

Name	Maria Shams (PhD Scholar)		
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Experience	Designation	Duration	Institution
	Lecturer	2024	Women University Mardan, KPK, Pakistan
	Lecturer	2023	Govt Girls Degree College Sheikh Maltoon Mardan
	Lecturer	2022	Govt Girls Degree College Sheikh Maltoon Mardan
	Lecturer	2021	Govt Girls Degree College Sheikh Maltoon Mardan
	Lecturer	2018- 2019	Jinnah School and College Yar Hussain Swabi
	Research Assistant (Under HEC Project)	2019- 2021	Abdul Wali Khan University Mardan, KPK, Pakistan
Honors and Awards			
Memberships			
Graduate Students Postdocs Undergraduate Students Honors Students	• NA		
Service Activity	<i>Teaching, Research Assistant, CO-Principal Investigator</i>		
Brief Statement of Research Interest	<ul style="list-style-type: none"> • Fuzzy decision support system. • Triangular Fuzzy aggregation operators and their application in decision making problem. • q-linear Diophantine fuzzy emergency decision support system for COVID19. • Non-Linear Diophantine Fuzzy set. • Complex non-linear diophantine fuzzy decision support system. • Complex non-linear Diophantine fuzzy Dombi aggregation operators. • Non-Linear Diophantine Fuzzy Hamacher Aggregation Information. 		
Publications	<ol style="list-style-type: none"> 1. Almagrabi, A.O., Abdullah, S., Shams, M., Al-Otaibi, Y.D. and Ashraf, S., 2021. A new approach to q-linear Diophantine fuzzy emergency decision support system for COVID19. <i>Journal of Ambient Intelligence and Humanized Computing</i>, pp.1-27. 2. Shams, M., Almagrabi, A.O. and Abdullah, S., 2023. Emergency shelter materials under a complex non-linear diophantine fuzzy decision support system. <i>Complex & Intelligent Systems</i>, pp.1-22 		

	<p>3. Shams, M. and Abdullah, S., 2023. Selection of best industrial waste management technique under complex non-linear Diophantine fuzzy Dombi aggregation operators. <i>Applied Soft Computing</i>, 148, p.110855.</p> <p>4. Shams, M., Abdullah, S., Khan, F., Ali, R. and Muhammad, S., 2024. Fuzzy Decision Support Systems for Selection of NEA Detection Technologies Under Non-Linear Diophantine Fuzzy Hamacher Aggregation Information. <i>IEEE Access</i>, 12, pp.32111-32139.</p> <p>5. Fuzzy Decision Support Systems based on Triangular Fuzzy Dombi Aggregation Information (Submitted to Soft Computing Journal) Under review.</p>		
Research Grants and Contracts.	Date	Title	Agency/Organization
Completed	March 2020 to December 2020	CO-PI (CO PRINCIPAL INVESTIGATOR) entitled “ A New Model of Emergency Decision Support System on Environmental Problem of COVID-19 under the q-rung Diophantine fuzzy aggregation Information ”	Ministry of Education King Abdul Aziz University, Deanship of Scientific Research, Kingdom of Saudi Arabia. www.Kau.edu.sa/dsr
	September 2019 to September 2021	Research Assistant entitled “Fuzzy Mathematical Modelling for Decision Support System and Smart Grid System”	At AWKUM under HEC project (HEC/R&D/NRPU/2017/10701)
Other Research or Creative Accomplishments			
Selected Professional Presentations.	NA		