




Faculty Details Proforma for Website

Name	Dr. Neeti Goel	Photograph	
Designation & Department	Assistant Professor, Mathematics		
Date of Joining the institution	Adhoc : Jan 13,2012 Permanent : Sep 04,2023		
Date of Birth	26-06-1980		
Address	Plot No.11A,Gali no.1,Bajaj Enclave,Old Palam Road,Kakrola,Dwarka,Delhi-78		
Phone No	Office		
	Residence		
	Mobile		9999217720
Email Address	neeti.goel@sgndkc.du.ac.in		

Educational Qualifications		
Degree	Institution	Year
Ph.D	University of Delhi	2012
M.A (Maths)	Indraprastha College,University of Delhi	2002
B.A Maths(H)	Lakshmibai College,University of Delhi	2000
Administrative Assignments		
<ul style="list-style-type: none">● Member of NAAC/Data Compilation Team, Acharya Narendra Dev College, University Of Delhi● Member of Academic Events Management Committee, Acharya Narendra Dev College, University Of Delhi● Member of Mentorship And Counselling Committee, Acharya Narendra Dev College, University Of Delhi● Member of Culture Events Committee, Acharya Narendra Dev College, University Of Delhi● Member of Admission Committee, Acharya Narendra Dev College, University Of Delhi● Member of IIC, Sri Guru Nanak Dev Khalsa College , University Of Delhi		



Areas of Interest / Specialization

Chaos Control and Dynamical Systems

Subjects Taught

- Analysis
- Algebra
- Calculus and Geometry
- Calculus and Matrices
- Transportation and Network Flow Problems
- Numerical Methods
- Statistical Software R
- Metric Space
- Complex Analysis
- Vedic Maths

Research Guidance

NA

Publications Profile (Articles/ Books Published/ Books Edited)

1. Khan, A., Goel, N., “Controlling Chaos in an Artificial Earth Satellite”, Global Journal of Pure and Applied Mathematics, ISSN 0973-1768 Volume IV, 3 (2008), pp.223-228
2. Khan, A., Goel, N., “Control of Chaos in Non-Linear Planar Oscillation of a Satellite in Elliptic Orbit”, Bulletin of Calcutta Mathematical Society, ISSN 0008-0659, 100, (6) 631-638 (2008)
3. Khan, A., Goel, N., “Dynamical Response of the Non-Linear Vibrations of Single-Walled Carbon Nanotubes”, (I) Int. Journal of Nano Particles, ISSN 1753-2507, IF-.23, Vol. 2, pp.216-225 (2009)
4. Khan, A., Goel, N., “Chaos Control in the Problem of a Satellite, Applied Mathematical Sciences”, ISSN 1312-885X, IF-0.461, Vol. 4, No.25, pp.1233-1240 (2010)
5. Khan, A., Goel, N., “Chaotic motion in the Problem of Dumbell Satellite”, International Journal of Contemporary Mathematical Sciences, ISSN 1312-7586, Vol. 6, 2011, No.7, pp. 299-307
6. Khan, A., Goel, N., “Non-resonant and Resonant Planar Oscillation of the Satellite in Elliptic Orbit”, International Journal of Applied Engineering Research, Vol. 10, ISSN 0973-4562, 2015, Pp. 21267-21272
7. Anu Sharma, Neeti Goel, “Effect of MFD Viscosity and Coriolis Force on Soret –Driven Ferrothermohaline Convention in An Anisotropic Darcy Porous Medium with LTNE: Linear Stability Analysis”, Proceedings of 2nd International Conference on Mathematics in Space and Applied Sciences(ICMSAS-2023),Vol.01|2023,ISBN-978-81-947143-1-6,pg 85-91
8. Anu Sharma, Neeti Goel, “Study of Lack of thermal equilibrium and anisotropy effects on double-diffusive ferroconvection in porous medium”, Proceedings of 2nd International



Conference on Mathematics in Space and Applied Sciences(ICMSAS-2023),Vol.01|2023,ISBN-978-81-947143-1-6,pg 242-246

