

CURRICULUM VITAE

Dr. NISHA KHANAM

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Objective

To obtain the position as an Assistant Professor in a reputed institution that will provide me to utilize my teaching & administrative skills and will help to groom myself for an academic career.

Key Skills and Technical Knowledge

- LATEX, CCC (NIELIT)
- SOFTWARES: LINGO, R
- Content Creation
- OBS Studio

Academic Qualifications

- **Ph.D in Mathematics**, Aug, 2017-2022 from Integral University, Lucknow, India. (Awarded)
- Completed **M.Sc. (Mathematics)** from Mahatma Jyotiba Phule Rohilkhand University, U.P, India in 2015 with 64.4%.
- Completed **B.Ed. (Mathematics)** from Chhatrapati Shahu Ji Maharaj University, Kanpur, U.P, India in 2017 with 60.18%.
- Completed **B.Sc. (Mathematics)** from Mahatma Jyotiba Phule Rohilkhand University, U.P, India in 2013 with 62% .
- Completed **Intermediate** from U.P Board, Allahabad in 2010 with 61%.
- Completed **Highschool** from U.P Board Allahabad in 2008 with 57.82%.

Teaching Experience

- Currently working as an **Assistant Professor** in the Department of Mathematics and Statistics, Integral University, Lucknow, India.
- Delivered **video lectures** focusing on **Operations Research** to students of **MBA and MCA** using online platform **OBS Studio**.
- Helped students master material content.

Teaching Ability:

1. **Operations Research at Undergraduate and Postgraduate level.**
 2. **Business Mathematics and Business Statistics in the Department of Management Studies.**
 3. **Business Statistics and Statistical Economics in the Department of Law.**
- One-year teaching experience to Undergraduate/Postgraduate students at Integral University, Lucknow, India.
 - One-year teaching experience to Undergraduate/Postgraduate students at Gandhi Faiz- E-Aam (P.G) College, Shahjahanpur, India.

Courses Taught

G.F. PG College, Shahjahanpur:

- **B.B.A** (Business Mathematics)
- **M.Sc.** Part-1 (Discrete Mathematics)
- **M.Sc.** Part-2 (Operations Research)
- **B.Sc.** Part-2 (Mechanics, Differential Equation)

Integral University, Lucknow:

- **B.Com. (HONS) and M. Com (Integrated)** (Quantitative Techniques)
- **B.Sc. (Agriculture)** (Elementary Mathematics in Agriculture)
- **B.Sc. (PCM)** (Vector Analysis and Geometry)
- **B.Tech.(Mechanical Engineering)** (Engineering Mathematics- II)
- **B.Tech. and M.Tech Dual Degree (Biotechnology)** (Mathematics- II in Bio-engineering)
- **B.C.A** (Mathematics- II)

Extra-Curricular

- Participated in **National Seminar on Mathematical and Statistical Computing** organized by Department of Mathematics and Statistics, Integral University, Lucknow , U.P, India.
- Completed **two-weeks refresher course / FDP** organized by Department of Mathematics and Statistics and Human Resource Development Centre, Integral University, Lucknow , U.P, India.
- Participated in **One Day National Workshop on Anti- Plagiarism In Research** organized by Human Resource Development Centre (HRDC) in joint collaboration with Faculty of Education & Intellectual Property Rights Management Cell (IPRMC), Integral University, Lucknow, U.P, India.
- Participated in **One Day Symposium on Following the Research Workflow using Elsevier's tools** organized by Human Resource Development Centre (HRDC) in collaboration with Elsevier, Integral University, Lucknow, U.P, India.
- Participated in **International Symposium on Algebra, Analysis and their Applications** organized by Department of Mathematics and Statistics, Integral University, Lucknow , U.P, India.

Research Interests

- Empirical study of the Sample Survey Problems.
- Applications of mathematical programming in Sample Survey Problems, Multi-objective Optimization etc.
- Dynamic Programming, Fuzzy and Neutrosophic Logics.

Publications

Papers Published

Khanam, N., Ansari, A. H., Quddoos, A. (2021). Compromise mixed allocation using fuzzy programming approach. *Journal of Statistical Computation and Simulation*, 91(3), 1-10.

Ansari, A. H., Rabbani Q., Ahmad A. and **Khanam, N.,** (2022). Compromise mixed allocation in multivariate stratified sampling with travel cost using dynamic programming technique. *Journal of Rajasthan Academy of Physical Sciences*, 89-98.

Papers Accepted for Publication

- An optimum multivariate-multiobjective stratified sampling design with pooled variance using dynamic programming technique. *Journal of Modern Applied Statistical Methods*.
- Neutrosophic compromise programming approach for mixed allocation in multivariate-multiobjective non-linear stratified sampling problem with parabolic fuzzy numbers. *Neutrosophic Sets & Systems*.

Papers Communicated

- Fuzzy programming approach to multivariate - multiobjective stratified sampling design.

Papers Presented in Conferences

- Compromise mixed allocation in multivariate stratified sampling with quadratic travel cost , International Conference on Algebra and Applied Analysis (ICAAA- 2018), August 9-11, 2018, Integral University, Lucknow, U.P, India.
- An optimum multivariate-multiobjective stratified sampling design using dynamic programming technique, Recent Applications of Applied Sciences, Humanities and Engineering with Covid-19, July 12, 2020, Silicobyte Katni Degree college, Adharkap Katni, MP, India.

Webinars Attended

- One-week webinar on Latex organized by Department of Engineering Mathematics of LNCT College, Bhopal in association with IIT Bombay from 06-10 July, 2020.
- Successfully completed the Three Days National webinar on Operations Research organized by Department of Mathematics, SN College, Tamilnadu, India with the passing score 66% from 18-20 May, 2020.

- Successfully completed Two Weeks Professional Development Programme on Statistical Data Analysis & Documentation with R, organized by Department of Mathematics and Statistics, Faculty of Science, Integral University, Lucknow from 16-29 November, 2021.
- An International webinar on Mathematics of Computer Vision held on April 28, 2022 organized by the Department of Mathematics and Humanities, Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala, India.

Personal Information

- **Name:** Nisha Khanam
- **Date of Birth:** July 10,1993
- **Nationality-** Indian.
- **Gender-** Female
- **Marital Status-** Married.
- **Languages-** English, Hindi, Urdu.
- **Present Address-** Flat no. 403-C, Allayah Homes, Dalibagh, Luckow.
- **Permanent Address-** Fattehpur Reti, Near Puttu Lal Chauraha, Shahjahanpur, Uttar Pradesh, India.
- **Email-** nishakaif24@gmail.com , nishakhanam@iul.ac.in

Passport Details

- **Passport No.** N5151381
- **Place of Issue** Bareilly, U.P, India.
- **Date of Issue** 07/01/2016
- **Date of Expiry** 06/01/2026

References

Dr. Abdul Quddoos

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Era University, Lucknow, U.P (India), 226003
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Dr. Musharraf Ali

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Gandhi Faiz- E-Aam (P.G) College, Shahjahanpur, U.P (India),
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