

Curriculum vitae

Ahmad Yusuf Adhami

Department of Statistics and Operations Research,
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Ph.D.	Operations Research	Aligarh Muslim University, Aligarh	2010
M.Phil.	Operations Research	Aligarh Muslim University, Aligarh	2004
M.Sc.	Operations Research	Aligarh Muslim University, Aligarh	2003
B.Sc.(Hons)	Statistics	Aligarh Muslim University, Aligarh	2001

Current Status

Assistant Professor in the Department of Statistics and Operations Research,
A.M.U., Aligarh (13 Mar 2014 onwards)

Research Interests

My current research interests are in the field of Integer Programming, Bilevel Programming and Supply Chain Management.

Career Profile

- 13 Mar 2014 onwards: Asst. Prof. at the Dept. of Statistics and Operations Research, A.M.U., Aligarh
- 04 Jan 2011 to 12 Mar 2014: Asst. Prof. at the Dept. of Mathematics, Integral University, Lucknow

Publications

- **Ahmad Yusuf Adhami** and Haneefa Kausar. (2019). Bi-Level Multi-Objective Stochastic Linear Fractional Programming with General Form of Distribution. *Statistics, Optimization and Information Computing*, (7), 0-9.
- Syed Mohd Muneeb, Mohammad Asim Nomani, Malek Masmoudi and **Ahmad Yusuf Adhami**. (2019) A bi-level decision making approach for the vendor selection problem with random supply and demand. Accepted in *Management Decision*.
- Firoz Ahmad, **Ahmad Yusuf Adhami**, Florentin Smarandache (2019). Neutrosophic Optimization Model and Computational Algorithm for Optimal Shale Gas Water Management under Uncertainty. *Symmetry*, 11(4),544; <https://doi.org/10.3390/sym11040544>
- Firoz Ahmad, **Ahmad Yusuf Adhami**. (2019). Total cost measures with probabilistic cost function under varying supply and demand in transportation problem. *OPSEARCH*. <https://doi.org/10.1007/s12597-019-00364-5>
- Haneefa Kausar and **Ahmad Yusuf Adhami**. (2019). A Fuzzy Goal Programming Approach for Solving Chance Constrained Bi-Level Multi-Objective Quadratic Fractional Programming Problem. *Applied Mathematics & Information Sciences Letters*, 7 (1), 27-35.
- Firoz Ahmad, **Ahmad Yusuf Adhami**. (2018). Neutrosophic programming approach to multiobjective nonlinear transportation problem with fuzzy parameters. *International Journal of Management Science and Engineering Management*. <https://doi.org/10.1080/17509653.2018.1545608>
- Firoz Ahmad, **Ahmad Yusuf Adhami**, Florentin Smarandache. (2018). Single Valued Neutrosophic Hesitant Fuzzy Computational Algorithm for Multiobjective Nonlinear Optimization Problem. *Neutrosophic Sets and Systems*, Vol. 22, 76-86.
- Muneeb,S.M., **Adhami, A.Y.**, Jalil, S.A., Asim, Z. (2018). Decentralised bi-level decision planning model for municipal solid waste recycling and management with cost reliability under uncertain environment. *Sustainable Production and Consumption*, (16), 33-44.
- Muneeb,S.M., **Adhami, A.Y.**, Asim, Z., Jalil, S.A. (2018). Bi-level decision making models for advertising allocation problem under fuzzy environment *International Journal of System Assurance Engineering and Management*, 1-13.

