




Faculty Profile: Name of the Faculty
Department of Faculty Member
Ram Lal Anand College, University of Delhi



| Title | Mrs. | First Name | PRATIMA | Last Name | NEGI | Photograph |
|-----------------------------------|---|------------|---------|-----------|-------------|---|
| Designation | Assistant Professor | | | | |  |
| Address | Department of Mathematics, Ram Lal Anand College, Benito Juarez Marg, Dhaula Kuan, New Delhi, India -110021 | | | | | |
| Phone Office | 011-24112557 | | | | | |
| Mobile | 9911488343 | | | | | |
| Email | pratima.maths@rla.du.ac.in | | | | | |
| Institutional Web page | https://rlacollege.edu.in/pdf-profile/math/Mathmatics-Pratima%20Negi.pdf | | | | | |
| Google Scholar | https://scholar.google.com/citations?user=iZH2KS0AAAAJ&hl=en&oi=ao | | | | | |
| Research Gate | https://www.researchgate.net/profile/Pratima-Negi-3 | | | | | |
| ORCID ID | https://orcid.org/0009-0006-9414-2932 | | | | | |
| Scopus ID | | | | | | |
| Researcher ID | | | | | | |
| Vidwan ID | https://vidwan.inflibnet.ac.in/profile/477406 | | | | | |
| Educational Qualifications | | | | | | |
| Degree | Institution | | | | Year | |
| Ph.D. | University Of Delhi | | | | Pursuing | |
| M.Phil. | IIT Roorkee | | | | 2004 | |
| MSc. | Jamia Millia Islamia, New Delhi | | | | 2000 | |

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|------|-----------------------------|------|
| BSc. | Lucknow University, Lucknow | 1997 |
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Career Profile

1. Working as Assistant Professor in Ram Lal Anand College , University of Delhi since 27 June, 2023
2. Worked as Assistant Professor in Zakir Husain Delhi College , University of Delhi : 31 Oct, 2011-31 March, 2023
3. Worked as Assistant Professor in Lingaya’s University, Faridabad : 01/07/2010-8/11/2011
4. Worked as Lecturer in Lingaya’s University, Faridabad : 13/07/2009-30/06/2010
5. Worked as Lecturer in Hindu College, Amritsar: 11/07/2008-28/02/2009
6. Worked as Lecturer in Khalsa College for Women, Ludhiana: 16/07/2007-9/10-2007, 14/07/2006-15/03/2007, 03/01/2006-11/03/2006
7. Worked as Lecturer in Kanya Maha Vidyalaya, Jalandhar : 19/07/2004-03/03/2005

Administrative Assignments

- Member, NAAC committee for the session 2023-24
- Member, NIRF Committee for the session 2023-24
- Member, BA(Prog.) Committee for the session 2023-24
- Member, Art and Culture Society for the session 2023-24
- Member, Spic Macay Society for the session 2023-24
- Member of Physical Science Society for smooth functioning of students' s fresher, fest and farewell function in Zakir Husain Delhi College, University Of Delhi- March, 2018- March, 2023
- Executive Member of Staff Association in Zakir Husain Delhi College, August 2022- March, 2023
- Member of Students Union Election, Students Convocation, Prize distribution function, College cultural fest 2011-2023

Areas of Interest / Specialization

Machine Learning, Optimization, Artificial Intelligence, NanoComposite materials

Subjects Taught

Maths Honours:

SEM-I: Differential Equations,

SEM-II: Analysis-I,

SEM III: Theory of Real Functions, Multivariate Calculus (Th & Practical), Ring Theory & Linear Algebra,

SEM IV: Riemann Integration & Series of Function,

SEM V: Probability & Statistics,

SEM VI: Complex Analysis Practical

BSC Programme:

SEM I: Calculus & Matrices,

SEM II: Calculus & Geometry,

SEM III: Algebra,

SEM IV: Real Analysis,

SEM VI: R software, Numerical Methods

Research Guidance

Publications Profile:

Papers:

1. Pratima Negi and M. Fahim, Simulation Studies on Effect of Temperature on Uniaxial Deformation of Single Atomic Layer Graphene (SALG) Sheet, International Journal of Current Research, 12(1), pp.9285-9288, (2020)

2. Pratima Negi and M. Fahim, NEMD Simulation to Study Viscosity of Graphene Filled Polystyrene Nanocomposites, International Journal of Current Research, 12(1), pp.9289-9291, (2020)

3. Bajaj, N., Negi, P., Rawat, S. et al. Sol–gel synthesis, dielectric, and morphological characterization of $Pb_{1-x}Sr_xTiO_3$ ($x = 0.8$) ferroelectric perovskite. *J Sol-Gel Sci Technol* 90, 589–598 (2019).

4.K.K.Dewan, M. Mustafa and Pratima Mishra, An Analytic Study of Transportation system and Air Pollution (A Case study of Delhi), *Indian Journal of Transport Management*, Vol.25(4), 2001, INDIA. BOOK:

Chapters in books and e-chapters (Published)

1.Dr Dinesh Khattar, Dr Rajkumar and Pratima Negi ,”**Calculus and Geometry**”, for B. Sc. Physical Science undergraduates course ,University of Delhi, M/s Jeevansons Publication, New Delhi, India, January 2017

Conference Organization/ Presentations

Conference Paper presentations (Oral):

- “Retro Banach Frame with Property S” in International Conference on Mathematics & Application (ICMA 2017), Ramjas College, University of Delhi, April, 2017
- “Mathematical Modelling, Simulation and Design of Polymer NanoComposite Material (Insight into Mechanical and Viscoelastic behavior)” at World Nanotechnology Webinar, October 21-22, 2022

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

- 1.Goverdhan Das –Bas Devi Memorial Cash Prize for “ A girl student obtaining highest CGPA in all MPHIL Courses” at IIT Roorkee.
- 2.GATE, 2004: Percentile 89.07
- 3.CSIR-UGC NET, December 2003

Association With Professional Bodies

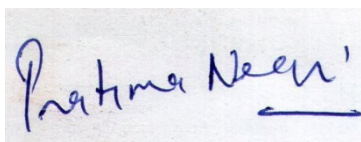
Other Activities

Organized :

- National workshop, 'Mathematical Modelling and Computational Techniques using Mathematica', (MMCTUM) Zakir Husain Delhi College, University Of Delhi, March **2017**

Participations:

- National Workshop :Data Analytics Through R, Statistics Department, University of Jammu, Jammu, India ,November, **2019**
- National Workshop: Data Analytics with Python, University of Jammu, Bhatnagar Campus, Jammu, India, May, **2019**
- National Workshop: Mathematical Modelling Using High Performance Numerical Computing, National Institute of Technology, Silchar, Assam, India September, **2018**
- National Workshop: Applied Stochastic Models and Optimization (ASMO-17), IIT Roorkee, May **2017**
- National Workshop on Biostatistics, Botany Department, Zakir Husain Delhi College, University Of Delhi, March **2017**



Signature of Faculty Member

