




Faculty Details Proforma



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| Title | Mr. | First Name | Govind | Last Name | Singh | Photograph |
| Designation | Assistant Professor | | | | |  |
| Address | Department of Mathematics Shaheed Bhagat Singh College (University of Delhi) Delhi-110017 | | | | | |
| Date of Birth | 29-09-1999 | | | | | |
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| Web-Page | -- | | | | | |
| Educational Qualifications | | | | | | |
| Degree | Institution | | | | Year | |
| M.Sc Mathematics | Indian Institute of Technology Delhi | | | | 2022 | |
| B.Sc(H) Mathematics | Kirori Mal College, University of Delhi | | | | 2020 | |
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| Career Profile | | | | | | |
| <ol style="list-style-type: none">1. Assistant Professor on Permanent basis at Shaheed Bhagat Singh College from 15-04-2023 to present.2. Assistant Professor on Guest basis at Shaheed Bhagat Singh College from 24 -11-2022 to 14-04-2023. | | | | | | |
| Areas of Interest / Specialization | | | | | | |
| Nonlinear dynamical systems and Chaos theory. | | | | | | |
| Papers Taught | | | | | | |
| <ol style="list-style-type: none">1. Algebra2. Probability and Statistics3. Ring theory and Linear Algebra-II4. Calculus5. Linear Algebra6. Analytics/computing with Python7. IT Skills and Data Analysis-I | | | | | | |

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| Research Guidance |
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| Publications Profile |
| <ol style="list-style-type: none"> 1. Dinesh Khattar, Neha Agrawal, Govind Singh, Chaos Synchronization of a New Chaotic System Having Exponential Term Via Adaptive and Sliding Mode Control, Differential Equations and Dynamical Systems, (2023). (Accepted) 2. Dinesh Khattar, Neha Agrawal, Govind Singh, Triple Compound Combination Synchronization of Eleven n-dimensional Chaotic Systems, International Journal of Dynamics and Control, (2023). (Accepted) 3. Dinesh Khattar, Neha Agrawal, Govind Singh, Chaotic Analysis of a new 3D system with exponential nonlinearity and its dual compound combination multiswitching synchronization using active control, International Journal of Applied and Computational Mathematics. (Communicated) 4. Dinesh Khattar, Neha Agrawal, Govind Singh, Triple compound combination multiswitching synchronization of chaotic systems via nonlinear approach, International Journal of Dynamics and Control. (Revised) 5. Dinesh Khattar, Neha Agrawal, Govind Singh, Anti-difference quadratic compound synchronization of Lorenz, Rossler, Modified Finance and Shimizu Morioka chaotic systems, Indian Journal of Physics. (Communicated) |
| Conference/ workshop Organized |
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| Awards and Distinctions |
| <ul style="list-style-type: none"> • Qualified CSIR-UGC NET JRF 2022 (Mathematical Sciences). • Qualified GATE 2022 (Mathematics) organized by IIT Kharagpur. • Qualified JAM 2020 (Mathematics) organized by IIT Kanpur. • Secured 2nd position in Kirori Mal College in B.Sc(Hons) Mathematics, academic session |

2017-2020.

- Secured **1st position in the University of Delhi** in the third year of B.Sc(Hons) Mathematics, academic session 2019-2020.

Association With Professional Bodies

Other Activities

- Successfully completed a project titled “**Quadratic Fields**” under the supervision of Dr. Ekata Saha at IIT Delhi during June 2021–Dec 2021. Worked on basic Algebraic number theory, Quadratic fields and some interesting result of Real and Imaginary quadratic fields. Studied about Units in Real and Imaginary quadratic fields, and Ring of integers of some specific fields etc.
- Participated in the **E-Mathematics Quiz**, organized by the Department of Mathematics, Government College, Manawar, and scored 95%.
- Participated in workshop on ‘**Read and Publish**’ and ‘**Author’s Publishing Journey**’ by Cambridge University Press at IIT Delhi.
- Participated in a workshop on “**Gender, Masculinities, and Relationships**” jointly organized by IGES-IIT Delhi, NSS and the YP Foundation.