

Dr. Aamir Khan

Department of Mathematics & Statistics
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PROFESSIONAL PROFILE

A hard working Researcher in Applied Statistics and Operations Research, with a high sense of sincerity and dedication. Having teaching under graduate and Postgraduates students. I have gathered some wealth of knowledge and experience in Statistics, Operations Research and Data Science, and possess the ability to work in a team and produce the desired output. My trust areas of research are Mathematical Programming, Multi-objective Optimizations, System Reliability, Assignment Problems and Data Science. Fluent in English, Urdu, and Hindi languages and thrives in highly pressurized and challenging working environments.

DATE

ACADEMIC QUALIFICATION

2021	Ph.D. (Statistics), Integral University, Lucknow, India. Thesis Title: Study of Mathematical Programming with reference to Reliability Optimization and Assignment Problem
2013	M.Sc. (Applied Statistics), Baba Sahib BhimRao Ambedkar University (Central University), Lucknow, India.
2011	B.Sc. (Math, Statistics, Computer Application), Lucknow Christian Degree College, Lucknow University, Lucknow, India.

DATE

TEACHING EXPERIENCE & ADMINISTRATIVE RESPONSIBILITY

Feb 2014 - June 2016	Lecturer in Azad Engineering College, Lucknow, India
July 2016 - June 2017	Lecturer in Heera Lal Yadav Engineering College, Lucknow, India
March 2022 – July 2022	Visiting Faculty, Integral University, Lucknow, India
September 2022 - Present	Assistant Professor, Integral University, Lucknow, India

COURSES ELABORATED AND TAUGHT

- Biostatistics in B. Pharm
- Business Statistics and Statistics with 'R' in BBA
- Econometrics in M. A (Economics) and Sampling Theory in B.A (Economics)
- Statistics in B. Sc. And M. Sc.
- Optimization Techniques in M. C. A.
- Operation Research in B. Tech. and M. B. A.

JOURNAL PUBLICATIONS

1. “Modified Hungarian Method for Unbalanced Assignment Problem with Multiple Jobs Possibilities” published in Applied Mathematics and Computation (AMC), 361, 2019 493-498 indexed in **SCI** and **SCOPUS**.
2. “An Extended Application of Average Sum Method” published in Advances and Application in Mathematical Sciences, Volume 20, Issue 8, June 2021, Pages 1509-1515, indexed in **Web of Sciences** and UGC care list.
3. “Assignment of Multiple Jobs Scheduling to a Single Machine” is published in Advances in Mathematics: Scientific Journal 10, 2021, no.2, 1003–1011 indexed in **SCOPUS**.
4. “Selective Maintenance Modeling of Industrial Systems having Replaceable and Repairable Components” published in International Journal of Agricultural and Statistical Sciences Vol. 18, Supplement 1, pp. 1927-1934, 2022 indexed in **SCOPUS**.

CONFERENCES ATTENDED

1. Conference on Applied Statistics and its Application organized by Baba Sahab Bhimrao Ambedkar University, Lucknow during 16 – 17 March 2013.
2. International Conference on Algebra and Applied Analysis (ICAAA - 2018) organized by Integral University during 9 - 11 August 2018.
3. Eighth International Conference on “Recent Trends in Statistical Theory and Applications-2023 (WSTA – 2023) organized by Department of Statistics, School of Physical & Mathematical Sciences, University of Kerala jointly with Indian Society for Probability and Statistics (ISPS), Kerala Statistical Association (KSA) and Statistics Fraternity Kerala (SFK) during June 29 - July 02, 2023.
4. International Conference on Recent Trends in Statistics and Data Analytics (RTSD- 2023) jointly organized by the Kerala Statistical Association (KSA) in conjunction with its 44th annual conference and the Department of Mathematics and Statistics, Mar Ivanios College (Autonomous) from 31st March to 1st April 2023 at Mar Ivanios College (Autonomous), Trivandrum.

