

QUAZZAFI RABBANI

Department of Mathematics
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Current position: Associate Professor

Department of Mathematics, Integral University, Lucknow.

Current Engagement:

Teaching at the M. Phil/PhD level. The title of the course is Pre Ph.D.
Teaching at the Post-graduation level. The titles of the courses are MBA, M.Sc and M.Tech.
Teaching at the Graduation level. The titles of the courses are B.Tech. BBA B.Sc. and B. Com.

Work Experience:

Taught at the Graduation and Post-graduation level from 2002 to 2008 as a Research Fellow in the Department of Statistics & Operations Research, Aligarh Muslim University, Aligarh.
Integral University since 2008.

Subject Taught:

Pre Ph.D. Course: Research Methodology
PG Course: Operations Research, Quantitative Methods, Statistical Methods in Engineering, Biostatistics and Biomathematics.
UG Course: Operations Research, Business Statistics, Numerical Analysis,

Educational Qualifications:

Ph. D. (Operations Research), Aligarh Muslim University, Aligarh, (2008).
M. Phil. (Operations Research), AMU, Aligarh (2003).
M. Sc. (Operations Research), AMU, Aligarh (2001).
B. Sc. (Hon.), Statistics, Mathematics and Physics, AMU, Aligarh, (1998).

Ph. D Thesis: *Fourier's Method Applied to solve some Mathematical Programming Problems.*

M. Phil. Dissertation: *Goal Programming*

Published Articles:

1. Integer Optimum through Modified Fourier's Method: *Convergence Asia*, Jan-March, Vol.V, No.1 42-46, 2007.
2. A note on Naz Cut for Integer Programming: *Pure & Applied Matematika Sciences*, Vol. LXVIII, No.1-2. 2008.
3. Extended K-th Best Approach for Solving Bilevel Linear Integer Programming: *International Journal of Applied Mathematical Analysis and Applications* , Vol. 4, No.1, 2009.
4. An Algorithm for the Mixed-Integer Concave Quadratic Bilevel Programming Problem: *International Review of Pure and Applied Mathematics*, Vol. 5, No.2. 2009.
5. Modified Fourier's Method for Solving Multi-Objective Linear Programming Problems: *Pure & Applied Matematika Sciences*, Vol. LXX, No. 1-2 Sept. 2009.
6. Modified Fourier's Method for Solving Quadratic Programming Problems: *International Journal of Mathematical Archives*, Vol. 2, No. 11. Nov. 2011.
7. Applications of Queuing Process in Economic Literature with Some Models: *Ultra Scientist of Physical Sciences* Vol. 24(1) A, 2012. **(Impact Factor: 0.28)**
8. Applications of Queuing Models in Effective Library Management: *Bookman International Journal of Accounts, Economics and Business Management*, Vol. 1, No.1.2012.
9. Queuing Process with Two Servers in Bulk- Service: *VSRD-TNTJ International Journal*, Vol.3, No.8, 2012.
10. Application of Queuing Models in Real Life: *IOSR Journal of Mathematics*, Vol.2, No.1, July-Aug. 2012. **(Impact Factor: 1.312)**
11. A Procedure for Solving Integer Bilevel Linear Programming Problems: *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 3, Issue 1, 2014. **(Impact Factor: 1.672)**
12. Practical Implementation of Queueing Model in Human Resource Development: *International Journal of Engineering Research & Technology*, Vol. 3 Issue 1, 2014. **(Impact Factor: 1.76)**
13. An Improved Extreme Point Enumeration Technique for Assignment Problem: *The International Research Journal of Science & IT Management*, Vol.4, Number: 12, 2015

Conferences and workshops:

- Short term Course on Data Analysis/MINITAB and SPSS organized by Integral University association with CALEM, AMU, Aligarh during 2-8 February 2016.
- Participated in National Conference on Recent Trends in Mathematics: Topological Algebraic Analysis and Applications organized by Department of Mathematics and Astronomy, University of Lucknow, Lucknow on November 21-22, 2015.

- Participated in Faculty Development Program on “Perspective of Modern teaching techniques & Uses of Case Studies through experiential learning” held at Department of Business Management, Integral University, Lucknow on 22 August, 2015.
- Participated in National Workshop on Data Analysis by SPSS, Department of Mathematics, Integral University, Lucknow on February 25, 2015.
- Participated in National Workshop on Arm Controlled Robotics, Integral University, Lucknow on February 11-13, 2015.
- Participated in 1st National level workshop on Intellectual Property System: India Today & Tomorrow organized by Intellectual Property Rights Management Cell (IPRMC) CCG&D, Integral University, Lucknow in collaboration with Intellectual Property Owners Association (IPOA), New Delhi, 10th January, 2014.
- Participated as a Discussant Conference on Applied Statistics and its Applications (March 16-17, 2013) at Department of Applied Statistics, Babasaheb Bhimrao Ambedkar University (BBAU), Lucknow
- Participated as a Discussant at National Conference on **Statistical Inference, Sampling Techniques and Related Areas** (12 - 13 February, 2012) at Department of Statistics and Operations Research, AMU, Aligarh.
- Participated as a Discussant at 27th National Conference on Mathematical and Statistical Techniques and its Applications in Science and Engineering (26-27 Nov. 2011) at Department of Applied Mathematics & Statistics, BBAU, Lucknow.
- Participated as a Discussant at National Conference on **Statistical Inference, Sampling Techniques and Related Areas** (28 - 29 March, 2011) at Department of Statistics and Operations Research, AMU, Aligarh.
- Participated as a Discussant at National Conference on **Minority Education in Uttar Pradesh** (24-25 April 2010), jointly organized by AMU, Aligarh and Integral University, Lucknow.
- *An Improved Extreme Point Enumeration Technique for Assignment Problem*

Presented at International Conference on **Recent Trends in Mathematics and its Applications** (30-31 March 2009), at Department of Mathematics, Jamia Millia Islamia, New Delhi.

- Participated as a Discussant at Conference on **Mathematics** (22-23 December. 2008) at Department of Mathematics and Astronomy, University of Lucknow, and Bharat Ganita Parishad.
- Participated as a Discussant at National Workshop on **Matrices and Applications** (5th-12th January 2006), at Indian Statistical Institute, Hyderabad, Andhra Pradesh.
- Participated as a Discussant at 5th International Symposium on **Optimization and Statistics** (28-30 December 2002) at Department of Statistics & Operations Research, AMU, Aligarh.

Languages Known: English, Urdu, Hindi

Date of Birth: 15-01-1976

Father's Name: S.G. Rabbani

Mother' Name: (late) Firoza Khatoon

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