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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Web-Page		Nil				

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

- Shaheed Bhagat Singh College (Regular Basis), University of Delhi, April 2023-till date.

- P.G.D.A.V. College, University of Delhi, October 2010 - January 2016.

- Zakir Husain Delhi College, University of Delhi, December 2008 - July 2010.

- Indraprastha College for Women, University of Delhi, July 2008 - December 2008.

- Jesus and Mary College, University of Delhi, July 2006 - July 2008.

Areas of Interest / Specialization
Information Theory and Sum Form Functional Equations

Papers Taught
Probability and Statistics, Group Theory, Linear Algebra, Calculus

Research Guidance
Nil

Publications Profile

1. D.K. Singh and **S. Grover**, On the stability and general solution of a sum form functional equation emerging from information theory, *Bulletin of Mathematical Analysis and Applications*, **12(3)** (2020), 1 - 18, ISSN: 1821 - 1291.

2. D.K. Singh and **S. Grover**, On the stability of a sum form functional equation related to entropies of type (α,β), *Journal of Nonlinear Sciences and Applications*, **14(3)** (2021), 168 - 180, E-ISSN: 2008 - 1901.

3. D.K. Singh and **S. Grover**, On the stability of a sum form functional equation related to nonadditive entropies, *Journal of Mathematics and Computer Science*, **23(4)** (2021), 328 - 340, E-ISSN: 2008 - 949X.

4. D.K. Singh and **S. Grover**, On the stability of a nonmultiplicative type sum form functional equation, *Italian Journal of Pure and Applied Mathematics*, **45** (2021), 360 - 374, ISSN: 2239 - 0227.

5. D.K. Singh and **S. Grover**, On a sum form functional equation emerging from statistics and its applications, *Results in Nonlinear Analysis*, **4(2)** (2021), 65 - 76, ISSN: 2636 - 7556.

Conference/ workshop Organized

- Played an active role in organizing a workshop on **Mathematica** in 2010 for the students of P.G.D.A.V. College, University of Delhi.

- Member of the core team that organized monthl*y* **Guest Speaker lectures** for the students of P.G.D.A.V. College, University of Delhi.

- Organized **Mathematical Quiz** at Jesus and Mary College, University of Delhi.

Awards and Distinctions

- Selected amongst Top Scholars at National Level for the Prestigious Scholarship by **National Board of Higher Mathematics**, Government of India.

Association With Professional Bodies

Nil

Other Activities

- Participated in the *"National Workshop on Analysis-2007"* organized by the Department of Mathematics, University of Delhi.

- Participated in the *"International Conference on Operator Theory and Related Areas-2008"* organized by the Department of Mathematics, University of Delhi.

- Participated in *"One-day Workshop on Mathematica on 8th December 2010"* organized by the Department of Mathematics, South Campus, University of Delhi.

- Participated in the *"Introductory Session for Four Year Foundation Course July 2013"* organized by the University of Delhi.

- Participated and Presented a paper titled **"The Stability of a Sum Form Functional Equation Emerging in Information Theory"** in the *National Conference on Algebra, Coding, and Cryptography* organized by the Department of Mathematics, University of Delhi, during 14 - 15 October, 2016.

- Participated In *"Faculty Development Programme on Statistical Computing Software R"* organized by the Department of Mathematics, Keshav Mahavidyalaya University of Delhi, on 24th March, 2017.

- Participated and Presented a paper titled **"The Stability Of a Non-Multiplicative Type Sum Form Functional Equation"** in the *Research Scholar Seminar and Annual Conference of the Society of Mathematical Sciences (Delhi)* organized by the Department of Mathematics, University of Delhi, during May 01 - 02, 2017.

- Participated and Presented a paper titled **"On the Sum Form Functional Equations Related to Entropies in Information Theory"** in the First National Conference on *Application of Mathematical Tools in Social Sciences and Sciences* (Online) organized by Zakir Husain Delhi College, University of Delhi, during October 17 - 18, 2020.

- Participated in One week (online) Faculty Development Programme on *"E-content Generation and Managing Online Teaching"* organized by Sri Aurobindo College (E), University of Delhi, during December 11 - 17, 2020.

- Participated in One week (online) Faculty Development Programme on *"Exploratory Data Analysis using Statistical Software R and SPSS"* organized by Mata Sundri College for Women, University of Delhi, during January 07 - 13, 2021.

- Participated in Two weeks Online Workshop on **"Vedic Mathematics"** organized by Mahatma Hansraj Faculty Development Centre, Hansraj College University of Delhi, during December 02 – 13, 2021.