- **Adhami, A.Y.**, Muneeb,S.M., Nomani, M.A. (2017). A multi-level decision making model for the supplier selection problem in a fuzzy situation *Operations Research and Decisions* 27 (4), 5-26.
- **Adhami, A.Y.**, and Rabbani, Q. (2014). A Procedure for Solving Integer Bilevel Linear Programming Problems. *International Journal of Innovative Research in Science, Engineering and Technology*, 3(1), 8233-8237.
- Rabbani, Q., **Adhami, A.Y.** and Bari, A. (2011). Modified Fourier's Method for Solving Quadratic Programming Problems. *International Journal of Mathematical Archives*, Vol. 2, No. 11, 2005-2012.
- **Adhami, A.Y.**, Bari, A., and Rabbani, Q. (2009). Extended Kth-Best Approach for Solving Bilevel Linear Integer Programming. *International Journal of Applied Mathematical Analysis and Applications*, 4(1), 11-17.
- **Adhami, A.Y.**, Bari, A., and Rabbani, Q. (2009). An Algorithm for the Mixed-Integer Concave Quadratic Bilevel Programming Problem. *International Review of Pure and Applied Mathematics*, 5(2), 355-361.
- Rabbani, Q., **Adhami, A.Y.** and Bari,A.(2009). Modified Fourier's Method for Solving Multi-Objective Linear Programming. *Pure and Applied Matematika Sciences*,LXX(1-2), 107-112.
- Rabbani, Q., **Adhami, A.Y.** (2008). A Note on NAZ cut for Integer Programming.*Pure and Applied Matematika Sciences*,LXVIII(1-2), 75-77.
- Rabbani, Q., **Adhami, A.Y.** and Bari, A. (2007). Integer optimum through Modified Fourier's Method,*Convergence Asia*,.V(1). Jan.-Mar. 42-46.

Book Chapters

- Firoz Ahmad, **Ahmad Yusuf Adhami**, Florentin Smarandache. (2020). Modified neutrosophic fuzzy optimization model for optimal closed-loop supply chain management under uncertainty. *Optimization Theory Based on Neutrosophic and Plithogenic Sets.(Elsevier)* 343-404.

Proceedings and Abstracts

- Syed Mohd Muneeb, **A.Y. Adhami** (2019): A Multi-Criteria Decision Making Model for the Optimal Planning of Municipal Solid Waste under Uncertainty. VII National Seminar on optimization, Inference, Sampling Techniques and Related Areas. March 09-10, Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh.
- Firoz Ahmad, **A.Y. Adhami** (2019): Bounded Solution Method for Probabilistic Transportation Problem under Varying Supply and Demand. VII National Seminar on optimization, Inference, Sampling Techniques and Related Areas. March 09-10, Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh.
- Syed Mohd Muneeb, **A.Y. Adhami** (2017): Optimizing a Bi-Level TV Advertising Campaign Under Uncertain Environment. In: Proceedings of International Conference on Mathematics. August 04-05, 2017, Dept. of Mathematics, Providence College for Women, Coonoor, Tamil Nadu, India.
- Syed Mohd Muneeb, **A.Y. Adhami**, M.A. Nomani (2017): A Fuzzy Multilevel Decision Making Model: Application to Vendor Selection Problem with Uncertain Demand and Supply. In: Proceedings of *International Conference on Quality, Productivity, Reliability, Optimization and Modeling – ICQPROM 2017*, January 5-7, 2017, Manav Rachna International University, Faridabad (Delhi-NCR), India.
- Firoz Ahmad, **A.Y. Adhami** (2017): An Approach to solve Multi-objective Capacitated Fractional Transportation Problem. In: Proceedings of *International Conference on Quality, Productivity, Reliability, Optimization and Modeling – ICQPROM 2017*, January 5-7, 2017, Manav Rachna International University, Faridabad (Delhi-NCR), India.
- Syed Mohd Muneeb, **A.Y. Adhami** (2017): A Fuzzy Programming Approach for Bi-Level Multi-Objective Vendor Selection Problem in a Supply Chain. *19th Annual National Conference, Statistics and Informatics in Agricultural and Allied Sciences*, March 06-08, 2017, Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu, Jammu (J&K), India.
- Syed Mohd Muneeb, **A.Y. Adhami** (2016): A Fuzzy Bi-level Multi-objective Decision Making Model for Supplier Selection Problem in Supply Chain. *VIII International Symposium on Statistics and Optimization in conjunction with*

XXXVI Annual Convention of Indian Society for Probability and Statistics (ISPS), December 17-19, 2016. Dept. of Statistics and O.R. A.M.U. Aligarh.

- Firoz Ahmad, **A.Y. Adhami** (2016): An Approach to solve Multi-objective Capacitated Fractional Transportation Problem. *VIII International Symposium on Statistics and Optimization in conjunction with XXXVI Annual Convention of Indian Society for Probability and Statistics (ISPS)*, December 17-19, 2016. Dept. of Statistics and O.R. A.M.U. Aligarh.
- Haneefa Kausar, **A.Y. Adhami** (2016): Bi-level Multi-objective Stochastic Linear Fractional Programming with General Form of Distributions. *VIII International Symposium on Statistics and Optimization in conjunction with XXXVI Annual Convention of Indian Society for Probability and Statistics (ISPS)*, December 17-19, 2016. Dept. of Statistics and O.R. A.M.U. Aligarh.

