

MUHAMMAD JAMIL

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OBJECTIVE

To work in an environment that encourages creativity, quality and hard working. Also develop and promote creativity as well as high-order thinking skills that increase the performance of the students.

EDUCATION

PhD, Mathematics

2020

Dissertation: Applications of Generalized Fuzzy Aggregation Operators in Decision Making Problems.

Riphah International University

Islamabad, Pakistan

MS, Mathematics

2011

Dissertation: Genuses of the Coset Diagrams for Triangular Group $\Delta(2,4,5)$

Riphah International University

Islamabad, Pakistan

TEACHING EXPERIENCE

National University of Sciences and Technology (NUST), MCS

Islamabad, Pakistan

Visiting Lecturer

October 2019- Present

- Teaching various mathematical courses at undergraduate level. I teach subjects such as Calculus and Analytical Geometry, Numerical Computing, Linear Algebra & Ordinary Differential Equations and Complex Variable & Transform.

Fauji Foundation College for Boys,

Rawalpindi, Pakistan

Mathematics Lecturer

April 2012- April 2019

- Teaching Mathematics at Intermediate and Matric level. I have a formal degree in pedagogy (Bachelor of Education) with the special emphasis on the teaching of Mathematics.

PhD DISSERTATION:

My PhD study aims to analyze the real life decision making problems under generalized fuzzy environment. Decision making became prominent in late 60's and with the passage of time proved very effective in dealing with aggregation operator theory. Algorithms are developed for the aforementioned aggregation operators to elaborate multi-criteria decision making under intuitionistic and neutrosophic environment. Practicality and validity of the suggested aggregation operators have been illustrated through numerical examples.

PUBLICATIONS

<https://scholar.google.com.pk/citations?hl=en&user=nx4JIeoAAAAJ>

- (1) **M. Jamil**, F. Afzal, A. Maqbool, S. Abdullah, A. Akgul, A. Bariq, "Multiple Attribute Group Decision Making Approach for Selection of Robot under Induced Bipolar Neutrosophic Aggregation Operators" *Complex Intell. Syst.* (2023). <https://doi.org/10.1007/s40747-023-01264-4> ; (IF 5.8)
- (2) **M. Jamil**, F. Afzal, A. Akgül, S. Abdullah, A. Maqbool, A. Razzaque, M.B. Riaz, J. Awrejcewicz, "Einstein Aggregation Operators under Bipolar Neutrosophic Environment with Applications in Multi-Criteria Decision-Making" *Appl. Sci.* **2022**, *12*, 10045. <https://doi.org/10.3390/app121910045> (IF 2.838)
- (3) **M. Jamil**, F. Afzal, D. Afzal, D. K. Thapa, A. Maqbool, "Multicriteria Decision Making Methods using Bipolar Neutrosophic Hamacher Geometric aggregation Operators" *Journal of Function Spaces*, vol.2022, <http://doi.org/10.1155/2022/5052867>, (2022); (IF 1.807)
- (4) **M. Jamil**, K. Rahman, S. Abdullah, M. Yaqub Khan, "The Induce Generalized Interval-Valued Intuitionistic Fuzzy Einstein Hybrid Geometric Aggregation Operator and Their application to Group Decision-making" *Journal of Intelligent & Fuzzy Systems*. *38* (2) 1737-1752, (2020); (IF 1.637)
- (5) M. Shakeel, M. Aslam, N. Amin, **M. Jamil**, "Method of MAGDM based on Pythagorean trapezoidal uncertain linguistic hesitant fuzzy aggregation operator with Einstein operations" *Journal of Intelligent & Fuzzy Systems*. *38* (2) 2211-2230, (2020); (IF 1.637)
- (6) M. Shakeel, S. Abdullah, M. Aslam, **M. Jamil**, "Ranking methodology of induced Pythagorean trapezoidal fuzzy aggregation operators based on Einstein operations in group decision making" *Soft Computing*. *24*, 7319-7334; (IF 2.784)
- (7) **M. Jamil**, S. Abdullah, M. Yaqub Khan, F. Smarandache, F Ghani, "Application of the Bipolar Neutrosophic Hamacher Averaging Aggregation Operators to Group Decision Making: An Illustrative Example" *Symmetry*. *11*(5), (2019); (IF 2.143)

- (8) K. Rahman, S. Abdullah, **M. Jamil**, M. Yaqub Khan, “Some Generalized Intuitionistic Fuzzy Einstein Hybrid Aggregation Operators and Their Application to Multiple Attribute Group Decision Making” *International Journal of Fuzzy Systems*. 20 (5), 1567-1575, (2018); (IF 2.396)

PARTICIPATED CONFERENCES

1. Participated in 14th International Pure Mathematics Conference 2013, Islamabad, August 23-25, 2013.
2. Participated in International Webinar on Neutrosophic Sets, Islamabad, August 03-04, 2020. Organized by the Department of Mathematics, Sri Sivasubramaniya Nadar College of Engineering Kalavakkam, Kancheepuram

COMPUTER SKILLS

1. Python
2. Maple
3. Matlab
4. Scientific work place
5. MS Excel
6. MS Words

REFERENCES

1. **Dr. Muhammad Aslam, Associate Professor**
Department of Mathematics, King Khalid University, Abha, Saudi Arabia.
E-mail: draslamqau@yahoo.com
2. **Dr. Ayesha Maqbool, Associate Professor**
MCS, National University of Science and Technology (NUST), Islamabad, Pakistan.
E-mail: ayesha.maqbool@mcs.edu.pk
3. **Dr. Deedar Nabi, Research Scientist**
GEOMAR – Helmholtz Centre for Ocean Research, Kiel, Germany.
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4. **Dr. Farkhanda Afzal, Associate Professor**
College of Telecommunication Engineering (MCS), National University of Science and Technology (NUST), Islamabad, Pakistan.
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5. **Dr. Shahid Mehmood, Research Scientist**
University of Saskatchewan, Saskatoon, Canada.
E-mail: shahidmehmood2000@gmail.com