslim University, Aligarh in 2010.
- ◆ Senior Secondary from U.P. Board, with 1st Division from M.S.I. Inter College, Gorakhpur in 2006.
- ◆ Secondary Education from U.P. Board, with 1st Division from Adarsh Inter College, Parsauna in 2004.

Experience

- ◆ Taught in UG and PG Classes as a Research Scholar.

Teaching Interest

- ◆ Quantitative Techniques
- ◆ Descriptive Statistics
- ◆ Applied Mathematics
- ◆ Operations Research
- ◆ Business Statistics/Mathematics
- ◆ Research Methods
- ◆ Applied Computational Statistics

Computer Skills

- ◆ R Software, LINGO
- ◆ MS- Office Package
- ◆ SPSS
- ◆ Latex

Academic Awards / Fellowships

- ◆ Awarded UGC Fellowship during Ph.D. (Operations Research) course.

Research Topic

- ◆ On Some Contributions to Multi-Objective Optimization Models

Papers Published/Accepted

- ◆ **Mohd Arif Khan**, Ahteshamul Haq and Aquil Ahmed (2021). "Multi-objective Model for Daily Diet Planning" *Reliability: Theory & Applications*, 16(1 (61)), 89-97. <https://doi.org/10.24412/1932-2321-2021-161-89-97>
- ◆ **Mohd Arif Khan**, Ahteshamul Haq & Aquil Ahmed (2022). Flexible fractional transportation problem with multiple goals: a pentagonal fuzzy concept. *RAIRO-Operations Research* 56(6), 3789-3800. <https://doi.org/10.1051/ro/2022169>
- ◆ Ahteshamul Haq, **Mohd Arif Khan** & Aquil Ahmed (2022). Multi-objective Production Planning Problem: Interval-valued Trapezoidal Neutrosophic and Multi-Choice Parameters. *Neutrosophic Sets and Systems*, 50, 208-224. <https://doi.org/10.5281/zenodo.6774773>

Attended/Paper Presented in Seminars/ Conferences/ Workshops

- ◆ A paper entitled "An Interval Cost of Sampling in Stratified Survey" was presented in the V National Conference on Statistical Inference, Sampling Techniques and Related Areas at Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh on March 24-25, 2015.
- ◆ A paper entitled "Fuzzy Goal Programming Model For Daily Diet planning" was presented in Online International Conference on "History and Development of Mathematics" (ICHDM 2020) organized by Department of Mathematics, Maharshi Dayanand University Rohtak through Online Platform (MDU Cisco Webex) on National Mathematics Day, December 22,2020.
- ◆ Participated in the virtual international conference on SCOTA held during 26th – 27th March 2021 at BIT Mesra, Ranchi and delivered a contributed talk titled 'Multi-objective Optimization Model for Daily Diet Planning'.
- ◆ A paper entitled "Multi-Objective Production Planning: Interval-Valued Trapezoidal Neutrosophic and Multi-Choice Parameters" was presented in the Online International Conference on "Sustainable Business Practices-2022 (SBP22)" organized by the Galgotias College of Engineering and Technology, Greater Noida Department of Management Studies Uttar Pradesh India on March 8-9, 2022.

- ◆ Attended VII National Seminar on Optimization, Inference, Sampling Techniques and Related Areas at Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh on March 9-10, 2019.
- ◆ Participated in the One Week Workshop on Statistics & Optimization Techniques Using Software Packages held from 14-19 January, 2019.
- ◆ Attended the International Seminar on Advances in Artificial Intelligence and Machine Learning jointly organized by Department of Computer Engineering & Interdisciplinary Centre for Artificial Intelligence, Aligarh Muslim University, Aligarh.
- ◆ Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Operations Management" from 16/08/2021 to 20/08/2021 at Goa College of Engineering.
- ◆ Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Operations Management" from 2020-12-20 to 2020-12-24 at Atal Bihari Vajpayee-Indian Institute of Information Technology and Management Gwalior.
- ◆ Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Artificial Intelligence and Machine Learning" from 2021-1-18 to 2021-1-22 at MVJ COLLEGE OF ENGINEERING.
- ◆ Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Advanced FDP on "Multi-Disciplinary Design Optimizations in Engineering: Basics" from 21/02/2022 to 25/02/2022 at Indian Institute of Technology Kharagpur.
- ◆ Participated and successfully completed three days National Level Online Faculty Development Program on "Data Science using Python" from 28/12/2020 to 30/12/2020 under ISTE Faculty Chapter and in association with miTu Skillologies, Pune.
- ◆ Participated in one Week Faculty Development Programme on "*Effective Teaching Learning Paradigms through Pedagogical Innovations*" organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai, from 7-12 Feb, 2022.
- ◆ Participated in the Two Week International FDP on "Research Perspectives in Mathematics and its Applications" organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai, from 4-16 July, 2022.
- ◆ Participated in five day's virtual lecture series "ANVESHAN" on the occasion of 'National Mathematics Day' organized by Department of Mathematics, SRMS College of Engineering & Technology, Bareilly held from 20-24 December, 2021. Certificate Id: ALOQDW-CE000033.

Personal Details

- ◆ Father's name : Late Khairati Khan
- ◆ Date of Birth : 03 April 1989
- ◆ Nationality : Indian
- ◆ Religion : Islam
- ◆ Civil Status : Married
- ◆ Hobbies : Reading, playing.
- ◆ Language known : English, Hindi, Urdu

References

- ◆ **Dr. Aquil Ahmad**

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Aligarh Muslim University
Aligarh, U.P., 202002.
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- ◆ **Dr. Athar Ali Khan**

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Declaration:-

- ◆ I hereby declare that all the information provided in my resume is true and I solely bears all the responsibilities and consequences resulting from the Information provided in the document.

(Mohd Arif Khan)