WORKSHOPS AND FDP ATTENDED

1. Workshop on “Data Analysis by SPSS” organized by Integral University, Lucknow
2. Workshop on “Statistical Modeling using Software” organized by Baba Sahab Bhimrao Ambedkar University, Lucknow.
3. National Workshop on “Role of Mathematics in Science and Technology” organized by Integral University, Lucknow.
4. One Week Faculty Development Program on Latex organized by Department of Engineering Mathematics of LNCT College, Bhopal in association with IIT Bombay.
5. Two Week Professional Development Programme & documentation with R organized by Department of Mathematics & Statistics, Integral University, Lucknow.
6. E-seminar on Internship “First Step Towards a Great Career” organized by Department of Commerce and Business Management, Integral University, Lucknow.
7. Seminar on “Following the Research Workflow using Elsevier’s Tools” organized by Integral University.
8. One Week Online National Workshop on Statistical Data Analysis using SPSS & R held from 20 – 24 March 2023 organized by the Department of Statistics, Central University of Haryana, Mahendergarh under the Aegis of Azadi Ka Amrit Mahotsav (AKAM).
9. Five Day Online FDP on “Advances in Real Analysis” organized by the Division of Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Chennai, held from 26th to 30th June, 2023
10. Three weeks professional development program on “Plotting in Python” from 12.04.2023 to 09.05.2023 organized by Department of Civil Engineering, Integral University, Lucknow.
11. Five-days online FDP on Software Tools using Mathematical Computation conducted by this Institute on 5th – 9th June, 2023 organized by Department of Computer Science and Engineering and Department of Mathematics, Muthayammal Engineering College, Tamil Nadu.
12. Three day virtual workshop entitled “Data Analytics and Visualization Tools”, Organized by Department of Mathematics & Statistics, Faculty of Science & Technology, Vishwakarma University, Pune-411 048, Maharashtra, on 27-29 April, 2023 in association with TCS iON.
13. One Week Faculty Development Program on “Teaching and Research Essentials” organized by the Department of Computer Science & Engineering, Chandigarh University held from 26th June, 2023 – 1st July, 2023.
14. One Week Faculty Development Program on “ Mathematics in Real, Applied and Computational Domains” organized by the Department of Mathematics, School of Science and Humanities, Sathyabama Institute of Science and Technology, Chennai, from 3 to 8 July, 2023

15. One Day National webinar on “Current Status in Higher Education in India: Perspective, Issues and Approaches” organized by Chaudhary Charan Singh University Meerut on 18 July 2023.
16. Two Week Professional Development Programme on Inferential Statistics for Data Science to achieve the Sustainable Development Goals organized by Integral University, Lucknow.
17. Two Week Refresher course\FDP organized by Department of Mathematics & Statistics and Human Resource Development Centre of Integral University from 23 September 2023 to 9 December 2023 conducted at Integral University, Lucknow.
18. One Week Online National Workshop on Statistical Data Analysis using SPSS & R (SDASR) 5th Edition, held from 11-15 March 2024 organized by the Department of Statistics, Central University of Haryana, Mahendergarh, Haryana.
19. National Seminar on ‘Mathematical & Statistical Computing’ organized by Department of Mathematics & Statistics, Integral University, Lucknow on 4 May 2024
20. “4th One-Week International Workshop on Technical Writing using LaTeX (Online)”. The Workshop is organized by the School of Electronics Engineering (SENSE) and Technically Co-Sponsor by VIT-AP IEEE SB and MTT SBC, at VIT-AP University, Amravati, India during 30th Mar- 5th Apr, 2024.

PAPER PRESENTED IN CONFERENCES

1. “Selective Maintenance Modeling of Industrial Systems having Replaceable and Repairable Components” presented in International Conference on Algebra and Applied Analysis (ICAAA - 2018) organized by Integral University during August 9 to August 11, 2018.
2. “Modified Hungarian Method for Unbalanced Assignment Problem with Multiple Jobs” presented in Eighth International Conference on “Recent Trends in Statistical Theory and Applications-2023 (WSTA – 2023) organized by Department of Statistics, School of Physical & Mathematical Sciences, University of Kerala jointly with Indian Society for Probability and Statistics (ISPS), Kerala Statistical Association (KSA) and Statistics Fraternity Kerala (SFK) during June 29 - July 02, 2023.
3. “Multiple Jobs Assigned To A Single Machine Within Available Cost” presented in International Conference on Recent Trends in Statistics and Data Analytics (RTSD- 2023) jointly organized by the Kerala Statistical Association (KSA) in conjunction with its 44th annual conference and the Department of Mathematics and Statistics, Mar Ivanios College (Autonomous) from 31st March to 1st April 2023 at Mar Ivanios College (Autonomous), Trivandrum.

PERSONAL INFORMATION

- Father Name - Nafis Ahmed
- Religion – Islam
- DOB – 25/12/1990
- Marital Status – Married
- Nationality – Indian
- Passport Number – M8492056
- Validity – 09/04/2025
- Address – E 3/195, Vineet Khand, Gomti Nagar, Lucknow - 226010



DR. AAMIR KHAN