Name	Dr. Salma Khan		
Personal	*Lecturer, Dept. of Mathematics, Women University Mardan, KP* *Email Address: 55312@hu.edu.pk, salmakhan359@gmail.com*		
Experience	**Designation**	**Duration**	**Institution**
	Lecturer	2024	Women University Mardan, KPK, Pakistan
	Research Associate	2023- 2024	Hazara University Mansehra, KPK, Pakistan
	Lecturer	2021-2022	Hazara University Mansehra, KPK, Pakistan
	Lecturer	2019-2020	Women University Mardan, KPK, Pakistan
Honors and Awards Memberships	- Received Naway Sahar Laptop under Chief Minister Laptop Scheme A tribute to youth talent. - Prime Minister Scholarships: For M.Phil Hazara University, Mansehra Pakistan.		
Graduate Students Postdocs Undergraduate Students Honors Students	• NA		
Service Activity	*Teaching, Research*		
Brief Statement of Research Interest	- Theoretical advancement in fuzzy sets. - Applications of fuzzy logic in decision-making - Applications of fuzzy sets - Algorithms development of fuzzy systems - q-Rung orthopair fuzzy hypersoft sets - Type-2 fuzzy sets and hypersoft sets - Fuzzy AI		
Publications	1. **Khan S**, Gulistan M, Wahab HA. Development of the structure of q-rung orthopair fuzzy hypersoft set with basic operations. Punjab University Journal of Mathematics. 2022 Feb 24;53(12). 2. **Khan S**, Gulistan M, Kausar N, Kousar S, Pamucar D, Addis GM. Analysis of cryptocurrency market by using q-rung orthopair fuzzy hypersoft set algorithm based on aggregation operators. Complexity. 2022 Jul 13;2022. 3. **Khan S**, Gulistan M, Kausar N, Pamucar D, Ozbilge E, El-Kanj N. q-Rung orthopair fuzzy hypersoft ordered aggregation operators and their application towards green supplier. Frontiers in Environmental Science. 2023 Feb 1; 10:2738. 4. **Khan S**, Gulistan M, Kausar N, Pamucar D, Hong TP, Wahab HA. Aggregation Operators for Decision Making Based on q-Rung Orthopair Fuzzy Hypersoft Sets: An Application in Real Estate Project. CMES-Computer Modeling in Engineering and Sciences. 2023 Jan 1;136(3). 5. **Khan S**, Gulistan M, Kausar N, Kadry S, Kim J. A Novel Method for Determining Tourism Carrying Capacity in a Decision-Making Context Using q-Rung Orthopair Fuzzy Hypersoft Environment. CMES-Computer Modeling in Engineering and Sciences. 2024 Feb 1;138(2). 6. Batool N, Hussain S, Kausar N, Munir M, Li RY, **Khan S**. Intuitionistic multi fuzzy ideals of near rings. Decision Making: Applications in Management and Engineering. 2023 Apr 8;6(1):564-82. 7. Al-Sabri EH, Rahim M, Amin F, Ismail R, **Khan S**, Alanzi AM, Khalifa HA. Multi-criteria decision-making based on Pythagorean cubic fuzzy Einstein		

	aggregation operators for investment management. AIMS Mathematics. 2023;8(7):16961-88.
8.	Mani G, Gnanaprakasam AJ, Kausar N, Munir M, **Khan S**, Ozbilge E. Solving an integral equation via intuitionistic fuzzy bipolar metric spaces. Decision Making: Applications in Management and Engineering. 2023 Jul 8;6(2):536-56.
9.	Rahim M, Eldin EM, **Khan S**, Ghamry NA, Alanzi AM, Khalifa HA. Multi-criteria group decision-making based on dombi aggregation operators under p, q-quasirung orthopair fuzzy sets. Journal of Intelligent and Fuzzy Systems. (Preprint):1-22.
10.	Madasi JD, **Khan S**, Kausar N, Pamucar D, Gulistan M, Sorowen B. N-Cubic q-rung orthopair fuzzy sets: Analysis of the use of mobile app in the education sector. Computational Intelligence and Neuroscience. 2022 Sep 30;2022.
11.	Al Shumrani MA, Gulistan M, **Khan S**. The neutro-stability analysis of neutrosophic cubic sets with application in decision making problems. Journal of Mathematics. 2020 Nov 29; 2020:1-6.
12.	Gulistan M, Wahab HA, Smarandache F, **Khan S**, Shah SI. Some linguistic neutrosophic cubic mean operators and entropy with applications in a corporation to choose an area supervisor. Symmetry. 2018 Sep 22;10(10):428.
13.	Madasi JD, **Khan S**, Kausar N, Pamucar D, Addis GM, Gulistan M. A Novel Decision-Making Process in the Environment of Generalized Version of Fuzzy Sets for the Selection of Energy Source. Advances in Mathematical Physics. 2022 Aug 23;2022.
14.	Rashid S, Gulistan M, Jun YB, **Khan S**, Kadry S. N-Cubic sets, and aggregation operators. Journal of Intelligent and Fuzzy Systems. 2019 Jan 1;37(4):5009-23.
15.	Nawaz S, Gulistan M, **Khan S**. Weak LA-hypergroups; neutrosophy, enumeration and redox reaction. Infinite Study; 2020 Oct 1.
16.	Rahim M, Garg H, **Khan S**, Alqahtani H, Khalifa HA. Group decision-making algorithm with sine trigonometric p, q-quasirung orthopair aggregation operators and their applications. Alexandria Engineering Journal. 2023 Sep 1; 78:530-42.
17.	Gulistan M, Rehman I, Shahzad M, Nawaz S, **Khan S**. Generalized Neutrosophic Semirings. Neutrosophic Sets and Systems. 2021;47(1):34.
18.	Gulistan M, Mohammad M, Karaaslan F, Kadry S, **Khan S**, Wahab HA. Neutrosophic cubic Heronian mean operators with applications in multiple attribute group decision-making using cosine similarity functions. International Journal of Distributed Sensor Networks. 2019 Sep;15(9):1550147719877613.
19.	Palanikumar M, Kausar N, Pamucar D, **Khan S**, Shah MA. Complex Pythagorean Normal Interval-Valued Fuzzy Aggregation Operators for Solving Medical Diagnosis Problem. International Journal of Computational Intelligence Systems. 2024 Dec;17(1):1-28.
20.	Kang L, **Khan S**, Rahim M, Shah K, Abdeljawad T. Development p, q, r-Spherical Fuzzy Einstein Aggregation Operators: Application in Decision-Making in Logo Design. IEEE Access. 2024 Apr 29.
21.	**Salma Khan**; Decision-making Problem with p,q-Quasirung Orthopair Fuzzy Frank Aggregation Operators for the Evaluation of best Investment Company (Accepted in Journal of intelligent & fuzzy system).

Research Grants and Contracts.	• NRPU Project: Multi-sided platform ecosystem
Other Research or Creative Accomplishments	• A two-day workshop on Pure and Applied Mathematics, 22-23 April 2024, UAF Faisalabad.

	• 19th CONFERENCE ON RECENT ADVANCES IN MATHEMATICAL METHODS, MODELS, & APPLICATIONS MARCH 2–3, 2024, Lahore school of economics, Department of mathematics and statistical sciences • International Conference on Recent Trends in Applied Mathematics- 2023, UET Lahore.
Selected Professional Presentations.	NA