



Title	Dr.	First Name	NEETI	Last Name	GOEL	Photograph
Designation	<b>Assistant Professor</b>					
Address	<b>Department of Mathematics, Acharya Narendra Dev College, Govindpuri, New Delhi-110019</b>					
Phone No Office						
Residence						
Mobile	<b>9999217720</b>					
Email/ Web-Page	<a href="mailto:neetigoel@andc.du.ac.in">neetigoel@andc.du.ac.in</a>					
<b>Educational Qualifications</b>						
Degree	Institution			Year		
Ph.D	University of Delhi			2012		
M.A (Maths)	University of Delhi			2002		
B.A (Maths)	University of Delhi			2000		
<b>Career Profile</b>						
<b>January 13, 2012 till date – Assistant Professor, University of Delhi</b>						
<b>Administrative Assignments</b>						
<ul style="list-style-type: none"> <li>• Member of <b>NAAC/Data Compilation Team</b>, Acharya Narendra Dev College, University of Delhi</li> <li>• Member of <b>Academic Events Management Committee</b>, Acharya Narendra Dev College, University of Delhi</li> <li>• Member of <b>Mentorship and Counselling Committee</b>, Acharya Narendra Dev College, University Of Delhi</li> </ul>						
<b>Areas of Interest / Specialization</b>						
<ul style="list-style-type: none"> <li>• <b>Chaos Control and Dynamical Systems</b></li> </ul>						
<b>Subjects Taught</b>						
<ul style="list-style-type: none"> <li>• <b>Analysis</b></li> <li>• <b>Algebra</b></li> <li>• <b>Calculus and Geometry</b></li> <li>• <b>Calculus and Matrices</b></li> <li>• <b>Transportation and Network Flow Problems</b></li> <li>• <b>Numerical Methods</b></li> </ul>						

<ul style="list-style-type: none"> <li>● <b>Statistical Software R</b></li> </ul>
Research Guidance
<u>NA</u>
Publications Profile
<ol style="list-style-type: none"> <li>1. Khan, A., <b>Goel, N.</b>, “<b>Controlling Chaos in an Artificial Earth Satellite</b>”, Global Journal of Pure and Applied Mathematics, ISSN 0973-1768 Volume IV, 3 (2008), pp.223-228</li> <li>2. Khan, A., <b>Goel, N.</b>, “<b>Control of Chaos in Non-Linear Planar Oscillation of a Satellite in Elliptic Orbit</b>”, Bulletin of Calcutta Mathematical Society, ISSN 0008-0659, 100, (6) 631-638 (2008)</li> <li>3. Khan, A., <b>Goel, N.</b>, “<b>Dynamical Response of the Non-Linear Vibrations of Single-Walled Carbon Nanotubes</b>”, (I) Int. Journal of Nano Particles, ISSN 1753-2507, IF-.23, Vol. 2, pp.216-225 (2009)</li> <li>4. Khan, A., <b>Goel, N.</b>, “<b>Chaos Control in the Problem of a Satellite, Applied Mathematical Sciences</b>”, ISSN 1312-885X, IF-0.461, Vol. 4, No.25, pp.1233-1240 (2010)</li> <li>5. Khan, A., <b>Goel, N.</b>, “<b>Chaotic motion in the Problem of Dumbell Satellite</b>”, International Journal of Contemporary Mathematical Sciences, ISSN 1312-7586, Vol. 6, 2011, No.7, pp. 299-307</li> <li>6. Khan, A., <b>Goel, N.</b>, “<b>Non-resonant and Resonant Planar Oscillation of the Satellite in Elliptic Orbit</b>”, International Journal of Applied Engineering Research, Vol. 10, ISSN 0973-4562, 2015, Pp. 21267-21272</li> <li>7. Anu Sharma, <b>Neeti Goel</b>, “<b>Effect of MFD Viscosity and Coriolis Force on Soret – Driven Ferrothermohaline Convention in An Anisotropic Darcy Porous Medium with LTNE: Linear Stability Analysis</b>”, Proceedings of 2<sup>nd</sup> International Conference on Mathematics in Space and Applied Sciences(ICMSAS-2023),Vol.01 2023,ISBN-978-81-947143-1-6,pg 85-91</li> <li>8. Anu Sharma, <b>Neeti Goel</b>, “<b>Study of Lack of thermal equilibrium and anisotropy effects on double-diffusive ferroconvection in porous medium</b>”, Proceedings of 2<sup>nd</sup> International Conference on Mathematics in Space and Applied Sciences(ICMSAS-2023),Vol.01 2023,ISBN-978-81-947143-1-6,pg 242-246</li> </ol>
Conference/ Presentations/Workshops
<ol style="list-style-type: none"> <li>1. Presented a paper titled “<b>Effect of MFD Viscosity and Coriolis Force on Soret –Driven Ferrothermohaline Convention in An Anisotropic Darcy Porous Medium with LTNE: Linear Stability Analysis</b>” in the 2<sup>nd</sup> 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</li> <li>2. Successfully completed and obtained Grade “A” in One week Online National Faculty Development Program “<b>Statistics with ‘R’, Financial Database and Analysis Software</b>” jointly Organized by University</li> </ol>

of Delhi and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the PMMMNMTT of Ministry of Education, from 4<sup>th</sup> November to 11<sup>th</sup> November, 2022

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. 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)

6. Successfully completed 1 week faculty development programme on "**Open Source Tools for Research**" from June 8 - June 14, 2020, (Ramanujan College, University of Delhi)

7. 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)

8. Participated at the National Workshop on "**Advanced Numerical Techniques and Its Applications**" held from 06<sup>th</sup> May to 11<sup>th</sup> May 2019 at Graphic Era Hill University, Dehradun, Uttarakhand, India

9. Presented a paper titled "**Controlling Chaos in an Artificial Earth Satellite**" in National Seminar on 'Mathematics and Computer Computing and Communication', 18<sup>th</sup> Feb 2017, Dept. Of Mathematics and Computer Science, Aggarwal College, Ballabgarh, Faridabad

10. Presented a paper titled "**Chaos Control in the Problem of a Satellite**" in National Seminar on 'Recent Developments in Mathematical Sciences', 07<sup>th</sup>-08<sup>th</sup> March 2017, Dept. Of Mathematics, Mahirishi Dayanand University, Rohtak

11. Attended a Workshop on "**Latex and HTML**", 27<sup>th</sup> August 2016, Department of Mathematics, Acharya Narendra Dev College, University of Delhi

12. 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

13. Participated in Workshop on Free/Open Source Software, "**MAXIMA**", August 12, 2012

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

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

16. Participated in National Workshop on **Analysis** held at the Department of Mathematics, University of Delhi during September 27-28, 2007

Research Projects (Major Grants/Research Collaboration)

- Supervised project titled 'CHAOS IN NON LINEAR DYNAMICAL SYSTEMS' 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

Awards and Distinctions

NA

Association With Professional Bodies

NA

Other Activities

- Worked as a Member of **Sports Committee**, Acharya Narendra Dev College , University Of Delhi
- Worked as a Member of **Cultural Events Committee**, Acharya Narendra Dev College , University Of Delhi
- Worked as a Member of **Alumni Committee**, Acharya Narendra Dev College , University Of Delhi
- Examiner for setting of various Question Papers in University Of Delhi