

Ummey Habiba

Curriculum Vitae

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Personal Details

Name Dr. Ummey Habiba
Date of Birth 07-07-1996
Nationality Indian
Gender Female
Marital Status Single
Languages English, Hindi, Urdu
Present Address 303, Aman Heights Apartment, Phoolbagh Colony, Lucknow UP, India
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Present Position

- Assistant Professor in the Department of Mathematics & Statistics, Integral University, Lucknow.

Achievement

Awarded **DST-INSPIRE** scholarship during graduation and post graduation.

Academic Qualifications

- 2017–2021 **Ph.D. in Statistics.**
Integral University Lucknow, UP, India
- 2015–2017 **Master of Science in Statistics.**
Aligarh Muslim University (AMU), Aligarh, India
7.98 CGPA (79.8%)
- 2012–2015 **Bachelor of Science in Statistics.**
Aligarh Muslim University (AMU), Aligarh, India
59.06%
- 2012 **Senior Secondary School Examination, Board of High School and Intermediate Education, Uttar Pradesh.**
MAIC, Kadirabad, Siddharthnagar UP, India
81.8%
- 2010 **Senior Secondary School Examination, Board of High School and Intermediate Education, Uttar Pradesh.**
MAIC, Kadirabad, Siddharthnagar UP, India
81.5%

Technical Skills

- Softwares : Lingo, R, MATLAB, SPSS, MINITAB
- \LaTeX , MS Office

Projects

- 2014-15 Successfully completed a group survey project titled "**Brain Drain**" which was a part of the course curriculum in graduation.
- 2016-17 Successfully completed a group survey project titled "**Stress Among Youth**" which was a part of the course curriculum in post-graduation.
- 2022-2023 Guided a group survey project titled "**A survey study on online transactions**" B.Sc. final year students of Statistics.

Research Interests

- Empirical study of the Transportation problems.
- Application of mathematical programming in Transportation Problems, Inventory Management Problem, Reliability etc.
- Stochastic Programming, Interval Programming, Neutrosophic Logic

Extra Curriculars

- Participated in Quiz competition organized by Aligarh Statistical and Operations Research Society, AMU Aligarh.
- Participated in the online Quiz on Vedic Mathematics organized by Department of Mathematics, School of Applied and Life Sciences, Uttaranchal University, Dehradun.
- Volunteer at Disability Unit, Women's College, AMU during graduation.
- Sports Proctor at New Waheed Jahan Hostel, Abdullah Hall, AMU, Aligarh.
- Winner in Inter-hostel game competition on the occasion of Hall Week, Abdullah Hall, AMU, Aligarh.
- Organized poster making competition on Statistics Day, 2023, in the department of Mathematics & Statistics, Integral University, Lucknow.

Publications

Papers Published

- Habiba, U., & Quddoos, A. (2020): A New Method to Solve Interval Transportation Problems, *Pakistan Journal of Statistics & Operation Research*, 16(4), 802-811, ESCI, SCOPUS.
- Habiba, U., & Quddoos, A. (2020): Multiobjective stochastic interval transportation problem involving general form of distributions, *Advances in Mathematics: Scientific Journal*, 9(6), 3213-3219, SCOPUS.
- Habiba, U., & Quddoos, A.: Pentagonal Neutrosophic Transportation Problems with Interval Cost, *Neutrosophic Sets and Systems*, Vol 51, 2022, ESCI, SCOPUS.

Papers Communicated

- Habiba, U., & Quddoos, A.: On solving interval fixed charge transportation problems
- Habiba, U., & Quddoos, A.: Solid transportation problem with interval parameters

Papers Presented in Conferences

- Transportation Problem with Routes Reliability, International Conference on Algebra and Applied Analysis (ICAAA-2018), August 19-11, 2018, Integral University, Lucknow, U.P., India.
- Multiobjective Stochastic Interval Transportation Problem Involving General Classes of Distributions, Recent Applications of Applied Sciences, Humanities and Engineering with Covid-19, July 12, 2020, Silicobyte Katni Degree College, Adharkap Katni, MP, India.

Invited Talk

- A Novel Approach to solve Fixed charge Interval Transportation Problems, International Indian Statistical Association (IISA2022), December 30, 2022 at IISc, Bengaluru, India.
- Chaired a session in International Indian Statistical Association (IISA2022), December 30, 2022 at IISc, Bengaluru, India.

Workshops/Webinars Attended

- Webinar on Application of Optimization Technique in Science and Engineering, organized by Cacutta Institute of Engineering And Management & University of Engineering And Management, Jaipur.
- International Webinar on Fuzzy & Neutrosophic Systems, organized by Department of Mathematical Sciences, Bodoland University, BTAD, Assam, India during August, 21-22, 2020.
- Successfully Completed the Three days National webinar on Operations Research organized by Department of Mathematics, SN college, Tamilnadu, India with the passing score of 85 % from 18-20 May, 2020.
- 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.
- Attended Instructional School for Teachers on Advanced Topic in Statistical Learning held at Indian Statistical Institute, Kolkata, during July 11-23, 2022.

Academic Activities

II-Criteria National Assessment and Accreditation Council (NAAC) of India.
Co-ordinator

Course B.Sc. (Statistics) in the department of Mathematics & Statistics, Integral University,
Co-ordinator Lucknow.

Member Board of studies (BOS), in the department of Mathematics & Statistics, Integral University,
Lucknow.

Teaching Experience

Courses taught at UG level:

- Econometrics
- Descriptive Statistics
- Probability and Test of Significance
- Numerical and Statistical Techniques
- Statistical Methods

Courses taught at PG level:

- Probability Theory
- Statistical Inference
- Statistical Techniques
- Data Analysis with SPSS

References

1. **Dr. Abdul Quddoos**
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Era University, Lucknow
UP, India, 226003
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2. **Dr. Masihuddin**
Assistant Professor, Department of Mathematics
Indian Institute of Information Technology, Guwahati
Email: masih.stats@gmail.com