Conference Organized

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

Association With Professional Bodies

Seminars/Webinars/Conferences /Workshops Attended

1. Presented a paper titled **“Controlling Chaos in Elliptical Hill Problem: Chaos and its control”** in the International Conference on Advances in Pure & Applied Mathematics organized by Shyam Lal College, University of Delhi during February 8-10,2024
2. Presented a paper titled **“Effect of MFD Viscosity and Coriolis Force on Soret –Driven Ferrothermohaline Convention in An Anisotropic Darcy Porous Medium with LTNE: Linear Stability Analysis”** in the 2nd International Conference on Mathematics in Space and Applied Sciences (ICMSAS-2023) organised by the Department of Mathematics, Netaji Subhash Chandra Bose Memorial Govt. College, Hamirpur-177005, Himachal Pradesh, India on March 03-04, 2023
3. Successfully completed and scored “A” Grade in two-week online workshop entitled **“Tools and Techniques in Statistical Analysis”** as an organising member organized by Acharya Narendra Dev College, University of Delhi, under the aegis of DBT STAR College Scheme, from April 06-19, 2021
4. Participated in the INSA & NCM joint online Teacher's Enrichment Workshop on **"Differential Equations and its Applications"** hosted by Deshbandhu College, University of Delhi, New Delhi during March 15 -28, 2021
5. Participated at the National Workshop on **“Advanced Numerical Techniques and Its Applications”** held from 06th May to 11th May 2019 at Graphic Era Hill University, Dehradun, Uttarakhand, India
6. Presented a paper titled **“Controlling Chaos in an Artificial Earth Satellite”** in National Seminar on ‘Mathematics and Computer Computing and Communication’, 18th Feb 2017, Dept. Of Mathematics and Computer Science, Aggarwal College, Ballabgarh, Faridabad Presented a paper



titled “**Chaos Control in the Problem of a Satellite**” in National Seminar on ‘Recent Developments in Mathematical Sciences’, 07th-08th March 2017, Dept. Of Mathematics, Mahirishi Dayanand University, Rohtak

7. Attended a Workshop on “**Latex and HTML**”, 27th August 2016, Department of Mathematics, Acharya Narendra Dev College, University of Delhi

8. Supervised project titled “**CHAOS IN NON LINEAR DYNAMICAL SYSTEM**” to students of B.Sc (Hons.) Mathematics, under aegis of ELITE Project Scheme of Acharya Narendra Dev College (University of Delhi) during the period of June-July 2016

9. Participated in Workshop on Free/Open Source Software, “**MAXIMA**”, August 12, 2012

10. Participated in the National Meet on **History of Mathematical Sciences** held at Conference Centre, University of Delhi, January 7-9, 2010

11. Participated in International Conference on **Operator Theory & Related areas**, University of Delhi, January 9-12, 2008



Other Activities (FDP's/Refresher Course)

- Successfully completed two weeks REFRESHER COURSE IN MATHEMATICS “Foundation Course in Vedic Mathematics” organized during 31 March - 13 April, 2024 and obtained Grade A+.
- Worked as an organizing member in the five days online Workshop titled “Mathematical Modelling And Simulation” conducted by Dept of Mathematics, Sri Guru Nanak Dev Khalsa College from February 13 – 17 ,2024
- Successfully completed the Two Weeks Online Training Programme on “NEP 2020 Orientation & Sensitization Programme” (16th December, 2023 – 30th December, 2023) under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission(UGC) organised by Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi
- Successfully completed a 4-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from 22 October – 20 November, 2023 and obtained Grade A+.
- Successfully completed and obtained Grade “A” in One week Online National Faculty Development Program “**Statistics with ‘R’, Financial Database and Analysis Software**” jointly Organized by University of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the PMMMMNMTT of Ministry of Education, from 4th November to 11th November, 2022
- Successfully completed a 4 week induction/orientation programme for "**Faculty in Universities/College/Institutes of Higher Education**" from June 26 - July 24, 2020 and obtained Grade A+ (from Ramanujan College, University of Delhi)
- Successfully completed 1 week faculty development programme on "**Open Source Tools for Research**" from June 8 - June 14, 2020, (Ramanujan College, University of Delhi)
- Successfully completed 2 weeks faculty development programme on "**Managing Online classes and Co-creating MOOCS 2.0**" from May 18 - June 03, 2020 (Ramanujan College, University of Delhi)

Past experience (If any, Give details)

- Appointed as Assistant Professor (Ad-hoc) in Acharya Narendra Dev College, University of Delhi, Delhi from 21st July, 2014 to 3rd Sept,2023
- Appointed as Assistant Professor (Ad-hoc) in Aditi Mahavidyalaya, University of Delhi, Delhi from 23rd July, 2013 till 22nd May, 2014
- Appointment as Assistant Professor (Ad-hoc) in Shri Guru Gobind Singh College of Commerce, University of Delhi, Delhi from 26th July, 2012 till 21st May, 2013
- Appointment as Assistant Professor (Ad-hoc) in Janki Devi Memorial College, University of Delhi, Delhi from 13th January, 2012 to 20th May, 2012
- Guest Faculty in IGIT affiliated to Guru Gobind Singh Indraprastha University, Delhi in the academic year 2011-2012.
- Guest Faculty in IGIT affiliated to Guru Gobind Singh Indraprastha University, Delhi in the academic year 2010-2011.
- Guest Faculty in Aditi Mahavidyalaya, University of Delhi in the academic year 2007-2008.
- Guest Lecturer in Deshbandu College, University of Delhi in the academic year 2007-2008