



Faculty Details Proforma



Title	Dr.	First Name	Shveta	Last Name	Grover Kuckreja	Photograph
Designation	Assistant Professor					
Address	Department of Mathematics Shaheed Bhagat Singh College (University of Delhi) Sheikh Sarai, Phase II New Delhi-110017					
Date of Birth	09-Apr-1981					
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Educational Qualifications						
Degree	Institution				Year	
Ph.D. Mathematics	Department of Mathematics, University of Delhi				2022	
M.Phil. Mathematics	Department of Mathematics, University of Delhi				2007	
Master of Mathematics	St. Stephen's College, University of Delhi				2005	
Bachelor of Education	Maharishi Valmiki College of Education, University of Delhi				2003	
Bachelor of Mathematics	Lakshmi Bai College, University of Delhi				2002	
Career Profile						
<p>Dr. Shveta Grover Kuckreja is currently serving as an Assistant Professor in the Department of Mathematics, Shaheed Bhagat Singh College, University of Delhi. She has qualified UGC – CSIR National Eligibility Test with Junior Research Fellowship in Mathematical Sciences and has been involved in teaching and research for nearly two decades. She has taught a wide range of courses in both Pure and Applied Mathematics. Besides this, her research interests and areas of specialization include Functional Equations, Sum Form Functional Equations, Entropies, Operator Theory and their applications to Measures of Uncertainty and Diversity Indices. She has attended numerous National and International Conferences and has a number of publications in Journals of International repute.</p>						

Areas of Interest / Specialization							
Operator Theory, Information Theory and Sum Form Functional Equations							
Papers Taught							
Analysis, Algebra, Calculus, Probability and Statistics, Information Theory and Coding, Discrete Mathematics, Mathematical Finance, Mathematical Statistics							
Research Publications							
Article Name	Publication Type	Journal Name	ISSN No.	Vol	Year	URL	DOI
On the stability and general solution of a sum form functional equation emerging from information theory	Scopus	Bulletin of Mathematical Analysis and Applications	1821-1291	12	2020	https://www.emis.de/journals/BMAA/repository/docs/BMAA12-3-1.pdf	–
On the stability of a sum form functional equation related to nonadditive entropies	Scopus	Journal of Mathematics and Computer Science	2008-949X	23	2021	https://www.isr-publications.com/jmcs/articles-9334-on-the-stability-of-a-sum-form-functional-equation-related-to-nonadditive-entropies%20	http://dx.doi.org/10.22436/jmcs.023.04.06
On the stability of a nonmultiplicative type sum form functional equation	Scopus	Italian Journal of Pure and Applied Mathematics	2239-0227	45	2021	https://ijpam.uniud.it/online_issue/202145/28%20Grover-KumarSingh.pdf	–

On a sum form functional equation emerging from statistics and its applications	Scopus	Results in Nonlinear Analysis	2636-7556	4	2021	https://dergipark.org.tr/en/pub/rna/issue/60678/843040	https://doi.org/10.53006/rna.843040
On the stability of a sum form functional equation related to entropies of type (α, β)	MathSciNet (American Mathematical Society)	Journal of Nonlinear Sciences and Applications	2008-1901	14	2021	https://www.ipublications.com/jnsa/articles-9317-on-the-stability-of-a-sum-form-functional-equation-related-to-entropies-of-type-alpha-beta	http://dx.doi.org/10.22436/jnsa.014.03.06
On the stability of a multiplicative type sum form functional equation	UGC care list (Group I)	Ratio Mathematica	1592-7415	41	2021	On the stability of a multiplicative type sum form functional equation Madan Ratio Mathematica	–
On a functional Equation related to diversity	Scopus	Montes Taurus Journal of Pure and Applied Mathematics	2687-4814	4(1)	2022	https://mtjpamjournal.com/wp-content/uploads/2021/09/MTJPAM-D-21-00030.pdf	–

On some Pexider type sum form functional equations	Scopus	Montes Taurus Journal of Pure and Applied Mathematics	2687-4814	4(3)	2022	https://mtjpamjournal.com/wp-content/uploads/2023/02/MTJPAM-D-22-00027.pdf	–
On the sum form functional equation related to diversity index	Scopus	Demonstratio Mathematica	2391-4661	58	2025	On the sum form functional equation related to diversity index	–

Conference / Workshop Organized

- **National Seminar on Viksit Bharat @2047** organized by Shaheed Bhagat Singh College, University of Delhi, on 26th April, 2025. (Member, Organizing Committee)
- **Annual Inter College Mathematics Festival: Ganitam** organized by Department of Mathematics, Shaheed Bhagat Singh College, University of Delhi, on 13th April, 2024. (Event Coordinator: Escape Room)
- **International G20 Conference on Resilient Approaches for New World Order & Viksit Bharat** organized by Shaheed Bhagat Singh College, University of Delhi, on 25th September, 2023. (Member, Organizing Committee)
- **Workshop on Mathematica** organized by the Department of Mathematics, P.G.D.A.V. College, University of Delhi, 2010. (Member, Organizing Committee)
- **Guest Speaker Lecture Series** organized by the Department of Mathematics, P.G.D.A.V. College, University of Delhi, 2014 – 2015. (Member)
- **International Conference on Operator Theory and Related Areas** organized by the Department of Mathematics, University of Delhi, during 9 – 12 January, 2008. (Member, Inaugural Committee)
- **National Workshop on Analysis** organized by the Department of Mathematics, University of Delhi, during 27 – 28 September, 2007. (Member, Organizing Committee)

Awards and Distinctions

Selected amongst top scholars at National Level for the prestigious scholarship by **National Board for Higher Mathematics**, Government of India.