Academic achievements

- Awarded with a university medal for standing first in M. Sc. Program (2003)
- Awarded a 5-year university fellowship by the University Grants Commission (UGC) for pursuing research work leading to a Ph.D. degree (2003-2008).

Research Projects

- University Grant Commission (UGC) start-up grant of Rs 6,00,000 awarded in September 2015.

Membership of Professional Societies / Journals:

- Operational Research Society of India
- Amity Journal of Operations Management
- Associate Editor, Aligarh Journal of Statistics

Faculty Training Programs attended

- Participated in “Orientation Programme” from 01-09-2016 to 30-09-2016 organized by UGC Human Resource Development Centre (HRDC), Aligarh Muslim University.

- Participated in “Subject Refresher Course on Environmental Studies” from 01-12-2017 to 22-12-2017 organized by UGC Human Resource Development Centre (HRDC), Aligarh Muslim University.
- Participated in “Special Winter School” from 06-12-2018 to 27-12-2018 organized by UGC Human Resource Development Centre (HRDC), Aligarh Muslim University.

Workshops and Conferences attended

- **National Workshop on Matrices and its Applications**, Indian Statistical Institute, Hyderabad (Jan 2006)
- **International Symposium on Optimization and Statistics**, Dept. of Statistics and O.R., A.M.U., Aligarh (29-31 Dec 2008)
- **Winter School on Operations Research and its Applications**, Indian Statistical Institute, Chennai (16-27 Feb, 2009).
- **Workshop on Data Analysis with R. and SPSS**. Dept. of Statistics and O.R.,A.M.U., Aligarh (11-16 Jan 2010)
- **National Conference on Mathematical and Statistical Techniques and its Applications in Science and Engineering**, Department of Applied Mathematics & Statistics, BBAU, Lucknow (26-27 Nov 2011)
- **National Conference on Statistical Inference, Sampling Techniques and Related Areas**, Department of Statistics and Operations Research, AMU, Aligarh (10-11 Feb 2012)
- **Conference on Applied Statistics and its Applications**, Department of Applied Mathematics & Statistics, BBAU, Lucknow (16-17 March 2013)
- **National Workshop on Intellectual Property System: India, Today and Tomorrow**, Intellectual Property Rights Management Cell, CCG&D, Integral University, Lucknow (10 Jan 2014)
- **One-Day Data Dissemination Workshop on Census-2011**, Department of Statistics and Operations Research, AMU, Aligarh (Nov. 19,2014)
- **V National Conference on Statistical Inference, Sampling Techniques and Related Areas**, Department of Statistics and Operations Research, AMU, Aligarh (24-25 March 2015)

- **VIII International Symposium on Statistics and Optimization in conjunction with XXXVI Annual Convention of Indian Society for Probability and Statistics (ISPS)**, Dept. of Statistics and O.R. A.M.U. Aligarh, (December 17-19, 2016).
- **UGC Sponsored workshop on MOOCs, e-content Development and Open Educational Resources**, UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh (01 February- 07 February 2019).
- **VII National Seminar on optimization, Inference, Sampling Techniques and Related Areas**. Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh. (March 09-10, 2019)

Review Work for Journals

- Journal of Modelling in Management.
- Management Decisions.
- The Journal of Advanced Statistics

Contribution to Departmental/Faculty/University Activities

- Facilitator, Internal Quality Assurance Cell (IQAC).
- Department Training and Placement officer.
- Member, Department Career and Counseling Committee.
- Facilitator, Academic and Administrative Audit Committee.

Computer Proficiency

SPSS and LINGO software

Language Proficiency

English, Hindi, Urdu

Personal Details

Name: Ahmad Yusuf Adhami
 Father's Name: Mr. Mohd. Asim Adhami
 Date of Birth: 22nd October 1978
 Marital Status: Married
 Permanent Address: D-81, Sarvodaya Nagar, Lucknow. 226016