

CURRICULUM VITAE

PERSONAL DATA

Name	Sobia Sultana
Nationality	Pakistani
Position	Assistant Professor
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EDUCATION

Year	Academic Degree	Institution
2009	Ph.D	Abdus Salam School of Mathematical Sciences, GCU, Lahore, Pakistan.
2003	M.Sc.	Department of Mathematics, University of the Punjab, Lahore, Pakistan.
2000	B.Sc.	University of the Punjab, Lahore, Pakistan.
1995	HSSC	Lahore College for Women, Lahore, (BISE, Lahore), Pakistan.

WORK EXPERIENCE

Period	Position	Address
Aug 2014- To Date	Assistant Professor	Imam Mohammad Ibn Saud Islamic University, Riyadh, KSA.
Jan 2014-Jun 2014	Assistant Professor	Jazan Unverisity, KSA
Feb 2010-Dec2013	Assistant Professor	Department of Mathematics, CIIT, Islamabad, Pakistan
Jan 2009-Jan 2010	Assistant Professor	Department of Science and Humanities, FAST University, Peshawar, Pakistan.

RESEARCH INTERESTS

Field Extensions & Galois Theory, Commutative Algebra, integral inequalities, fractional Calculus, optimization.

PUBLICATIONS

1. A novel analytical view of time-fractional Korteweg-De Vries equations via a new integral transform
2. Fractional-order partial differential equations describing propagation of shallow water waves depending on power and Mittag-Leffler memory.
3. Fuzzy fractional estimates of Swift-Hohenberg model obtained using the Atangana-Baleanu fractional derivative operator.
4. Identification of numerical solutions of a fractal-fractional divorce epidemic model of nonlinear systems via anti-divorce counseling .
5. More efficient estimates via \hbar -discrete fractional calculus theory and applications.
6. New Developments in Weighted n-Fold Type Inequalities via Discrete Generalized \hbar -Proportional Fractional Operators.
7. New formulation for discrete dynamical type inequalities via h-discrete fractional operator pertaining to nonsingular kernel.
8. Novel aspects of discrete dynamical type inequalities within fractional operators having generalized \hbar -discrete Mittag-Leffler kernels and application.On Comparative Analysis for the Black-Scholes Model in the Generalized Fractional Derivatives Sense via Jafari Transform.
9. A novel analytical view of time-fractional Korteweg-De Vries equations via a new integral transform.
10. On the Analytical Treatment for the Fractional-Order Coupled Partial Differential Equations via Fixed Point Formulation and Generalized Fractional Derivative Operators.
11. Some further extensions considering discrete proportional fractional operators.
12. Some inequalities for a new class of convex functions with applications via local fractional integral.
13. Relative spectral Norm on algebraic Numbers.
14. v-Adic maximal extensions, spectral norms.