

## 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

### **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.
- 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 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.

**Khanam, N., Ansari, A. H., Rabbani Q., Ahmad A. (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*.

### **Papers Communicated**

- Neutrosophic compromise programming approach for mixed allocation in multivariate-multiobjective non-linear stratified sampling problem with parabolic fuzzy numbers.
- 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](mailto:nishakaif24@gmail.com) , [nishakhanam@iul.ac.in](mailto: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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### **Dr. Athar Hussain Ansari (Principal)**

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